

# TRONAIR

*So Many Products  
So Much Value*



## *Catalog* *Ground Support Equipment*

# Table Of Contents

## APPLICATION REFERENCE SECTION

| MANUFACTURER                        | PAGE  | MANUFACTURER           | PAGE  | MANUFACTURER           | PAGE |
|-------------------------------------|-------|------------------------|-------|------------------------|------|
| ATR.....                            | 1     | Daher Socata.....      | 14    | KAI.....               | 24   |
| Adam Aircraft.....                  | 1     | Dassault/Falcon.....   | 14-16 | Lockheed.....          | 24   |
| Aermacchi (Alenia Aeronautica)..... | 1     | Diamond Aircraft.....  | 16    | McDonnell Douglas..... | 25   |
| Aerospaziale.....                   | 1     | Eclipse.....           | 16    | Mitsubishi.....        | 25   |
| Agusta.....                         | 1     | Embraer.....           | 16-17 | Mooney.....            | 25   |
| Agusta/Bell.....                    | 1     | Eurocopter.....        | 18    | Nihon.....             | 25   |
| Airbus.....                         | 1-2   | Eurofighter.....       | 18    | Nomad.....             | 25   |
| Airbus Military (CASA).....         | 2     | Fairchild/Dornier..... | 19    | Northrop.....          | 25   |
| BAe (British Aerospace).....        | 3     | Fokker.....            | 19-20 | Piaggio.....           | 26   |
| Beech.....                          | 3     | General Atomics.....   | 20    | Pilatus.....           | 26   |
| Bell.....                           | 4     | General Dynamics.....  | 20    | Piper.....             | 26   |
| Boeing.....                         | 5-7   | Global.....            | 20    | Saab.....              | 27   |
| Bombardier (Canadair).....          | 7-9   | Grob.....              | 20    | Saberliner.....        | 27   |
| Bombardier (deHavilland).....       | 9-10  | Gulfstream.....        | 21-22 | Shorts.....            | 27   |
| Bombardier (Learjet).....           | 10-11 | Hawker Beechcraft..... | 22-24 | Sikorsky.....          | 28   |
| Britten Norman.....                 | 11    | HondaJet.....          | 24    | Sino Swearingen.....   | 29   |
| Cessna.....                         | 11-14 | IAI.....               | 24    | Sukhoi.....            | 29   |

## PRODUCT SECTION



markings at time of printing noted by product

| PRODUCT                                                     | PAGE  | PRODUCT                                                    | PAGE  |
|-------------------------------------------------------------|-------|------------------------------------------------------------|-------|
| <b>LIFTING &amp; SHORING (ATA-7)</b>                        |       | <b>AIR CONDITIONING (ATA-21)</b>                           |       |
| Tripod Jack Accessories.....                                | 30    | Pre-Conditioned Air (PCA) Combo Unit.....                  | 63    |
| Tripod Jack Extensions.....                                 | 30    | Mobile 4 US Ton AC Environment Control Carts.....          | 64    |
| Tripod Jack Pad Adaptors.....                               | 30    | Cabin Pressurization Test Units.....                       | 65    |
| Hand Wheel Safety Nut.....                                  | 30    | Portable Cabin Pressurization Test Unit.....               | 66    |
| Tripod Jacks.....                                           | 31-33 | Leak Fluid Dispenser.....                                  | 66    |
| Telescoping Hydraulic Axle Jacks.....                       | 34    | <b>ELECTRICAL (ATA-24)</b>                                 |       |
| Stabilizing Stands.....                                     | 35-36 | 28.5 VDC Diesel Ground Power Units.....                    | 67    |
| Stabilizing Stand Alarm Kits.....                           | 36    | 28.5 VDC Gasoline Ground Power Unit.....                   | 68    |
| Aircraft Recovery Dolly.....                                | 36    | 28.5 VDC Solid State Rectifiers.....                       | 69-70 |
| <b>TOWING &amp; TAXIING (ATA-9)</b>                         |       | 400 Hz AC Solid State Power Units.....                     | 71    |
| JETporter Electric Towbarless Tugs.....                     | 37-39 | 24 VDC Battery Cart - 1,000 Amps Peak.....                 | 72    |
| Towbar Accessories.....                                     | 40    | Battery Charger.....                                       | 72    |
| Multi-Head Storage Rack.....                                | 40    | Nickel Cadmium Battery Charger/Analyzer.....               | 70    |
| Telecoupler.....                                            | 40    | <b>FUEL (ATA-28)</b>                                       |       |
| Shear and Shock Protection.....                             | 40    | Fuel Transfer Carts.....                                   | 73    |
| Attachment Heads.....                                       | 41-42 | Fuel System Leak Test Unit.....                            | 73    |
| Multi-Head Towbar Systems.....                              | 43    | Fuel Sample Test Tools.....                                | 74    |
| Portable Towbars.....                                       | 44    | Fuel Tools.....                                            | 74    |
| Custom Towbars.....                                         | 45-46 | <b>HYDRAULIC POWER (ATA-29)</b>                            |       |
| Narrow and Wide Body Towbars.....                           | 47    | Ram Air Turbine (RAT) Test Equipment.....                  | 75-76 |
| Snap-Bak Towbars.....                                       | 48    | Ram Air Turbine (RAT) Test Unit.....                       | 81    |
| Portable Snap-Bak Towbars.....                              | 48    | Ram Air Turbine (RAT) Test Tool.....                       | 82    |
| <b>PARKING &amp; MOORING (ATA-10)</b>                       |       | Actuator Adjustment Tool.....                              | 82    |
| Ramplok and Secure Chock.....                               | 49    | Hydraulic Power Stand.....                                 | 76    |
| Wheel Chocks.....                                           | 49    | Hydraulic Power Units - <i>Ordering Instructions</i> ..... | 77    |
| Engine Intake Cover.....                                    | 49    | Hydraulic Power Units - <i>Quick Select Chart</i> .....    | 78    |
| <b>SERVICING (ATA-12)</b>                                   |       | Hydraulic Power Units - <i>Optional Features</i> .....     | 79    |
| Military Hydraulic & Engine Oil Servicing.....              | 50    | Compact Hydraulic Power Unit.....                          | 80    |
| Military PAO Service Cart.....                              | 50    | Special Purpose Hydraulic Power Units.....                 | 80    |
| Hydraulic & Engine Oil Servicing Equipment.....             | 51-53 | Diesel Engine Driven Hydraulic Power Units.....            | 81    |
| CSD Service Cart.....                                       | 53    | 50 & 51 Series Hydraulic Power Units.....                  | 82    |
| Shimmy Damper Fluid Service Unit.....                       | 53    | 5J, 52, 53 & 54 Series Hydraulic Power Units.....          | 83    |
| Hydraulic & Engine Oil Servicing In-Line Filter Kits.....   | 53    | 5J, 52, 53 & 54 Series Performance Curves.....             | 84    |
| Hydraulic & Engine Oil Test Equipment.....                  | 54    | 55, 56 & 57 Series Hydraulic Power Units.....              | 85    |
| Lavatory Servicing Carts.....                               | 55-56 | 55, 56 & 57 Series Performance Curves.....                 | 86    |
| Fittings, Connectors, Adaptors & Tools.....                 | 56    | 5A, 5L, 58 & 59 Series Hydraulic Power Units.....          | 87    |
| Potable Water Transport Carts.....                          | 57    | 5A, 5L, 58 & 59 Series Performance Curves.....             | 88    |
| Nitrogen and Oxygen Transport Carts.....                    | 58    | Hydraulic Coupling Hose Adaptor Kits.....                  | 89-93 |
| Four Bottle.....                                            | 58    | Hydraulic Pressure & Return Coupling Kits.....             | 89-90 |
| One and Two Bottle.....                                     | 58    | Multiple Aircraft Pressure & Return Coupling Kits.....     | 91-92 |
| Multi-Purpose Cart.....                                     | 59    | Hydraulic Reservoir Fill Coupling Kits.....                | 93    |
| Nitrogen & Helium Four Bottle Carts/Carts with Booster..... | 60    | Hydraulic CSD Fill & Engine Oil Kits.....                  | 93    |
| Nitrogen Boosters.....                                      | 61    | Hydraulic CSD Overflow Kit.....                            | 93    |
| Oxygen Booster.....                                         | 61    | HPU Self Cleaning Circulation Kits.....                    | 93    |
| Oxygen Four Bottle Carts/Carts with Booster.....            | 62    |                                                            |       |
| Oxygen Pressure Regulators and Adaptors.....                | 62    |                                                            |       |

Index continued on following page



## PRODUCT SECTION

| PRODUCT                                                 | PAGE    |
|---------------------------------------------------------|---------|
| <b>HYDRAULIC POWER (ATA-29) continued</b>               |         |
| Fluid Test Kit .....                                    | 94      |
| "Super Clean" Fluid Sample Bottle .....                 | 94      |
| Thrust Reverser Test Unit .....                         | 95      |
| Hydraulic Fluid Laser Contamination Monitors .....      | 95      |
| 30° Thin Head Wrenches .....                            | 95      |
| <b>ICE &amp; RAIN PROTECTION (ATA-30)</b>               |         |
| Mobile Deicer Carts .....                               | 96      |
| Portable Deicer .....                                   | 96      |
| Service Unit For TKS Fluid .....                        | 96      |
| <b>LANDING GEAR (ATA-32)</b>                            |         |
| Hydraulic Beadbreaker .....                             | 97      |
| Beadbreaker Adaptor Rings .....                         | 97      |
| Manual Beadbreaker .....                                | 97      |
| Pneumatic Driven Hydraulic Beadbreaker .....            | 98      |
| Anti-Skid Test Units .....                              | 98      |
| Wheel & Brake Dolly .....                               | 99      |
| Wheel Dolly .....                                       | 99      |
| Landing Gear Dollies .....                              | 100     |
| Universal Tool - Strut, Brake & Tire .....              | 101     |
| Strut Service Tool .....                                | 101     |
| Brake Service Unit .....                                | 102     |
| Brake Bleed Unit .....                                  | 102     |
| Certified Nitrogen Service Gauges & Regulators .....    | 103     |
| Wheel/Strut Servicing Adaptors & Connectors .....       | 104     |
| <b>FUSELAGE (ATA-53)</b>                                |         |
| Hydraulic Maintenance Platforms .....                   | 105     |
| B4 and B5 Type Maintenance Platforms .....              | 105     |
| Universal Lifts .....                                   | 106     |
| Battery Lifts .....                                     | 106     |
| Heavy Duty Hydraulic Utility Cranes .....               | 107-108 |
| Mounted Hoist .....                                     | 109     |
| <b>PROPELLERS (ATA-61)</b>                              |         |
| Propeller Stands .....                                  | 110     |
| wall mount propeller stands .....                       | 110     |
| Propeller and Blade Slings .....                        | 110     |
| Propeller Tools .....                                   | 110     |
| <b>POWER PLANT (ATA-71)</b>                             |         |
| Mobile Engine Work Stands .....                         | 111     |
| Multi-Purpose Rotating Turbine Engine Work Stands ..... | 112     |
| Portable Turbine Engine Change Stand .....              | 113     |
| Engine Slings .....                                     | 113-114 |
| Engine Compressor Washers .....                         | 115     |
| Portable Engine Compressor Washers .....                | 116     |
| <b>AIRCRAFT TOOLING</b>                                 |         |
| Phenom 100 & 300 Aircraft Tooling .....                 | 117     |

## Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**ATR**

42, 72

**LIFTING & SHORING - ATA 7**

02-7802-0111 Main (2)  
02-7813C0100 Axle Nose/Main  
02-7822-0110 Nose (2)  
R-1239 --(2) R

**TOWING & TAXIING - ATA 9**

01-1201-0010  
01-0610-0000  
01-1290-0100  
01-0558-0000 Head --R  
01-1954-6000

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

10-4036-0010 10-6409-0000  
10-6408-0000  
K-2922 and K-2410 -- R

**POTABLE WATER**

19-4305-0000 19-4306-0000

**ENGINE OIL**

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

**NITROGEN**

18-4303-0000 18-4208-0010  
18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

**AIR CONDITIONING - ATA 21**

17-7520-0000

**ELECTRICAL POWER - ATA 24**

112820CT3 112850  
112820CST3 112860  
112820CS1T3 11-6610-6000  
112820C1T3

**FUEL - ATA 28**

07-3000-1921 07-3001-4900

**HYDRAULIC POWER - ATA 29**

51301BE  
(recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6801-0120  
Z-1063-19 Main -- R  
Z-1064-08 Nose -- R  
14-6802-6000 14-6807-6011  
14-6404-6000 14-6808-6000  
14-6805-6010 14-6878-0110  
14-6806-6011 14-6883-0110

**FUSELAGE - ATA 53**

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6150-0120

**PROPELLERS - ATA 61**

08-0111-6000 08-0704-4000  
08-0504-4000 08-0705-6000  
08-0702-6000 08-2016-0000  
08-0703-6000

**POWER PLANT - ATA 71**

08-0112-4000  
08-0113-4000  
08-2014-0000 ATR42 Only  
K-4093 Adapter for PWC127 -- R  
08-4049-0013

**Adam Aircraft**

A500, A700

**LIFTING & SHORING - ATA 7**

02-0536-0110 Main (2)  
02-0526-0110 Tail

**TOWING & TAXIING - ATA 9**

01-1954-6000  
01-2000-0000  
JP30  
JP30L

**PARKING & MOORING - ATA 10**

99-9008-6000 99-9028-6000

**SERVICING - ATA 12****ENGINE OIL**

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

**HYDRAULIC FLUID**

06-4005-0800 06-5022-6800  
06-4035-0800 06-5042-0800

**NITROGEN**

12-3104-0000 18-4208-0010  
18-4200-1100 18-4303-0000  
K-1225  
K-3706 -- R

**OXYGEN**

12-3104-0000 20-4504-7000  
20-4500-7000 20-4505-7000  
20-4502-6000 K-3337  
PC-1006 -- R

**AIR CONDITIONING - ATA 21**

15-7603-1000 (base model)

**ELECTRICAL POWER - ATA 24**

112820CT3 112850  
112820CST3 112860  
112820CS1T3 11-6610-6000  
112820C1T3

**FUEL - ATA 28**

07-3000-1921

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6801-0120  
Z-1063-09 Main -- R  
Z-1064-07 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6877-6011  
14-6806-6011 K-3706

**FUSELAGE - ATA 53**

04-6152-0120  
K-2012 Gooseneck Boom Kit  
K-2013 Pneumatic Pump Kit  
K-2953 Hand Winch Kit

**POWER PLANT - ATA 71**

08-4048-0013

**Aermacchi**

G222, C-27J

**TOWING & TAXIING - ATA 9**

01-1231-0000  
01A1231-0014  
A1231-0014

**Aerospatiale**

Nord 262

**LIFTING & SHORING - ATA 7**

02-0524-0110 Main (2)  
02-0526-0110 Nose

**TOWING & TAXIING - ATA 9**

JP30  
JP30LL

**Agusta**

A109A, A109C, A109E, A109S, Mark II, Grand New

**LIFTING & SHORING - ATA 7**

02-0511-0132 Main (2)  
R-1187-01 -- R (2)  
02A7898C0100 Main (2)  
02-0511-0132 Nose  
R-1187-02  
02A7898C0100 Nose  
K-1106  
K-3579

**TOWING & TAXIING - ATA 9**

01-1202-0000  
01-0524-0000 Head --R  
01-1154-0000  
01-1954-6000

**ELECTRICAL POWER - ATA 24**

112820CT3 112820CS1T3  
112820CST3 112820C1T3

**HYDRAULIC POWER - ATA 29**

51100EX\_C 51100FR\_C  
(recommended base models)

**AW139****LIFTING & SHORING - ATA 7**

02-7861C0100  
02-7861C9100  
02A7898C0100 -- R (4)  
K-4220

**TOWING & TAXIING - ATA 9**

01-1202-0000  
01-0605-0000 Head -- R

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****ENGINE OIL**

06-5009-6800 06-5022-6800  
06-5010-6800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500  
KHC-4001

**ELECTRICAL POWER - ATA 24**

112820CT3 112850  
112820CST3 112860  
112820CS1T3 11-6644C1010  
112820C1T3

**HYDRAULIC POWER - ATA 29**

5J201-GT -D8  
5J211-GT -D8  
(recommended base models)

**FUSELAGE - ATA 53**

04-6029-5111  
04-6150-0120  
K-2012 Gooseneck Boom Kit  
K-2013 Pneumatic Pump Kit  
K-2953 Hand Winch Ki

**POWER PLANT - ATA 71**

08T4049-0013

**Agusta/Bell**

AB139

See Agusta AW139

**Airbus**

A300, A310

**TOWING & TAXIING - ATA 9**

01-1225-0010  
01-1321-0000  
01-1322-0000 A300 only  
01-0705-0003 Head -- R  
K-4041

**PARKING & MOORING - ATA 10**

99-9028-6024

**SERVICING - ATA 12****LAVATORY**

10-6401-0010 10-6411-0000  
K-2029 and K-2410 -- R

**POTABLE WATER**

19-4301-0000 19-4303-0000

**ENGINE OIL**

06-5022-6800 06-5042-0800  
06-5024-3800 06-5073-0800  
KHC-2173 CSD Fill -- R  
KHC-2258 CSD Overflow -- R

**HYDRAULIC FLUID**

06-4005-3611 06-5022-6600  
06-4035-3600 06-5043-3600  
KHC-1014 Reservoir Service -- R

**NITROGEN**

18-4303-0000 18-4208-0010  
18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

**ELECTRICAL POWER - ATA 24**

11-6610-6000

**FUEL - ATA 28**

07-3000-1921

**HYDRAULIC POWER - ATA 29**

58301BJ  
(recommended base model)

**LANDING GEAR - ATA 32**

14-6878-0110 14-6883-0110

**FUSELAGE - ATA 53**

04-6001-1100 04-6030-5111

**Airbus**

(continued on the following page)



The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**Airbus (continued)****A318, A319, A320, A321  
TOWING & TAXIING - ATA 9**

01-1226-0010  
01-1322-0000  
01-0701-0000 Head -- R  
01-1323-0000  
01-0710-0000 Head -- R

**PARKING & MOORING - ATA 10**  
99-9028-6000 99-9029-6000**SERVICING - ATA 12****LAVATORY**

10-6401-0010 10-6411-0000  
K-2029 and K-2410 -- R

**A319 ONLY**

10-6410-0000  
K-2029 and K-2410 -- R

**POTABLE WATER**

19-4301-0000 14-4303-0100

**ENGINE OIL**

06-5022-6800 06-5042-0800  
06-5024-3800 06-5073-0800  
KHC-2173 CSD Fill -- R  
KHC-2258 CSD Overflow -- R

**HYDRAULIC FLUID**

06-4005-3611 06-5022-6600  
06-4035-3600 06-5043-3600  
KHC-1014 Reservoir -- R

**NITROGEN**

18-4303-0000 18-4208-0010  
18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000

**ELECTRICAL POWER - ATA 24**

11-6610-6000

**FUEL - ATA 28**

07-3000-1921

**HYDRAULIC POWER - ATA 29**

58301BJ  
(recommended base model)  
13-6600-3600  
AGE10600

**LANDING GEAR - ATA 32**

14-6878-0110 14-6883-0110

**FUSELAGE - ATA 53**

04-6001-1100 04-6030-5111

**A330/340-200/300, A340-500/600****TOWING & TAXIING - ATA 9**

01-1207-0010 A330/340-200/300  
01-1301-0000 A340-500/600

**PARKING & MOORING - ATA 10**

99-9028-6024

**SERVICING - ATA 12****ENGINE OIL**

06-5073-0800  
KHC-2173 CSD Fill -- R

**HYDRAULIC POWER - ATA 29**

58301BJ  
(recommended base model)  
13-6600-3600  
AGE106005

**A380****TOWING & TAXIING - ATA 9**

01-1317-0000

**PARKING & MOORING - ATA 10**

99-9028-6024 99-9028-6036

**ELECTRICAL POWER - ATA 24**

11B6663C1010 11C6652-1010  
11C6663C1010

**HYDRAULIC POWER - ATA 29**

59321 (60 Hz) 5L331 (50 Hz)  
(recommended base model)  
13-6606-6600

**Airbus Military (CASA)****212-100/200****LIFTING & SHORING - ATA 7**

02-0517-0140 Nose  
02-7804-0110 Main (2)  
03-5808-0000 Stabilizing Stand

**TOWING & TAXIING - ATA 9**

01-1201-0010  
01-0531-0000 Head -- R  
01-1216-0000  
01-0531-0000 Head -- R  
01-1954-6000  
JP30  
JP30L

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

10-4036-0010 10-6409-0000  
10-6408-0000  
K-2029 and K-2410 -- R

**POTABLE WATER**

19-4305-0000 19-4306-0000

**ENGINE OIL**

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

**NITROGEN**

18-4303-0000 18-4208-0010  
18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000  
112820CST3 11-6644C1010  
112820CS1T3  
112820C1T3

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6801-0120  
Z-1063-15 Main  
Z-1063-13 Nose  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

**FUSELAGE - ATA 53**

04-6028-0121  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6150-0120

**POWER PLANT - ATA 71**

08-0103-4000 08-4048-0013  
08-2023-0010  
K-2111 -- R

**A330-MRTT****TOWING & TAXIING - ATA 9**

01-1207-0010 A330/340-200/300  
01-1301-0000 A340-500/600

**PARKING & MOORING - ATA 10**

99-9028-6024

**SERVICING - ATA 12****ENGINE OIL**

06-5073-0800  
KHC-2173 CSD Fill -- R

**HYDRAULIC POWER - ATA 29**

58301BJ  
(recommended base model)  
13-6600-3600  
AGE106005

**A400M****HYDRAULIC POWER - ATA 29**

59301 (60 Hz)  
(recommended base model)  
5L311 (50 Hz)  
(recommended base model)  
13-6610-6600

**C-295****LIFTING & SHORING - ATA 7**

02-7809-0110 Nose  
02-1036-0111 Main (2)  
03-5806-0000 Stabilizing Stand

**TOWING & TAXIING - ATA 9**

01-1280-0000  
JP75

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

10-4036-0010 10-6409-0000  
10-6408-0000  
K-2029 and K-2410 -- R

**POTABLE WATER**

19-4305-0000 19-4306-0000

**ENGINE OIL**

06-5009-6800 06-5022-6800  
06-5010-6800

**HYDRAULIC FLUID**

06-4005-0511 06-5042-0500  
06-4035-0500 06-5043-1500  
06-5022-6500

**NITROGEN**

18-4303-0000 18-4208-0010  
18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000  
112820CST3 11-6644C1010  
112820CS1T3  
112820C1T3

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**HYDRAULIC POWER - ATA 29**

52101BL  
(recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6801-0120  
Z-1063-14 Main -- R  
Z-1063-13 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

**FUSELAGE - ATA 53**

04-6028-0121  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6150-0120

**POWER PLANT - ATA 71**

08-0106-4000 08-4048-0013  
08-0108-4000  
08-0134-4000  
K-2909

**CN-235, HC-144A****LIFTING & SHORING - ATA 7**

02-0517-0140 Nose  
02-1036-0111 Main (2)  
02-7813C0100 Axle  
03-5806-0000 Stabilizing Stand  
K-3864 Stabilizing Stand Alarm Kit  
03A5806-0000 Stabilizing Stand

**TOWING & TAXIING - ATA 9**

01-1189-0012  
01-1201-0010  
01-0552-0011 Head -- R  
01-1310-0000  
01-1954-6000  
JP75

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

10-4036-0010 10-6409-0000  
10-6408-0000  
K-2029 and K-2410 -- R

**POTABLE WATER**

19-4305-0000 19-4306-0000

**ENGINE OIL**

06-5009-6800 06-5022-6800  
06-5010-6800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500  
06-5004-0500 06-5043-1500

**NITROGEN**

18-4303-0000 18-4208-0010  
18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000  
112820CST3 11-6644C1010  
112820CS1T3  
112820C1T3

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**HYDRAULIC POWER - ATA 29**

52101BL  
(recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6801-0120  
Z-1063-14 Main -- R  
Z-1063-13 Nose  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

**FUSELAGE - ATA 53**

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6150-0120

**POWER PLANT - ATA 71**

08-0106-4000 08-4048-0013  
08-0108-4000  
08-0134-4000  
K-2909

## Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

## BAe (British Aerospace)

BAe 146-100, -200, -300,

Avro RJ70, RJ85, RJ100

## LIFTING &amp; SHORING - ATA 7

02-1256-0111 Tail  
02-2560-0111 Main (2)  
02-7813C0100 Axle Nose  
02-7830-0110 Axle Main

RJ70 ONLY

02-2560-0111 Main (2)  
G-1206 Ram Nut -- R  
TR-1176 Nut Extension -- R

## TOWING &amp; TAXIING - ATA 9

01-1161-0009  
JP100S

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

LAVATORY

10-6402-0010 10-6410-0000  
K-2029 and K-2410 -- R

POTABLE WATER

19-4305-0000 19-4306-0000

ENGINE OIL

06-5010-6800 06-5042-0800  
06-5022-6800

HYDRAULIC FLUID

06-4005-3611 06-5042-3600  
06-4035-3600 06-5043-3600  
06-5022-6600  
KHC-1089 Reservoir -- R

NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

OXYGEN

20-4500-7000 20-4505-7000  
20-4504-7000  
PC-1006 or PC-1009 -- R

## ELECTRICAL POWER - ATA 24

11-6610-6000

## FUEL - ATA 28

07-3000-1921 07-3006-6900

## HYDRAULIC POWER - ATA 29

146 ONLY

54301AE  
(recommended base model)

RJ70, RJ85

54101AE  
(recommended base model)

## ICE &amp; RAIN PROTECTION - ATA 30

09-6200-0010

## LANDING GEAR - ATA 32

14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6878-0110  
14-6806-6011 14-6883-0110

## FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6152-120

## POWER PLANT - ATA 71

08-4049-0013

## ATP

## LIFTING &amp; SHORING - ATA 7

02-1256-0111 Nose  
02-7800-0110 Main (2)  
02-7830-0110 Axle Main  
03-5808-0000 Wing Stand (2)

## TOWING &amp; TAXIING - ATA 9

01-1202-0000  
01-0555-0000 Head -- R  
01-0565-0000 Head -- R  
01-1193-0010  
JP100S

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

LAVATORY

10-6402-0010 10-6410-0000  
K-2029 and K-2410 -- R

POTABLE WATER

19-4305-0000 19-4306-0000

ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800

HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

## ELECTRICAL POWER - ATA 24

11-6610-6000

## FUEL - ATA 28

07-3000-1921 07-3006-6900

## HYDRAULIC POWER - ATA 29

52101AB  
(recommended base model)

## ICE &amp; RAIN PROTECTION - ATA 30

09-6200-0010

## LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-13 Nose -- R  
Z-1063-16 Main -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6405-6010 14-6883-0110  
14-6806-6011

## FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111

## BAC I-II

## TOWING &amp; TAXIING - ATA 9

01-1124-0000

## Jetstream 31

## LIFTING &amp; SHORING - ATA 7

02-0536-0110 Main (2)  
03-5834-0000 Tripod Extension  
for outboard wing jacking (2)

02-0536-0110 Nose  
02-7813C0100 Axle  
03-5800C0010 Tailstand

K-3864 Stabilizing Stand Alarm Kit  
03A5800C0010 Tailstand

## TOWING &amp; TAXIING - ATA 9

01-1201-0010  
01-0526-0000 Head -- R  
01-1954-6000  
JP30  
JP30L

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 -- R

## AIR CONDITIONING - ATA 21

15-7603-1000 (base model)

## ELECTRICAL POWER - ATA 24

112820CT3 112850  
112820CST3 112860  
112820CS1T3 11-6610-6000  
112820C1T3

## FUEL - ATA 28

07-3000-1921 07-3006-6900

## HYDRAULIC POWER - ATA 29

51101AA  
(recommended base model)

## ICE &amp; RAIN PROTECTION - ATA 30

09-6200-0010

## LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-09 Nose -- R  
Z-1063-16 Main -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6405-6010 14-6830-6012  
14-6806-6011 14-6883-0110

## FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6150-0120

## POWER PLANT - ATA 71

08-0103-4000 08-4049-0013  
08-2023-0010 K1057 -- R  
K-2110 -- R

## Jetstream 41

## LIFTING &amp; SHORING - ATA 7

02-0536-0110 Nose  
02-1036-0111 Main (2)  
02-7832-0110 Axle  
03-5816-0000 Tailstand  
K-3864 Stabilizing Stand Alarm Kit  
03A5816-0000 Tailstand

## TOWING &amp; TAXIING - ATA 9

01-1201-0010  
01-0575-0011 Head -- R  
01-1215-0000  
01-1954-6000  
JP30  
JP30L

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

LAVATORY

10-6401-0010 10-6408-0000  
10-4036-0010  
K-2029 and K-2410 -- R

POTABLE WATER

19-4301-0000 19-4305-0000

ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

## AIR CONDITIONING - ATA 21

15-7603-1000 (base model)

## ELECTRICAL POWER - ATA 24

112820CT3 11-6610-6000  
112820CST3 11-6644C1010  
112820CS1T3  
112820C1T3

## FUEL - ATA 28

07-3000-1921 07-3006-6900

## HYDRAULIC POWER - ATA 29

51101AA  
(recommended base model)

## LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-09 Nose -- R  
Z-1063-13 Main -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6405-6010 14-6883-0110  
14-6806-6011

## FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6150-0120

## PROPELLER - ATA 61

08-0502-4000 08-2024-0000

## POWER PLANT - ATA 71

08-2023-0010 08-4049-0013  
K-2110 -- R K1057 -- R

## Beech

See Hawker Beechcraft

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**Bell****204, 205, 212, UH-1, UH-1H****LIFTING & SHORING - ATA 7**

|              |             |
|--------------|-------------|
| 02-0511-0132 | Forward (2) |
| 02A7898C0100 | Forward (2) |
| 02-0511-0132 | Aft (2)     |
| 02A7898C0100 | Aft (2)     |
| K-1106       |             |

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 11-6602-1000 |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 | 11-6644-1010 |
| 112820C1T3  | 92-0552-9000 |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3001-4900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 50101AB                  |  |
| (recommended base model) |  |

**ICE & RAIN PROTECTION - ATA 30**

|              |  |
|--------------|--|
| 09-4003-4010 |  |
|--------------|--|

**FUSELAGE - ATA 53**

|                        |  |
|------------------------|--|
| 04-6028-0121           |  |
| K-3057 Crane Hook -- R |  |
| 04-6029-5111           |  |
| 04-6150-0120           |  |

**POWER PLANT - ATA 71**

|              |  |
|--------------|--|
| 08-4048-1012 |  |
| K-1152 -- R  |  |

**206B3, 206L4, 206LT, 407, 407GX, CH-139, OH-58, TH-67****LIFTING & SHORING - ATA 7****Low Skid Gear**

|              |             |
|--------------|-------------|
| 02-0511-0132 | Forward (2) |
| 02A7898C0100 | Forward (2) |
| 02-0517-0140 | Aft         |

**High Skid Gear**

|              |             |
|--------------|-------------|
| 02-0522-0140 | Forward (2) |
| 02-0522C0141 | Forward (2) |
| 02-7856-0100 | Aft (2)     |

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 |              |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

**ELECTRICAL POWER - ATA 24**

|              |                 |
|--------------|-----------------|
| 112820CT3    | 11-6602-1000    |
| 112820CST3   | 11-6610-6000    |
| 112820CS1T3  | 11-6641C1010    |
| 112820C1T3   | 11-6641C1010-A1 |
| 92-0552-9000 | 11-6644C1010    |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 50101AB                  |  |
| 5220                     |  |
| (recommended base model) |  |

**ICE & RAIN PROTECTION - ATA 30**

|              |  |
|--------------|--|
| 09-4003-4010 |  |
|--------------|--|

**FUSELAGE - ATA 53**

|                        |  |
|------------------------|--|
| 04-6028-0121           |  |
| K-3057 Crane Hook -- R |  |
| Z-4082 Lift Tray -- R  |  |
| 04-6150-0120           |  |

**POWER PLANT - ATA 71**

|              |              |
|--------------|--------------|
| 08-0104-4000 | 08-4048-0013 |
| 08-2023-0010 |              |
| K-2108 -- R  |              |

**214, 214ST****LIFTING & SHORING - ATA 7****Skid**

|              |          |
|--------------|----------|
| 02-0511-0132 | Main     |
| 02A7898C0100 | Main     |
| 02-0517-0140 | Nose (2) |

**Landing Gear**

|              |          |
|--------------|----------|
| 02-0511-0132 | Nose     |
| 02A7898C0100 | Nose     |
| 02-0520-0110 | Main (2) |

**TOWING & TAXIING - ATA 9**

|               |           |
|---------------|-----------|
| *01-1150-0000 |           |
| 01-1202-0000  |           |
| 01-0535-0000  | Head -- R |
| 01-1216-0000  |           |
| 01-1954-6000  |           |

**PARKING & MOORING - ATA 10**

|              |  |
|--------------|--|
| 99-9028-6000 |  |
|--------------|--|

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 |              |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 11-6602-1000 |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 | 11-6644-1010 |
| 112820C1T3  | 92-0552-9000 |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 52101EB_C                |  |
| (recommended base model) |  |

**ICE & RAIN PROTECTION - ATA 30**

|              |  |
|--------------|--|
| 09-4003-4010 |  |
|--------------|--|

**LANDING GEAR - ATA 32**

|              |              |
|--------------|--------------|
| 14-4039-0010 |              |
| 14-6801-0120 |              |
| Z-1063-09    | Nose -- R    |
| Z-1063-11    | Main -- R    |
| 14-6802-6000 | 14-6807-6011 |
| 14-6804-6000 | 14-6808-6000 |
| 14-6805-6010 | 14-6883-0110 |
| 14-6806-6011 |              |

**FUSELAGE - ATA 53**

|                       |  |
|-----------------------|--|
| 04-6028-0121          |  |
| Z-4082 Lift Tray -- R |  |
| 04-6029-5111          |  |
| 04-6150-0120          |  |

**POWER PLANT - ATA 71**

|              |  |
|--------------|--|
| 08-4048-0013 |  |
|--------------|--|

**222, 230, 430****LIFTING & SHORING - ATA 7**

|              |          |
|--------------|----------|
| 02-0511-0132 | Nose     |
| 02A7898C0100 | Nose     |
| 02-0520-0110 | Main (2) |
| K-1106       |          |

**430 - Landing Gear Only**

|              |          |
|--------------|----------|
| 02-0517-0140 | Main (2) |
|--------------|----------|

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1134-0006 |           |
| 01-1202-0000 |           |
| 01-0525-0000 | Head -- R |
| 01-1216-0000 |           |
| 01-1954-6000 |           |

**PARKING & MOORING - ATA 10**

|              |  |
|--------------|--|
| 99-9028-6000 |  |
|--------------|--|

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 |              |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 11-6602-1000 |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 | 11-6644C1010 |
| 112820C1T3  | 92-0552-9000 |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 50101AB                  |  |
| (recommended base model) |  |

**ICE & RAIN PROTECTION - ATA 30**

|              |  |
|--------------|--|
| 09-4003-4010 |  |
|--------------|--|

**LANDING GEAR - ATA 32**

|              |              |
|--------------|--------------|
| 14-4039-0010 |              |
| 14-6801-0120 |              |
| Z-1063-08    | Nose -- R    |
| Z-1063-09    | Main -- R    |
| 14-6802-6000 | 14-6807-6011 |
| 14-6804-6000 | 14-6808-6000 |
| 14-6805-6010 | 14-6883-0110 |
| 14-6806-6011 |              |

**FUSELAGE - ATA 53**

|                        |  |
|------------------------|--|
| 04-6028-0121           |  |
| K-3057 Crane Hook -- R |  |
| Z-4082 Lift Tray -- R  |  |
| 04-6029-5111           |  |
| 04-6150-0120           |  |

**POWER PLANT - ATA 71**

|                         |  |
|-------------------------|--|
| 08-0104-4000            |  |
| 08-0105-4000            |  |
| 08-2023-0010            |  |
| K-2108 Allison 250 -- R |  |
| K-2111 LTS101 -- R      |  |
| 08-4048-0013            |  |

**427****LIFTING & SHORING - ATA 7**

|              |          |
|--------------|----------|
| 02-0511-0132 | Aft (2)  |
| 02A7898C0100 | Aft (2)  |
| 02-0517-0140 | Main (2) |
| 02-0517-0140 | Nose     |

**High Skid Gear**

|              |          |
|--------------|----------|
| 02-7856-0100 | Main (2) |
| 02-7856-0100 | Nose     |

**ELECTRICAL POWER - ATA 24**

|             |        |
|-------------|--------|
| 112820CT3   | 112850 |
| 112820CST3  | 112860 |
| 112820CS1T3 |        |
| 112820C1T3  |        |

**HYDRAULIC POWER - ATA 29**

|                         |  |
|-------------------------|--|
| 50101EB_C               |  |
| (recommended base unit) |  |

**412****LIFTING & SHORING - ATA 7**

|              |             |
|--------------|-------------|
| 02-0511-0132 | Forward (2) |
| 02A7898C0100 | Forward (2) |
| 02-0511-0132 | Aft (2)     |
| 02A7898C0100 | Aft (2)     |
| K-1106       |             |

**TOWING & TAXIING - ATA 9**

|                                     |  |
|-------------------------------------|--|
| 01-1232-0000                        |  |
| (412 with retractable landing gear) |  |

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 |              |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 11-6602-1000 |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 | 11-6644C1010 |
| 112820C1T3  | 92-0552-9000 |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3001-4900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 51101AB                  |  |
| (recommended base model) |  |

**ICE & RAIN PROTECTION - ATA 30**

|              |  |
|--------------|--|
| 09-4003-4010 |  |
|--------------|--|

**FUSELAGE - ATA 53**

|              |              |
|--------------|--------------|
| 04-6029-5111 | 04-6150-0120 |
|--------------|--------------|

**POWER PLANT - ATA 71**

|              |  |
|--------------|--|
| 08T4049-0013 |  |
| K-1152 -- R  |  |

**429****LIFTING & SHORING - ATA 7**

|              |          |
|--------------|----------|
| 02-0517-0140 | Main (2) |
| 02-0517-0140 | Nose     |

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 |              |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-0800 | 06-5022-6800 |
| 06-4035-0800 | 06-5042-0800 |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

**ELECTRICAL POWER - ATA 24**

|             |        |
|-------------|--------|
| 112820CT3   | 112850 |
| 112820CST3  | 112860 |
| 112820CS1T3 |        |
| 112820C1T3  |        |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |        |
|--------------------------|--------|
| 5240EB                   | 5241EB |
| (recommended base model) |        |

**ICE & RAIN PROTECTION - ATA 30**

|              |  |
|--------------|--|
| 09-4003-4010 |  |
|--------------|--|

**LANDING GEAR - ATA 32**

|              |                |
|--------------|----------------|
| 14-6802-6000 | 14-4039-0010   |
| 14-6804-6000 | 14-6801-0120   |
| 14-6805-6010 | Z-1063-09 -- R |
| 14-6806-6011 | Z-1063-08 -- R |
| 14-6807-6011 | 14-6883-0110   |
| 14-6808-6000 |                |

# Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

## Boeing

### 234 Chinook

#### LIFTING & SHORING - ATA 7

02-7809-0110 Main  
02-7813C0100 Axle

#### TOWING & TAXIING - ATA 9

01-1335-0000

#### SERVICING - ATA 12

##### HYDRAULIC RESERVOIR FLUID

06-5022-6500-A7  
N-2424-06 -- R  
N-2559-06 -- R

#### ELECTRICAL POWER - ATA 24

11\_6650-1000 11C6652-1010  
11\_6650-1010 11C-6658-1000  
11\_6663C1010

#### HYDRAULIC POWER - ATA 29

54101CD  
(recommended base model)

### 707

#### LIFTING & SHORING - ATA 7

02-2560-0111 Forward  
02-7802-011 Aft  
02A7850-0100 Main

#### TOWING & TAXIING - ATA 9

01-1318-0000

#### PARKING & MOORING - ATA 10

99-9028-6000

#### SERVICING - ATA 12

##### POTABLE WATER

19-4301-0000 19-4303-0000

##### ENGINE OIL

06-5022-6800 06-5043-1800  
06-5024-3800

##### HYDRAULIC FLUID

06-4005-3611 06-5024-3610  
06-4035-3600 06-5025-3610  
06-4035-3600 06-5042-3600  
06-5022-6600

##### NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

##### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

#### ELECTRICAL POWER - ATA 24

11-6610-6000

#### FUEL - ATA 28

07-3000-1921

#### HYDRAULIC POWER - ATA 29

54301BC  
(recommended base model)

#### LANDING GEAR - ATA 32

14-6802-6000 14-6808-6000  
14-6804-6000 14-6878-0110  
14-6805-6010 14-6883-0110  
14-6806-6011 K-2965 -- R  
14-6807-6011

#### FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

#### POWER PLANT - ATA 71

08-4049-0013

### 717

#### LIFTING & SHORING - ATA 7

02-1032-0111 Forward  
02-7844-0111 Aft  
02A7850-0100 Main (2)

#### TOWING & TAXIING - ATA 9

01-1267-0000

#### PARKING & MOORING - ATA 10

99-9028-6000

#### SERVICING - ATA 12

##### LAVATORY

10-6401-0010 10-6411-0000  
K-2029 and K-2410 -- R

##### POTABLE WATER

19-4301-0000 19-4303-0000

##### ENGINE OIL

06-5010-6800 06-5042-0800  
06-5022-6800  
KHC-2173 CSD Fill -- R  
KHC-2258 CSD Overflow -- R

##### HYDRAULIC FLUID

06-4005-3611 06-5042-3600  
06-4035-3600 06-5043-3600

##### NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

##### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000

#### ELECTRICAL POWER - ATA 24

11-6610-6000

#### FUEL - ATA 28

07-3000-1921

#### HYDRAULIC POWER - ATA 29

54301GE\_C  
(recommended base model)

#### LANDING GEAR - ATA 32

14-6802-6000 14-6808-6000  
14-6804-6000 14-6878-0110  
14-6805-6010 14-6883-0110  
14-6806-6011 K-2965 -- R  
14-6807-6011

#### FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

### 727-100, -200

#### LIFTING & SHORING - ATA 7

02A2560-0111 Forward  
02A7844-0111 Aft  
02A7850-0100 Main (2)  
K-1106-A2

#### TOWING & TAXIING - ATA 9

01-1247-0000  
01-1322-0000  
01-0705-0003 Head -- R  
K-4038 -- R  
01-0713-0000 Head -- R  
01-1323-0000  
01-0712-0000 Head -- R

#### PARKING & MOORING - ATA 10

99-9028-6000

#### SERVICING - ATA 12

##### LAVATORY

727-200 Only  
10-6401-0010 10-6411-0000  
K-2410 and K-2922 -- R

##### POTABLE WATER

19-4301-0000 19-4303-0000

##### ENGINE OIL

06-5022-6800  
06-5042-0800  
KHC-2173 CSD Fill -- R  
06-5043-1800 727-100 Only  
06-5024-3800 727-200 Only

##### HYDRAULIC FLUID

06-4005-3611 06-5042-3600  
06-4035-3600 06-5043-3600  
06-5022-6600  
KHC-2014 Reservoir -- R

##### NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

##### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

#### ELECTRICAL POWER - ATA 24

11-6610-6000

#### HYDRAULIC POWER - ATA 29

56301BN 727-100 Only  
57301BN 727-200 Only  
(recommended base model)

#### LANDING GEAR - ATA 32

14-6802-6000 14-6808-6000  
14-6804-6000 14-6878-0110  
14-6805-6010 14-6883-0110  
14-6806-6011 K-2965 -- R  
14-6807-6011

#### FUSELAGE - ATA 53

04-6001-1100  
04-6030-5111 727-100 Only  
04-6029-5111 727-200 Only

#### POWER PLANT - ATA 71

08-4044-0010

### 737-100, -200, -300, -400, -500, -600, -700, -800, -900, BBJ, BBJ2, P-8 Posedion

#### LIFTING & SHORING - ATA 7

02A7896C0100 Forward  
02A7895C0100 Main (2)  
02A7897C0100 Aft  
K-1106-A2

#### TOWING & TAXIING - ATA 9

-100 & -200:

01-1165-0012  
01-1319-0000  
01-1359-0100  
01-1322-0000

01-0702-0000 Head -- R

01-0703-0000 Head -- R

01-0714-0000 Head -- R

01-1323-0000

01-0707-0000 Head -- R

01-0708-0000 Head -- R

01-0709-0000 Head -- R

-300 thru -900:

01-1246-0010 BBJ & BBJ2

01-1359-0100

01-1322-0000

01-0714-0000 Head -- R

#### PARKING & MOORING - ATA 10

99-9028-6000

#### SERVICING - ATA 12

##### LAVATORY

10-6401-0010 10-6411-0000

K-2410 and K-2922 -- R

##### POTABLE WATER

19-4301-0000 19-4303-0000

##### ENGINE OIL

06-5022-6800 06-5042-0800  
06-5024-3800

### 737-600, -700, -800, -900, BBJ, BBJ2

06-5073-0800

KHC-2173 CSD Fill -- R

##### HYDRAULIC FLUID

06-4005-3611 06-5042-3600  
06-4035-3600 06-5043-3600

06-5022-6600

KHC-2014 Reservoir -- R

##### NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

##### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

#### ELECTRICAL POWER - ATA 24

11-6610-6000  
11B6652-1010 737s ONLY

#### FUEL - ATA 28

07-3000-1921 07-3001-4900

#### HYDRAULIC POWER - ATA 29

57301BC  
(recommended base model)

#### LANDING GEAR - ATA 32

14-6802-6000 14-6808-6000  
14-6804-6000 14-6878-0110  
14-6805-6010 14-6883-0110  
14-6806-6011 K-2965 -- R  
14-6807-6011

#### FUSELAGE - ATA 53

04-6001-1100 04-6030-5111  
04-6005-1100

#### POWER PLANT - ATA 71

08-4044-0010  
K-2248 -- R

## Boeing

(continued on the following page)



The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**Boeing** (continued)**747****TOWING & TAXIING - ATA 9**

01-1204-0010

**PARKING & MOORING - ATA 10**

99-9028-6036

**SERVICING - ATA 12****POTABLE WATER**

19-4301-0000 19-4303-0000

**ENGINE OIL**

06-5022-6800 06-5042-0800

06-5024-3800 06-5073-0800

KHC-2173 CSD Fill -- R

**HYDRAULIC FLUID**

06-4005-3611 06-5025-3610

06-4035-3600 06-5043-3600

06-5024-3610

KHC-1009 Reservoir -- R

**NITROGEN**

18-4303-0000 18-4208-0010

18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000

20-4503-6000 20-4505-7000

PC-1006 or PC-1009 -- R

**ELECTRICAL POWER - ATA 24**

11-6610-6000

**HYDRAULIC POWER - ATA 29**

58301BJ

(recommended base model)

**LANDING GEAR - ATA 32**

14-6883-0110

K-2965 -- R

**FUSELAGE - ATA 53**

04-6001-1100 04-6030-5111

**STARTING - ATA 80**

SA500\_2

**747-8****TOWING & TAXIING - ATA 9**

01-1204-0010

**HYDRAULIC POWER - ATA 29**

13-6600-3600

AGE10600C

**757****TOWING & TAXIING - ATA 9**

01-1205-0010

01-1322-0000

01-0704-0000 Head -- R

01-1323-0000

01-0711-0000 Head -- R

**PARKING & MOORING - ATA 10**

99-9028-6024

**SERVICING - ATA 12****POTABLE WATER**

19-4301-0000 19-4303-0000

**ENGINE OIL**

06-5010-6800 06-5042-0800

06-5022-6800 06-5073-0800

06-5024-3800

KHC-2173 CSD Fill -- R

KHC-2258 CSD Overflow -- R

**HYDRAULIC FLUID**

06-4005-3611 06-5025-3610

06-4035-3600 06-5043-3600

06-5024-3610

KHC-2014 Reservoir -- R

**NITROGEN**

18-4303-0000 18-4208-0010

18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000

20-4502-6000 20-4505-7000

PC-1006 or PC-1009 -- R

**ELECTRICAL POWER - ATA 24**

11-6610-6000

**FUEL - ATA 28**

07-3000-1921 07-3001-4900

**HYDRAULIC POWER - ATA 29**

58301BJ

(recommended base model)

**LANDING GEAR - ATA 32**

14-6878-0110

14-6883-0110

K-2965 -- R

**FUSELAGE - ATA 53**

04-6001-1100 04-6030-5111

**767****TOWING & TAXIING - ATA 9**

01-1207-0010

**PARKING & MOORING - ATA 10**

99-9028-6036

**SERVICING - ATA 12****POTABLE WATER**

19-4301-0000 19-4303-0000

**ENGINE OIL**

06-5022-6800 06-5042-0800

06-5024-3800 06-5043-1800

06-5073-0800

KHC-2173 CSD Fill -- R

KHC-2258 CSD Overflow -- R

**HYDRAULIC FLUID**

06-4005-3611 06-5024-3610

06-4035-3600 06-5042-3600

06-5022-6600 06-5043-3600

**NITROGEN**

18-4303-0000 18-4208-0010

18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000

20-4502-6000 20-4505-7000

PC-1006 or PC-1009 -- R

**ELECTRICAL POWER - ATA 24**

11-6610-6000

**FLIGHT CONTROLS - ATA 27**

06-5031-3600 call for information

**HYDRAULIC POWER - ATA 29**

58301BJ

(recommended base model)

**LANDING GEAR - ATA 32**

14-6802-6000 14-6883-0110

14-6878-0110 K-2965 -- R

**FUSELAGE - ATA 53**

04-6001-1100 04-6030-5111

**777****TOWING & TAXIING - ATA 9**

01-1340-0100

**PARKING & MOORING - ATA 10**

99-9028-6036

**SERVICING - ATA 12****POTABLE WATER**

19-4301-0000 19-4303-0000

**ENGINE OIL**

06-5022-6800 06-5042-0800

06-5024-3800 06-5043-1800

06-5073-0800

KHC-2173 CSD Fill -- R

**HYDRAULIC FLUID**

06-4005-3611 06-5042-3600

06-4035-3600 06-5043-3600

06-5024-3610

**NITROGEN**

18-4303-0000 18-4208-0010

18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000

20-4502-6000 20-4505-7000

PC-1006 or PC-1009 -- R

**ELECTRICAL POWER - ATA 24**

11-6610-6000

**HYDRAULIC POWER - ATA 29**

58301BJ

(recommended base model)

**LANDING GEAR - ATA 32**

14-6878-0110

14-6883-0110

K-2965 -- R

**FUSELAGE - ATA 53**

04-6001-1100 04-6030-5111

**787****TOWING & TAXIING - ATA 9**

01-1207-0010

**HYDRAULIC POWER - ATA 29**

59321 5L331

(recommended base models)

13-6609-6610

**Apache AH-64****TOWING & TAXIING - ATA 9**

01-1185-0011

**SERVICING - ATA 12****HYDRAULIC RESERVOIR FLUID**

06-5022-6500-A7

N-2417-06 -- R

N-2705-06 -- R

**HYDRAULIC POWER - ATA 29**

52200EA

(recommended base unit)

KHC-4020

KHC-4034

**CH47, MH47 Chinook****LIFTING & SHORING - ATA 7**

02-7809-0110 Main

02-7813C0100 Axle

**TOWING & TAXIING - ATA 9**

01-1335-0000

**SERVICING - ATA 12****HYDRAULIC RESERVOIR FLUID**

06-5022-6500-A7

N-2424-06 -- R

N-2559-06 -- R

**HYDRAULIC POWER - ATA 29**

54101CD

(recommended base model)

**DC-8 Series 60****PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

10-6401-0010 10-6411-0000

K-2029 and K-2410 -- R

**POTABLE WATER**

19-4301-0000 19-4303-0000

**ENGINE OIL**

06-5022-6800 06-5042-0800

06-5024-3800

KHC-2173 CSD Fill -- R

**HYDRAULIC FLUID**

06-4005-3611 06-5042-3600

06-4035-3600 06-5043-3600

06-5022-6600

KHC-2259 Reservoir -- R

**NITROGEN**

18-4303-0000 18-4208-0010

18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000

20-4502-6000 20-4505-7000

**ELECTRICAL POWER - ATA 24**

11-6610-6000

**FUEL - ATA 28**

07-3000-1921

**HYDRAULIC POWER - ATA 29**

56301BC

(recommended base model)

**LANDING GEAR - ATA 32**

14-6802-6000 14-6830-6012

14-6804-6000 14-6878-0110

14-6805-6010 14-6883-0110

14-6806-6011 K-2965 -- R

14-6808-6000

**FUSELAGE - ATA 53**

04-6001-1100 04-6030-5111

**Boeing**

(continued on the following page)

## Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

## Boeing (continued)

## DC-9 Series 10, 20, 30, 33

## LIFTING &amp; SHORING - ATA 7

|                        |          |
|------------------------|----------|
| DC-9 Series 10, 20, 30 |          |
| 02-1032-0111           | Forward  |
| 02-1040-0111           | Aft      |
| 02-1256-0111           | Aft      |
| 02-7803-0111           | Main (2) |

## DC-9 Series 33

|              |          |
|--------------|----------|
| 02-1032-0111 | Forward  |
| 02-1256-0111 | Aft      |
| 02-7803-0111 | Main (2) |
| 02-7844-0111 | Aft      |

## TOWING &amp; TAXIING - ATA 9

|              |           |
|--------------|-----------|
| 01-1166-0010 |           |
| 01-1267-0000 |           |
| 01-1322-0000 |           |
| 01-0606-0000 | Head -- R |

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

## LAVATORY

|                        |              |
|------------------------|--------------|
| 10-6401-0010           | 10-6411-0000 |
| K-2029 and K-2410 -- R |              |

## POTABLE WATER

|              |              |
|--------------|--------------|
| 19-4301-0000 | 19-4303-0000 |
|--------------|--------------|

## ENGINE OIL

|                            |              |
|----------------------------|--------------|
| 06-5022-6800               | 06-5042-0800 |
| 06-5024-3800               |              |
| KHC-2173 CSD Fill -- R     |              |
| KHC-2258 CSD Overflow -- R |              |

## HYDRAULIC FLUID

|                         |              |
|-------------------------|--------------|
| 06-4005-3611            | 06-5042-3600 |
| 06-4035-3600            | 06-5043-3600 |
| 06-5022-6600            |              |
| KHC-1009 Reservoir -- R |              |

## NITROGEN

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

## OXYGEN

|                         |              |
|-------------------------|--------------|
| 20-4500-7000            | 20-4504-7000 |
| 20-4502-6000            | 20-4505-7000 |
| PC-1006 or PC-1009 -- R |              |

## ELECTRICAL POWER - ATA 24

11-6610-6000

## FUEL - ATA 28

07-3000-1921

## HYDRAULIC POWER - ATA 29

|                                   |  |
|-----------------------------------|--|
| 54301BC (series with 2 couplings) |  |
| 54301BB (series with 1 coupling)  |  |
| (recommended base model)          |  |

## LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6802-6000 | 14-6830-6012 |
| 14-6804-6000 | 14-6878-0110 |
| 14-6805-6010 | 14-6883-0110 |
| 14-6806-6011 | K-2965 -- R  |
| 14-6808-6000 |              |

## FUSELAGE - ATA 53

|              |              |
|--------------|--------------|
| 04-6001-1100 | 04-6030-5111 |
|--------------|--------------|

## DC-9 Series 40, 50

## LIFTING &amp; SHORING - ATA 7

|                |          |
|----------------|----------|
| 02A1032-0111   | Forward  |
| 02A7844-0111   | Aft      |
| 02A7850-0100   | Main (2) |
| K-1106-A2 -- R |          |

## TOWING &amp; TAXIING - ATA 9

|              |                |
|--------------|----------------|
| 01-1166-0010 | (DC-9/50 ONLY) |
| 01-1267-0000 | (DC-9/50 ONLY) |
| 01-1322-0000 |                |
| 01-0606-0000 | Head -- R      |

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

## LAVATORY

|                        |              |
|------------------------|--------------|
| 10-6401-0010           | 10-6411-0000 |
| K-2029 and K-2410 -- R |              |

## POTABLE WATER

|              |              |
|--------------|--------------|
| 19-4301-0000 | 19-4303-0000 |
|--------------|--------------|

## ENGINE OIL

|                            |              |
|----------------------------|--------------|
| 06-5022-6800               | 06-5042-0800 |
| 06-5043-1800               |              |
| KHC-2173 CSD Fill -- R     |              |
| KHC-2258 CSD Overflow -- R |              |

## HYDRAULIC FLUID

|                         |              |
|-------------------------|--------------|
| 06-4005-3611            | 06-5042-3600 |
| 06-4035-3600            | 06-5043-3600 |
| 06-5022-6600            |              |
| KHC-1009 Reservoir -- R |              |

## NITROGEN

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

## OXYGEN

|                         |              |
|-------------------------|--------------|
| 20-4500-7000            | 20-4504-7000 |
| 20-4502-6000            | 20-4505-7000 |
| PC-1006 or PC-1009 -- R |              |

## ELECTRICAL POWER - ATA 24

11-6610-6000

## FUEL - ATA 28

07-3000-1921

## HYDRAULIC POWER - ATA 29

|                                   |  |
|-----------------------------------|--|
| 54301BC (series with 2 couplings) |  |
| 54301BB (series with 1 coupling)  |  |
| (recommended base model)          |  |

## LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6802-6000 | 14-6830-6012 |
| 14-6804-6000 | 14-6878-0110 |
| 14-6805-6010 | 14-6883-0110 |
| 14-6806-6011 | K-2965 -- R  |
| 14-6808-6000 |              |

## FUSELAGE - ATA 53

|              |              |
|--------------|--------------|
| 04-6001-1100 | 04-6030-5111 |
|--------------|--------------|

## MD-80

## LIFTING &amp; SHORING - ATA 7

|                |          |
|----------------|----------|
| 02A1032-0111   | Forward  |
| 02A7844-0111   | Aft      |
| 02A7850-0100   | Main (2) |
| K-1106-A2 -- R |          |

## TOWING &amp; TAXIING - ATA 9

|              |           |
|--------------|-----------|
| 01-1166-0010 |           |
| 01-1267-0000 |           |
| 01-1322-0000 |           |
| 01-0606-0000 | Head -- R |

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

## LAVATORY

|                        |              |
|------------------------|--------------|
| 10-6401-0010           | 10-6411-0000 |
| K-2029 and K-2410 -- R |              |

## POTABLE WATER

|              |              |
|--------------|--------------|
| 19-4301-0000 | 19-4303-0000 |
|--------------|--------------|

## ENGINE OIL

|                            |              |
|----------------------------|--------------|
| 06-5010-6800               | 06-5042-0800 |
| 06-5022-6800               |              |
| KHC-2173 CSD Fill -- R     |              |
| KHC-2258 CSD Overflow -- R |              |

## HYDRAULIC FLUID

|                         |              |
|-------------------------|--------------|
| 06-4005-3611            | 06-5042-3600 |
| 06-4035-3600            | 06-5043-3600 |
| 06-5022-6600            |              |
| KHC-1009 Reservoir -- R |              |

## NITROGEN

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

## OXYGEN

|                         |              |
|-------------------------|--------------|
| 20-4500-7000            | 20-4504-7000 |
| 20-4502-6000            | 20-4505-7000 |
| PC-1006 or PC-1009 -- R |              |

## ELECTRICAL POWER - ATA 24

11-6610-6000

## FUEL - ATA 28

07-3000-1921

## HYDRAULIC POWER - ATA 29

|                                   |  |
|-----------------------------------|--|
| 54301BC (series with 2 couplings) |  |
| 54301BB (series with 1 coupling)  |  |
| (recommended base model)          |  |

## LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6802-6000 | 14-6808-6000 |
| 14-6804-6000 | 14-6830-6012 |
| 14-6805-6010 | 14-6878-0110 |
| 14-6806-6011 | 14-6883-0110 |
| 14-6807-6011 | K-2965 -- R  |

## FUSELAGE - ATA 53

|              |              |
|--------------|--------------|
| 04-6001-1100 | 04-6030-5111 |
|--------------|--------------|

## Bombardier (Canadair)

## Challenger 300, 350

## LIFTING &amp; SHORING - ATA 7

|              |                             |
|--------------|-----------------------------|
| 02-7856-0100 | Nose                        |
| 02-1036-0111 | Main (2)                    |
| 02-7863C0100 | Axle                        |
| 03-5822C0000 | Stabilizing Stand           |
| K-3864       | Stabilizing Stand Alarm Kit |
| 03A5822-0000 | Stabilizing Stand           |

## TOWING &amp; TAXIING - ATA 9

|              |           |
|--------------|-----------|
| 01-1202-0000 |           |
| 01-0597-0000 | Head -- R |
| 01-1215-0000 |           |
| 01-0597-0000 | Head -- R |
| 01-1290-0100 |           |
| 01-1296-0000 |           |
| 01-1954-6000 |           |
| JP75         |           |

## PARKING &amp; MOORING - ATA 10

99-9015-6000

## SERVICING - ATA 12

## LAVATORY

|                        |              |
|------------------------|--------------|
| 10-4036-0010           | 10-6409-0000 |
| 10-6408-0000           |              |
| K-2029 and K-2410 -- R |              |

## POTABLE WATER

|              |              |
|--------------|--------------|
| 19-4305-0000 | 19-4306-0000 |
|--------------|--------------|

## ENGINE OIL

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5042-0800 |
| 06-5022-6800 |              |

## HYDRAULIC FLUID

|                            |  |
|----------------------------|--|
| KHC-1012 Reservoir -- R or |  |
| KHC-1012-M Reservoir -- R  |  |
| 06-4005-3611               |  |
| 06-4035-3600               |  |
| 06-5042-3600               |  |
| 06-5022-6600               |  |

## NITROGEN

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

## OXYGEN

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |

## ELECTRICAL POWER - ATA 24

|             |              |
|-------------|--------------|
| 112820CT3   | 112850       |
| 112820CST3  | 112860       |
| 112820CS1T3 | 11-6610-6000 |
| 112820C1T3  |              |

## FUEL - ATA 28

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

## HYDRAULIC POWER - ATA 29

|                              |              |
|------------------------------|--------------|
| 5430CQ (Pre S/B 100-29-05)   |              |
| 54301AI (Post S/B 100-29-05) |              |
| (recommended base model)     |              |
| 13-6613-6600                 | 13-6615-6000 |
| 13-6617-6600                 |              |

## LANDING GEAR - ATA 32

|              |               |
|--------------|---------------|
| 14-6801-0120 | 14-6808-6000  |
| 14-6802-6000 | 14-6830-6012  |
| 14-6804-6000 | 14-6883-0110  |
| 14-6806-6011 | *14-6898-6000 |
| 14-6807-6011 | 14-6903-6000  |

## FUSELAGE - ATA 53

|                        |  |
|------------------------|--|
| 04-6028-0121           |  |
| K-3057 Crane Hook -- R |  |
| Z-4082 Lift Tray -- R  |  |
| 04-6029-5111           |  |
| 04-6152-0120           |  |

## POWER PLANT - ATA 71

08-4049-0013

## Bombardier

(continued on the following page)

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**Bombardier (Canadair) (continued)****Challenger 600, 601, 604, 605 (CL605)****LIFTING & SHORING - ATA 7**

|              |                             |
|--------------|-----------------------------|
| 02-1032-0111 | Nose                        |
| 02-1036-0111 | Main (2)                    |
| 02-7813C0100 | Axle                        |
| 03-5800C0010 | Stabilizing Stand           |
| K-3864       | Stabilizing Stand Alarm Kit |
| 03A5800C0010 | Stabilizing Stand           |

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1186-0000 |           |
| 01-1196-0010 |           |
| 01-1202-0000 |           |
| 01-0550-0000 | Head -- R |
| 01-1954-6000 |           |
| JP75         |           |

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

|                   |              |
|-------------------|--------------|
| 10-4036-0010      | 10-6409-0000 |
| 10-6408-0000      |              |
| K-2410 and K-2412 | -- R         |

**POTABLE WATER**

|              |              |
|--------------|--------------|
| 19-4305-0000 | 19-4306-0000 |
|--------------|--------------|

**ENGINE OIL**

|                   |              |
|-------------------|--------------|
| 06-5009-6800      | 06-5022-6800 |
| 06-5010-6800      | 06-5042-0800 |
| KHC-2173 CSD Fill | -- R         |

**HYDRAULIC FLUID**

|                    |              |
|--------------------|--------------|
| 06-4005-3611       | 06-5022-6600 |
| 06-4035-3600       |              |
| 06-5042-3600       |              |
| KHC-1012 Reservoir | -- R or      |
| KHC-1012 Reservoir | -- R         |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006      | -- R         |

**ELECTRICAL POWER - ATA 24**

11-6610-6000

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |              |
|--------------------------|--------------|
| 52301AI                  |              |
| (recommended base model) |              |
| 13-6613-6600             | 13-6615-6000 |
| 13-6617-6600             |              |

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

|                |               |
|----------------|---------------|
| 14-6801-0120   | *18-4216-6000 |
| Z-1063-17 Main | -- R          |
| Z-1064-13 Nose | -- R          |
| 14-6802-6000   | 14-6808-6000  |
| 14-6804-6000   | 14-6830-6012  |
| 14-6805-6010   | 14-6883-0110  |
| 14-6806-6011   | *18-4216-6000 |
| 14-6807-6011   |               |

**FUSELAGE - ATA 53**

|              |                 |
|--------------|-----------------|
| 04-6001-1100 | 04-6029-5111    |
| 04-6005-1100 | 04-6152-0120    |
| 04-6028-0121 |                 |
| K-3057       | Crane Hook -- R |
| Z-4082       | Lift Tray -- R  |

**POWER PLANT - ATA 71**

|              |      |
|--------------|------|
| 08-4048-0013 |      |
| K-1710       | -- R |

**Challenger 850, CRJ100, CRJ200****LIFTING & SHORING - ATA 7**

|              |                             |
|--------------|-----------------------------|
| 02-0527-0140 | Nose                        |
| 02-1036-0111 | Main (2)                    |
| 02-7813C0100 | Axle                        |
| 03-5800C0010 | Stabilizing Stand           |
| K-3864       | Stabilizing Stand Alarm Kit |
| 03A5800C0010 | Stabilizing Stand           |

**TOWING & TAXIING - ATA 9**

|              |                 |
|--------------|-----------------|
| 01-1201-0011 |                 |
| 01-0571-0011 | Head -- R       |
| 01-1215-0000 |                 |
| 01-1229-0011 |                 |
| 01-1290-0100 |                 |
| 01-1954-6000 |                 |
| JP75         |                 |
| JP100SSC     | CRJ100 & CRJ200 |

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

|                   |              |
|-------------------|--------------|
| 10-6402-0010      | 10-6410-0000 |
| K-2029 and K-2410 | -- R         |

**POTABLE WATER**

|              |              |
|--------------|--------------|
| 19-4301-0000 | 19-4303-0000 |
|--------------|--------------|

**ENGINE OIL**

|                   |              |
|-------------------|--------------|
| 06-5010-6800      | 06-5042-0800 |
| 06-5022-6800      | 06-5073-0800 |
| KHC-2173 CSD Fill | -- R         |

**HYDRAULIC FLUID**

|                      |              |
|----------------------|--------------|
| 06-4005-3611         | 06-5022-6600 |
| 06-4035-3600         | 06-5042-3600 |
| KHC-1012 Reservoir   | -- R or      |
| KHC-1012-M Reservoir | -- R         |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

**OXYGEN**

|                    |              |
|--------------------|--------------|
| 20-4500-7000       | 20-4504-7000 |
| 20-4502-6000       | 20-4505-7000 |
| PC-1006 or PC-1009 | -- R         |

**AIR CONDITIONING - ATA 21**

|              |              |
|--------------|--------------|
| 15-7603-1000 | (base model) |
| 17-7520-0000 |              |

**ELECTRICAL POWER - ATA 24**

|                      |              |
|----------------------|--------------|
| 11-6610-6000         |              |
| CRJ100 & CRJ200 Only |              |
| 112820C              | 11_6649-1000 |
| 112850               | 11_6649-1010 |
| 112860               |              |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3001-4900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |              |
|--------------------------|--------------|
| 54301EI_C                |              |
| (recommended base model) |              |
| 13-6613-6600             | 13-6615-6000 |
| 13-6617-6600             |              |

**ICE & RAIN PROTECTION - ATA 30**

09-6200-001\_

**LANDING GEAR - ATA 32**

|                |              |
|----------------|--------------|
| 14-6801-0120   |              |
| Z-1063-18 Main | -- R         |
| Z-1064-13 Nose | -- R         |
| 14-6802-6000   | 14-6807-6011 |
| 14-6804-6000   | 14-6808-6000 |
| 14-6405-6010   | 14-6883-0110 |
| 14-6806-6011   |              |

**FUSELAGE - ATA 53**

|              |                |
|--------------|----------------|
| 04-6001-1100 | 04-6029-5111   |
| 04-6005-1100 | 04-6152-0120   |
| Z-4082       | Lift Tray -- R |

**POWER PLANT - ATA 71**

|              |      |
|--------------|------|
| 08-4049-0013 |      |
| K-1710       | -- R |

**Challenger 870, 890, CRJ700, CRJ900, CRJ1000****LIFTING & SHORING - ATA 7**

|              |                             |
|--------------|-----------------------------|
| 02A7843-0112 | Main (2)                    |
| 02A7885C0100 | Main (2)                    |
| 02A7845C0120 | Nose                        |
| 02A7886C0100 | Nose                        |
| 03-5828-0000 | Stabilizing Stand           |
| K-3864       | Stabilizing Stand Alarm Kit |
| 03-5828-0000 | Stabilizing Stand           |

**Challenger 870 & 890**

|              |           |
|--------------|-----------|
| 02-7813C0100 | Axle Nose |
| K-1106-A2    | -- R      |

**CRJ700 & CRJ900**

|              |           |
|--------------|-----------|
| 02-7854C0110 | Axle Main |
| 02-7854C0110 | Axle Nose |

**TOWING & TAXIING - ATA 9**

|              |                  |
|--------------|------------------|
| 01-1270-0010 |                  |
| 01-1281-0010 |                  |
| 01-1290-0100 |                  |
| 01-0803-0000 | Head -- R        |
| JP100S       | 870, 890, CRJ900 |
| JP100SSC     | CRJ700 & CRJ900  |

**CRJ700 Only**

|              |           |
|--------------|-----------|
| 01-1201-0010 |           |
| 01-0586-0000 | Head -- R |
| 01-1282-0010 |           |
| 01-1305-0000 |           |
| 01-1954-6000 |           |
| JP75         |           |

**CRJ900 Only**

01-1328-0000

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

|                   |              |
|-------------------|--------------|
| 10-6402-0010      | 10-6410-0000 |
| K-2410 and K-2922 | -- R         |

**POTABLE WATER**

|              |              |
|--------------|--------------|
| 19-4301-0000 | 19-4303-0000 |
|--------------|--------------|

**ENGINE OIL**

|                              |              |
|------------------------------|--------------|
| 06-5010-6800                 | 06-5042-0800 |
| 06-5022-6800                 | 06-5073-0800 |
| KHC-2173 (CRJ 700, 900 ONLY) |              |

**HYDRAULIC FLUID**

|                      |              |
|----------------------|--------------|
| 06-4005-3611         | 06-5042-3600 |
| 06-4035-3600         | 06-5043-3600 |
| 06-5022-6600         |              |
| KHC-1012 Reservoir   | -- R or      |
| KHC-1012-M Reservoir | -- R         |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |

**AIR CONDITIONING - ATA 21**

|              |                                |
|--------------|--------------------------------|
| 17-7520-0000 | (Challenger 870, CRJ 700, 900) |
|--------------|--------------------------------|

**ELECTRICAL POWER - ATA 24**

|                      |              |
|----------------------|--------------|
| 11-6610-6000         |              |
| CRJ700 & CRJ900 Only |              |
| 112820C              | 11_6649-1000 |
| 112850               | 11_6649-1010 |
| 112860               |              |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                           |                   |
|---------------------------|-------------------|
| 54301EI_C                 | (870 & 890)       |
| 5630_C                    | (CRJ700 & CRJ900) |
| 5631EI_C                  | (CRJ700 & CRJ900) |
| (recommended base models) |                   |
| 13-6613-6600              | 13-6615-6000      |
| 13-6617-6600              |                   |

continued on next column

**Challenger 870, 890, CRJ700, CRJ900, CRJ1000****LANDING GEAR - ATA 32**

|              |                 |
|--------------|-----------------|
| 14-6802-6000 | 14-6807-6011    |
| 14-6804-6000 | 14-6808-6000    |
| 14-6405-6010 | 14-6878-0110    |
| 14-6806-6011 | 14-6883-0110    |
| 14-6887-8110 | CRJ700 & CRJ900 |

**FUSELAGE - ATA 53**

|              |                 |
|--------------|-----------------|
| 04-6028-0121 | 04-6029-5111    |
| K-3057       | Crane Hook -- R |
| Z-4082       | Lift Tray -- R  |

**POWER PLANT - ATA 71**

|              |              |
|--------------|--------------|
| 08-0137-6000 | CRJ700 only) |
| 08-4049-001  |              |

**CRJ705****LIFTING & SHORING - ATA 7**

|              |           |
|--------------|-----------|
| 02A7843-0112 | Main (2)  |
| 02A7845-0120 | Nose      |
| 02A7886C0100 | Nose      |
| 02-7813C0100 | Axle Nose |

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1281-0010 |           |
| 01-1282-0010 |           |
| 01-1290-0100 |           |
| 01-0803-0000 | Head -- R |
| JP75         |           |

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

|              |              |
|--------------|--------------|
| 10-6402-0010 | 10-6410-0000 |
|--------------|--------------|

**POTABLE WATER**

|              |              |
|--------------|--------------|
| 19-4301-0000 | 19-4303-0000 |
|--------------|--------------|

**ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5010-6800 | 06-5042-0800 |
| 06-5022-6800 |              |

**HYDRAULIC FLUID**

|                      |              |
|----------------------|--------------|
| 06-4005-3611         | 06-5042-3600 |
| 06-4035-3600         | 06-5043-3600 |
| 06-5022-6600         |              |
| KHC-1012 Reservoir   | -- R or      |
| KHC-1012-M Reservoir | -- R         |

**NITROGEN**

18-4208-0010

**OXYGEN**

20-4505-7000

**AIR CONDITIONING - ATA 21**

17-7520-0000

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 112850       |
| 112820CST3  | 112860       |
| 112820CS1T3 | 11_6649-1000 |
| 112820CT1T3 | 11_6649-1010 |

**HYDRAULIC POWER - ATA 29**

|                           |              |
|---------------------------|--------------|
| 5630_C                    | 5631EI_C     |
| (recommended base models) |              |
| 13-6613-6600              | 13-6615-6000 |

**POWER PLANT - ATA 71**

08-4049-0013

Bombardier

(continued on the following page)

## Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

## Bombardier (Canadair)

(continued)

## CL-215, 215T, 415

## LIFTING &amp; SHORING - ATA 7

02-0527-0140 Nose  
02-1040-0111 Main (2)  
02-7813C0100 Axle

## TOWING &amp; TAXIING - ATA 9

01-1201-0010  
01-0578-0010 Head -- R  
01-1954-6000  
JP75

## ELECTRICAL POWER - ATA 24

112820CT3 112820CS1T30  
112820CST3 112820C1T3

## HYDRAULIC POWER - ATA 29

52101AB  
(recommended base model)

## CS100, CS300

## SERVICING - ATA 12

## HYDRAULIC FLUID

06-4005-3611 06-5021-1500

## NITROGEN

18-4208-0010

## HYDRAULIC POWER - ATA 29

5430  
(recommended base model)

## Bombardier (deHavilland)

## Dash-6, Twin Otter UV-18A

## LIFTING &amp; SHORING - ATA 7

02-0511-0132 Main (2)  
02-0524-0110 Nose  
02A7898C0100

## TOWING &amp; TAXIING - ATA 9

01-1202-0000  
01-0513-0000 Head -- R  
01-0544-0000 Head -- R  
Hi-flotation tires  
01-1954-6000  
JP30  
JP30L

## SERVICING - ATA 12

## LAVATORY

10-6402-0010 10-6410-0000

## AIR CONDITIONING - ATA 21

17-7520-0000

## Dash-7

## LIFTING &amp; SHORING - ATA 7

02-0522-0140 Nose  
02-0522C0141 Nose  
02-7802-0111 Main (2)  
02-7813C0100 Axle  
03-4012-0000 Stabilizing Stand  
K-3864 Stabilizing Stand Alarm Kit  
03A4012-0000 Stabilizing Stand

## TOWING &amp; TAXIING - ATA 9

01-1201-0010  
01-0517-0000 Head -- R  
01-1215-0000  
01-0517-0000 Head -- R  
01-1954-6000  
JP75

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

## LAVATORY

10-4036-0010 10-6409-0000  
10-6408-0000  
K-2029 and K-2410 -- R

## POTABLE WATER

19-4305-0000 19-4306-0000

## ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800

## HYDRAULIC FLUID

06-4005-3611 06-5022-6600  
06-4035-3600 06-5042-3600  
KHC-1014 Reservoir -- R

## NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

## OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

## ELECTRICAL POWER - ATA 24

112820CT3 112820C1T3  
112820CST3 11-6610-6000  
112820CS1T3 11-6644C1010

## FUEL - ATA 28

07-3000-1921 07-3006-6900

## HYDRAULIC POWER - ATA 29

52301EL\_BC  
(recommended base model)

## ICE &amp; RAIN PROTECTION - ATA 30

09-6200-0010

## LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-13 Nose -- R  
Z-3072-20 Main -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

## PROPELLERS - ATA 61

08-4017-0010

## FUSELAGE - ATA 53

04-6001-1100 04-6029-5111  
04-6028-0121 04-6152-0120  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R

## POWER PLANT - ATA 71

08-0120-4000  
08-4048-0013  
K-1037 -- R

## Dash-8 100, 200, 300

## LIFTING &amp; SHORING - ATA 7

02-0522-0140 Nose  
02-0522C0141 Nose  
R-1117 Main & Nose (3) -- R  
02-7802-0111 Main (2)  
02-7813C0100 Axle  
03-5819-0000 Pre 8/1795  
03-5821-0000 Post 8/1795  
K-3864 Stabilizing Stand Alarm Kit  
03A5819-0000 Pre 8/1795  
03A5821-0000 Post 8/1795

Model 301 with tail bumper

Aircraft 1 thru 23 - ONLY

03-5820-0000 Tailpost

## TOWING &amp; TAXIING - ATA 9

01-1201-0010  
01-0590-0000 Head -- R  
01-1216-0000  
01-0590-0000 Head -- R  
01-1290-0100  
01-1954-6000  
JP100SSC

## PARKING &amp; MOORING - ATA 10

99-8133-6000

## SERVICING - ATA 12

## LAVATORY

10-4036-0010 10-6409-0000  
10-6408-0000  
K-2029 and K-2410 -- R

## POTABLE WATER

19-4305-0000  
19-4306-0000  
K-2411

## ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800

## HYDRAULIC FLUID

06-4005-3611 06-5022-6600  
06-4035-3600 06-5042-3600  
KHC-1012 Reservoir -- R or  
KHC-1012-M Reservoir -- R

## HYDRAULIC FLUID - Landing Gear

06-4005-0511

## NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

## OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
20-4503-6000  
PC-1006 or PC-1009 -- R

## AIR CONDITIONING - ATA 21

17-7520-0000 (-200 & -300 ONLY)

## ELECTRICAL POWER - ATA 24

112820CT3 112860  
112820CST3 11B6649-1000  
112820CS1T3 11B6649-1010  
112820C1T3 11C6649-1000  
112850 11C6649-1010

## FUEL - ATA 28

07-3000-1921 07-3008-6900  
07-3006-6900

## HYDRAULIC POWER - ATA 29

5H311ZZ  
(recommended base model)

## ICE &amp; RAIN PROTECTION - ATA 30

09-4003-4010 09-6200-0010

## Dash-8 100, 200, 300

## LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-11 Nose - 100 -- R  
Z-1063-16 Main - 100 -- R  
Z-1063-13 Nose - 300 -- R  
Z-1063-17 Main - 300 -- R

## Hi Flotation

Z-1063-13 Nose - 100 -- R  
Z-1063-16 Main - 100 -- R  
14-6802-6000 14-6871-6010  
14-6804-6000 14-6874-6000  
14-6805-6010 14-6875-4000  
14-6806-6011 14-6876-4000  
14-6807-6011 14-6883-0110  
14-6808-6000 99-8098-6000  
14-6830-6012 99-9018-6011

## FUSELAGE - ATA 53

04-6028-0121  
K-3057 Universal Lift -- R  
Z-4082 Battery Lift -- R  
04-6029-5111  
04-6152-0120

## PROPELLERS - ATA 61

08-0504-4000 08-0111-6000  
08-0703-6000 08-0115-4000  
08-0704-4000 08-2016-0000

## POWER PLANT - ATA 71

08-0112-4000 08-2014-0000  
08-0113-4000 08-4048-0013  
08-0132-0000 K-2714 -- R

Bombardier

(continued on the following page)

(continued on next column)



The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**Bombardier (deHavilland)** (continued)**Global Express, Global 5000****LIFTING & SHORING - ATA 7**

02-1248-0112 Nose  
 02-7813C0100 Axle Nose  
 02-7835-0100 Axle Main  
 02-7835C0100 Axle Main  
 02-7844-0111 Main (2)  
 03-5822C0000 Stabilizing Stand  
 K-3864 Stabilizing Stand Alarm Kit  
 03A5822-0000 Stabilizing Stand

**TOWING & TAXIING - ATA 9**

01-1269-0020  
 01-1270-0010  
 01-0801-0010 Head -- R  
 01-1275-0010  
 01A1275-0020  
 01-1290-0100  
 01-0801-0010 Head -- R  
 JP100S

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

10-4036-0010 10-6409-0000  
 10-6408-0000  
 K-2410 and K-2412 -- R

**POTABLE WATER**

19-4305-0000 19-4306-0000

**ENGINE OIL**

06-5009-6800 06-5022-6800  
 06-5010-6800 KHC-2173

**HYDRAULIC FLUID**

06-4005-3611 06-5022-6600  
 06-4035-3600 06-5043-3600  
 KHC-1012 Reservoir -- R or  
 KHC-1012-M Reservoir -- R

**NITROGEN**

18-4303-0000 18-4208-0010  
 18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000  
 20-4502-6000 20-4505-7000  
 PC-1006 -- R

**AIR CONDITIONING - ATA 21**

15-7603-1000 (base model)

**ELECTRICAL POWER - ATA 24**

11-6610-6000

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**HYDRAULIC POWER - ATA 29**

54301BH  
 (recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6802-6000 14-6838-5110  
 14-6804-6000 14-6866-6010  
 14-6805-6010 14-6878-0110  
 14-6806-6011 14-6883-0110  
 14-6807-6011 14-6909C0000  
 14-6808-6000 14-6912-6000

**FUSELAGE - ATA 53**

04-6001-1100 04-6028-0121  
 04-6005-1100 04-6029-5111  
 Z-4082 Lift Tray -- R

**Dash-8 400****LIFTING & SHORING - ATA 7**

02A7839-0111 Main (2)  
 R-1988 (2) -- R  
 02A7848-0120 Nose  
 R-1117 -- R  
 02-7854C0110 Axle  
 K-1106-A2 -- R  
 03-5829-0000 Tailstand  
 K-3864 Stabilizing Stand Alarm Kit  
 03A5829-0000 Tailstand

**TOWING & TAXIING - ATA 9**

01-1201-0010  
 01-0400-0000 Head -- R  
 01-1216-0000  
 01-0400-0000 Head -- R  
 01-1290-0100

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

10-4036-0010 10-6409-0000  
 10-6408-0000  
 K-2029 and K-2410 -- R

**POTABLE WATER**

19-4305-0000 19-4306-0000

**ENGINE OIL**

06-5009-6800 06-5022-6800  
 06-5010-6800

**HYDRAULIC FLUID**

06-4005-3611 06-5022-6600  
 06-4035-3600 06-5042-3600  
 KHC-1012 Reservoir -- R or  
 KHC-1012-M Reservoir -- R

**HYDRAULIC FLUID - Landing Gear**

06-4005-0511

**NITROGEN**

18-4303-0000 18-4208-0010  
 18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000  
 20-4502-6000 20-4505-7000  
 20-4503-6000  
 PC-1006 or PC-1009 -- R

**AIR CONDITIONING - ATA 21**

17-7520-0000

**ELECTRICAL POWER - ATA 24**

112820CT3 112860  
 112820CST3 11B6649-1000  
 112820CS1T3 11B6649-1010  
 112820C1T3 11C6649-1000  
 112850 11C6649-1010

**FUEL - ATA 28**

07-3000-1921 07-8017-6000  
 07-3006-6900 07-8019-4000  
 07-3008-6900

**HYDRAULIC POWER - ATA 29**

56301GG\_C  
 (recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-4003-4010 09-6200-0010

**LANDING GEAR - ATA 32**

14-6802-6000 14-6878-0100  
 14-6804-6000 14-6881-0010  
 14-6805-6010 14-6882-6000  
 14-6806-6011 14-6882-6010  
 14-6807-6011 14-6883-0110  
 14-6808-6000 14-6888-6000  
 14-6830-6012 14-6889-6000  
 14-6872-8100 99-9018-6011  
 K-2734-02 -- R  
 14-6873-8100  
 K-2733-02 -- R

**FUSELAGE - ATA 53**

04-6000-0910 04-6029-5111  
 04-6028-0121 04-6152-0120  
 K-3057 Universal Lift -- R

**POWER PLANT - ATA 71**

08-0136-0010 08-4048-0013

**Bombardier (Learjet)****Learjet 23, 24, 31, 31A, 35, 55****LIFTING & SHORING - ATA 7**

02-0526-0110 Main (2)  
 02-0526-0110 Nose  
 02-7818-0110 Axle  
 03-5802-0000 Stabilizing Stand

**TOWING & TAXIING - ATA 9**

01-1102-0010  
 01-1112-0010  
 01-1202-0000  
 01-0542-0010 -- R or  
 01-0591-0000 -- R  
 01-1264-0000  
 01-1954-6000  
 JP30  
 JP30L

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****ENGINE OIL**

06-5009-6800 06-5022-6800  
 06-5010-6800 06-5042-0800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500  
 06-4035-0500 06-5042-0500  
 KHC-1139 Lear 55 -- R

**NITROGEN**

18-4303-0000 18-4208-0010  
 18-4200-1100

**OXYGEN**

20-4500-7000 20-4504-7000  
 20-4502-6000 20-4505-7000  
 PC-1006 -- R

**AIR CONDITIONING - ATA 21**

15-7603-1000 (base model)  
 K-1661 Lear 24 -- R  
 K-1286 Lear 35 -- R  
 K-2182 Lear 55 -- R  
 (S/N 1 - 124)  
 K-1360 Lear 55 -- R  
 (S/N 125 and after)  
 15-7605-6000  
 K-1661 Lear 24 -- R  
 K-1286 Lear 31, 35 -- R  
 K-1360 Lear 55 -- R  
 (S/N 1 - 124)  
 K-1360 Lear 55 -- R  
 (S/N 125 & after)

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000  
 112820CST3 11-6644C1010  
 112820CS1T3  
 112820C1T3

**FUEL - ATA 28**

07-3000-1921  
 07-3006-6900  
 H-2598 Lear 35 -- R

**HYDRAULIC POWER - ATA 29**

13-6603-6000 23 & 24 ONLY  
 51101AA  
 (recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6801-0120  
 Z-1063-11 -- R  
 Z-1064-13 -- R  
 14-6802-6000 14-6807-6011  
 14-6804-6000 14-6808-6000  
 14-6805-6010 14-6883-0110  
 14-6806-6011  
 14-6896-6000  
 K-3485 -- R  
 Piston Assemblies 5441003  
 K-3555 -- R  
 Piston Assemblies 2441107

**Learjet 23, 24, 31, 31A, 35, 55****FUSELAGE - ATA 53**

04-6000-0910 04-6029-5111  
 04-6028-0121 04-6152-0120  
 K-3057 Universal Lift -- R

**POWER PLANT - ATA 71**

08-0100-4000  
 08-0102-4010  
 08-2001-0000  
 K-2114 CJ610 -- R  
 08-2021C0000  
 K-1795 TFE731-2 &  
 TFE-731-2-3B  
 08-2030-0000  
 K-2770 TFE731-2 &  
 TFE-731-2-3B  
 08-4049-1012

**Bombardier**

(continued on the following page)

(continued on next column)

## Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

### Bombardier (Learjet) (continued)

#### Learjet 45, 70, 75

##### LIFTING & SHORING - ATA 7

|              |                   |
|--------------|-------------------|
| 02-0522-0140 | Nose              |
| 02-0522C0141 | Nose              |
| 02-1032-0111 | Main              |
| 02-7834C0111 | Axle              |
| 03-5809C0000 | Stabilizing Stand |

##### TOWING & TAXIING - ATA 9

|              |              |
|--------------|--------------|
| 01-1102-0010 |              |
| 01-1112-0010 |              |
| 01-1202-0000 |              |
| 01-0542-0010 | Head -- R    |
| 01-0591-0000 | Head w/shear |
| 01-1954-6000 |              |
| JP30         |              |
| K-4056 -- R  |              |
| JP30L        |              |
| K-4056 -- R  |              |

##### PARKING & MOORING - ATA 10

99-9028-6000

##### SERVICING - ATA 12

###### LAVATORY

|                        |              |
|------------------------|--------------|
| 10-4036-0010           | 10-6409-0000 |
| 10-6408-0000           |              |
| K-2288 and K-2412 -- R |              |

###### ENGINE OIL

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

###### HYDRAULIC FLUID

|              |                |
|--------------|----------------|
| 06-4005-0511 | 06-5022-6500   |
| 06-4035-0500 | 06-5042-0500   |
| KHC-2424     | Reservoir -- R |

###### NITROGEN

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

###### OXYGEN

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |

##### AIR CONDITIONING - ATA 21

|              |              |
|--------------|--------------|
| 15-7603-1000 | (base model) |
| K-1359 -- R  |              |
| K-3357       | Optional     |
| 15-7605-6000 |              |
| K-1359 -- R  |              |

##### ELECTRICAL POWER - ATA 24

|             |              |
|-------------|--------------|
| 112820CT3   | 11-6610-6000 |
| 112820CST3  | 11-6644C1010 |
| 112820CS1T3 |              |
| 112820C1T3  |              |

##### FUEL - ATA 28

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

##### HYDRAULIC POWER - ATA 29

|                          |  |
|--------------------------|--|
| 52101BV                  |  |
| (recommended base model) |  |

##### ICE & RAIN PROTECTION - ATA 30

|              |  |
|--------------|--|
| 09-6200-0010 |  |
|--------------|--|

##### LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-15    | Main -- R    |
| Z-1064-13    | Nose -- R    |
| 14-6802-6000 | 14-6807-6011 |
| 14-6804-6000 | 14-6808-6000 |
| 14-6805-6010 | 14-6890-0100 |
| 14-6806-6011 |              |

##### FUSELAGE - ATA 53

|              |                          |
|--------------|--------------------------|
| 04-6028-0121 |                          |
| K-3057       | Crane Hook -- R          |
| K-3189       | Wing Flap -- R           |
| K-4664       | Learjet 45 APU Lift -- R |
| Z-4082       | Lift Tray -- R           |
| 04-6029-5111 |                          |
| 04-6150-0120 |                          |

##### POWER PLANT - ATA 71

|              |              |
|--------------|--------------|
| 08-0141-4000 | 08-2030-0000 |
| 08-2021C0000 | K-2808 -- R  |
| K-3215 -- R  | 08-4048-0013 |

#### Learjet 60

##### LIFTING & SHORING - ATA 7

|              |                   |
|--------------|-------------------|
| 02-0520-0110 | Nose              |
| 02-1032-0111 | Main (2)          |
| 02-7818-0110 | Axle              |
| 03-5809C0000 | Stabilizing Stand |

##### TOWING & TAXIING - ATA 9

|              |              |
|--------------|--------------|
| 01-1102-0010 |              |
| 01-1112-0010 |              |
| 01-1202-0000 |              |
| 01-0542-0010 | Head -- R    |
| 01-0591-0000 | Head w/shear |
| 01-1954-6000 |              |
| JP30         |              |
| JP30L        |              |

##### PARKING & MOORING - ATA 10

99-9028-6000

##### SERVICING - ATA 12

###### LAVATORY

|                        |              |
|------------------------|--------------|
| 10-4036-0010           | 10-6409-0000 |
| 10-6408-0000           |              |
| K-2288 and K-2412 -- R |              |

###### ENGINE OIL

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

###### HYDRAULIC FLUID

|              |                |
|--------------|----------------|
| 06-4005-0511 | 06-5022-6500   |
| 06-4035-0500 | 06-5042-0500   |
| 06-5004-0500 |                |
| KHC-1139     | Reservoir -- R |

###### NITROGEN

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

###### OXYGEN

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006 -- R |              |

##### AIR CONDITIONING - ATA 21

|              |                  |
|--------------|------------------|
| 15-7603-1000 | (base model)     |
| K-2182       | Adaptor Kit -- R |
| 15-7605-6000 |                  |
| K-2182 -- R  |                  |

##### ELECTRICAL POWER - ATA 24

|             |              |
|-------------|--------------|
| 112820CT3   | 11-6610-6000 |
| 112820CST3  | 11-6644C1010 |
| 112820CS1T3 |              |
| 112820C1T3  |              |

##### FUEL - ATA 28

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

##### HYDRAULIC POWER - ATA 29

|                          |  |
|--------------------------|--|
| 51101AA                  |  |
| (recommended base model) |  |

##### ICE & RAIN PROTECTION - ATA 30

|              |  |
|--------------|--|
| 09-6200-0010 |  |
|--------------|--|

##### LANDING GEAR - ATA 32

|              |               |
|--------------|---------------|
| 14-6801-0120 |               |
| Z-1063-11    | Main -- R     |
| Z-1064-13    | Nose -- R     |
| 14-6802-6000 | 14-6807-6011  |
| 14-6804-6000 | 14-6808-6000  |
| 14-6805-6010 | *14-6896-6000 |
| 14-6806-6011 |               |

##### FUSELAGE - ATA 53

|              |                 |
|--------------|-----------------|
| 04-6028-0121 |                 |
| K-3057       | Crane Hook -- R |
| Z-4082       | Lift Tray -- R  |
| 04-6029-5111 |                 |
| 04-6152-0120 |                 |

##### POWER PLANT - ATA 71

|              |              |
|--------------|--------------|
| 08-0121-4010 | 08-4049-0013 |
| 08-2018-0000 |              |

#### Learjet 85

##### LIFTING & SHORING - ATA 7

|              |          |
|--------------|----------|
| 02-0536C0110 | Nose     |
| 02A1036C0111 | Main (2) |
| KHC-1106     |          |

##### TOWING & TAXIING - ATA 9

|              |                   |
|--------------|-------------------|
| 01-1202-0000 |                   |
| 01-0608-0000 | Head w/shear -- R |
| 01-1215-0000 |                   |

##### SERVICING - ATA 12

###### ENGINE OIL

|              |              |
|--------------|--------------|
| 06-4035-0800 | 06-5010-6800 |
| 06-5004-0800 | 06-5022-6800 |
| 06-5009-6800 | 06-5024-3800 |

###### HYDRAULIC FLUID

|          |                |
|----------|----------------|
| KHC-4050 | Reservoir -- R |
|----------|----------------|

##### HYDRAULIC POWER - ATA 29

|                          |  |
|--------------------------|--|
| 5441                     |  |
| (recommended base model) |  |
| KHC-4051                 |  |

### Britten Norman

#### Islander/Trislander

##### LIFTING & SHORING - ATA 7

|              |          |
|--------------|----------|
| 02-0566-0110 | Main (2) |
| R-1034 -- R  |          |

##### TOWING & TAXIING - ATA 9

|              |           |
|--------------|-----------|
| 01-1202-0000 |           |
| 01-0522-0000 | Head -- R |
| 01-1954-6000 |           |
| JP30         |           |

##### ELECTRICAL POWER - ATA 24

|             |        |
|-------------|--------|
| 112820CT3   | 112850 |
| 112820CST3  | 112860 |
| 112820CS1T3 |        |
| 112820C1T3  |        |

### Cessna

#### 150, 152, 172, 177, 180, 182, 185, 206, 207, 210

##### LIFTING & SHORING - ATA 7

|              |                   |
|--------------|-------------------|
| 02-0234-0111 | Main (2)          |
| 03-4006-0000 | Stabilizing Stand |
| 03-5400-0000 | Leg Ext. (2)      |

##### TOWING & TAXIING - ATA 9

|              |       |
|--------------|-------|
| 01-1233-0010 |       |
| JP30         | JP30L |

##### ELECTRICAL POWER - ATA 24

|            |             |
|------------|-------------|
| 112820CT3  | 112820CS1T3 |
| 112820CST3 | 112820C1T3  |

##### LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6909C0000 | 14-6911-0100 |
|--------------|--------------|

#### 310, 320, 340, 411, 414, 421

##### LIFTING & SHORING - ATA 7

|              |          |
|--------------|----------|
| 02-0222-0111 | Nose     |
| 02-0234-0111 | Main (2) |

##### TOWING & TAXIING - ATA 9

|              |           |
|--------------|-----------|
| 01-1112-0010 |           |
| 01-1202-0000 |           |
| 01-0511-0000 | Head -- R |
| 01-1954-6000 |           |
| JP30         | JP30L     |

##### AIR CONDITIONING - ATA 21

|              |          |
|--------------|----------|
| 15-7605-6000 | 421 ONLY |
| K-1359 -- R  |          |

##### ELECTRICAL POWER - ATA 24

|            |             |
|------------|-------------|
| 112820CT3  | 112820CS1T3 |
| 112820CST3 | 112820C1T3  |

##### HYDRAULIC POWER - ATA 29

|                          |  |
|--------------------------|--|
| 50101AR                  |  |
| (recommended base model) |  |

##### LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6909C0000 | 14-6911-0100 |
|--------------|--------------|

#### 337 Skymaster

##### LIFTING & SHORING - ATA 7

|              |              |
|--------------|--------------|
| 02-0222-0111 | Nose         |
| 02-0234-0111 | Main (2)     |
| 03-5400-0000 | Leg Ext. (2) |

##### TOWING & TAXIING - ATA 9

|              |       |
|--------------|-------|
| 01-1112-0010 |       |
| JP30         | JP30L |

##### AIR CONDITIONING - ATA 21

|              |             |
|--------------|-------------|
| 15-7603-1000 | (base unit) |
| K-1491 -- R  |             |
| 15-7605-6000 |             |
| K-1491 -- R  |             |

##### ELECTRICAL POWER - ATA 24

|            |             |
|------------|-------------|
| 112820CT3  | 112820CS1T3 |
| 112820CST3 | 112820C1T3  |

##### HYDRAULIC POWER - ATA 29

|                          |  |
|--------------------------|--|
| 50101AR                  |  |
| (recommended base model) |  |

##### LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6909C0000 | 14-6911-0100 |
|--------------|--------------|

#### 401, 402, 404, 414A, 421C

##### LIFTING & SHORING - ATA 7

|              |          |
|--------------|----------|
| 02-0526-0110 | Nose     |
| 02-0526-0110 | Main (2) |

##### TOWING & TAXIING - ATA 9

|              |           |
|--------------|-----------|
| 01-1112-0010 |           |
| 01-1202-0000 |           |
| 01-0511-0000 | Head -- R |
| 01-1954-6000 |           |
| JP30         | JP30L     |

##### ELECTRICAL POWER - ATA 24

|             |            |
|-------------|------------|
| 112820CT3   | 112820C1T3 |
| 112820CST3  | 112850     |
| 112820CS1T3 | 112860     |

##### HYDRAULIC POWER - ATA 29

|                          |           |
|--------------------------|-----------|
| 50101AR                  | 414A ONLY |
| (recommended base model) |           |

##### LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6909C0000 | 14-6911-0100 |
|--------------|--------------|

### Cessna

(continued on the following page)

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**Cessna (continued)****Bravo, Citation I 500,****Citation I/SP 501,****Citation II 550, SII, V****LIFTING & SHORING - ATA 7**

02-0520-0110 Nose  
 02-0526-0110 Main (2)  
 02-7836C0110 Axle  
 03-4007-0000 Stabilizing Stand  
 K-3863 Stabilizing Stand Alarm Kit  
 03A4007-0000 Stabilizing Stand

**TOWING & TAXIING - ATA 9**

01-1101-0000  
 01-1112-0010  
 01-1202-0000  
 01-0542-0010 Head -- R  
 01-1954-6000  
 JP30  
 JP30L

Citation I, II ONLY

01-1264-0000

**PARKING & MOORING - ATA 10**

99-4001-0000 Bravo, Citation 1  
 99-9028-6000

**SERVICING - ATA 12**

ENGINE OIL

06-5009-6800 06-5022-6800  
 06-5010-6800

HYDRAULIC FLUID

06-4005-3611 06-5022-6600  
 06-4035-3600 06-5042-3600  
 K-4402-02 Strut Service

NITROGEN

18-4303-0000 18-4208-0010  
 18-4200-1100

OXYGEN

20-4500-7000 20-4504-7000  
 20-4502-6000 20-4505-7000  
 PC-1006 -- R

**AIR CONDITIONING - ATA 21**

15-7603-1000 (base model)  
 K-2601 -- R  
 15-7605-0000  
 K-2601 -- R

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000  
 112820CST3 11-6644C1010  
 112820CS1T3  
 112820C1T3

**FUEL - ATA 28**

07-3000-1921 07-3007-6900

**HYDRAULIC POWER - ATA 29**

13-6603-6000 I & II ONLY  
 50301AH 51301AH  
 (recommended base models)  
 Option "T" -- R

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6801-0120  
 Z-1063-13 Main -- R  
 Z-1064-13 Nose -- R  
 14-6802-6000 14-6807-6011  
 14-6804-6000 14-6808-6000  
 14-6805-6010 14-6909C0000  
 14-6806-6011 14-6911-0100

**FUSELAGE - ATA 53**

04-6028-0121  
 K-3057 Crane Hook -- R  
 Z-4082 Lift Tray -- R  
 04-6029-5111  
 04-6152-0120

**POWER PLANT - ATA 71**

08-0114-4010  
 K-2478 5D engine -- R  
 08-0130-4000  
 08-2021C0000  
 K-1796 JT15D -- R  
 08-2030-0000  
 K-2776 JT15D -- R  
 K-2685 PW530-A Bravo -- R  
 08-4048-0013

**Caravan 208, 208B, 406****LIFTING & SHORING - ATA 7**

02-0222-0111 Nose  
 02-7813C0100 Axle  
 02-7856-0100 Main (2)  
 03-5802-0000 Tailstand

**TOWING & TAXIING - ATA 9**

01-1170-0010  
 01-1202-0000  
 01-0538-0000 Head -- R  
 01-1954-6000  
 JP30  
 JP30L

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12**

ENGINE OIL

06-5009-6800 06-5022-6800  
 06-5010-6800

HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
 06-4035-0500 06-5042-0500  
 K-4402-01 Strut Service

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000  
 112820CST3 11-6644C1010  
 112820CS1T3  
 112820C1T3

208 ONLY

112850 112860

**FUEL - ATA 28**

07-3000-1921 07-3001-4900

**HYDRAULIC POWER - ATA 29**

5010DB 406 ONLY  
 (recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-4039-0010  
 14-6801-0120  
 Z-1063-13 Main -- R  
 Z-1063-11 Nose -- R  
 14-6802-6000 14-6808-6000  
 14-6804-6000 14-6883-0110  
 14-6805-6010 14-6909C0000  
 14-6806-6011 14-6911-0100  
 14-6807-6011

**FUSELAGE - ATA 53**

04-6028-0121  
 Z-4082 Lift Tray -- R  
 04-6029-5111  
 04-6150-0120

**POWER PLANT - ATA 71**

08-0100-4000 08-4048-0013  
 08-2001-0000 K-1243 -- R  
 K-2115 -- R

**Citation III, VI, VII, 650****LIFTING & SHORING - ATA 7**

02-0526-0110 Nose  
 02-1032-0111 Main (2)  
 R-1276 (2) -- R  
 02-7813C0100 Axle  
 02-4950-4000 Axle Adaptor  
 03-5801-0010 Stabilizing Stand  
 K-3864 Stabilizing Stand Alarm Kit  
 03A5801C0010 Stabilizing Stand

**TOWING & TAXIING - ATA 9**

01-1202-0000  
 01-0594-0000 Head -- R  
 01-1291-0010  
 01-1292-0000  
 01-1954-6000  
 JP30  
 JP30L

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12**

LAVATORY

10-4036-0010 10-6409-0000  
 10-6408-0000  
 K-2410 and K-2412 -- R

POTABLE WATER

19-4305-0000 19-4306-0000

ENGINE OIL

06-5009-6800 06-5022-6800  
 06-5010-6800

HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
 06-4035-0500 06-5042-0500  
 KHC-1107 Reservoir -- R

NITROGEN

18-4303-0000 18-4208-0010  
 18-4200-1100

OXYGEN

20-4500-7000 20-4504-7000  
 20-4502-6000 20-4505-7000  
 PC-1006 -- R

**AIR CONDITIONING - ATA 21**

15-7603-1000 (base model)  
 K-1288 -- R  
 15-7605-6000  
 K-1288

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000  
 112820CST3 11-6644C1010  
 112820CS1T3  
 112820C1T3

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**HYDRAULIC POWER - ATA 29**

13-6603-6000 III & VII ONLY  
 5B201AT  
 (recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6801-0120  
 Z-1063-15 Main -- R  
 Z-1064-13 Nose -- R  
 14-6802-6000 14-6808-6000  
 14-6804-6000 14-6830-6012  
 14-6805-6010 14-6909C0000  
 14-6806-6011 14-6911-0100  
 14-6807-6011

**FUSELAGE - ATA 53**

04-6001-1100 04-6029-5111  
 04-6028-0121 04-6152-0120  
 K-3057 Crane Hook -- R  
 Z-4082 Lift Tray -- R

**POWER PLANT - ATA 71**

08-0102-4010  
 08-0141-4000  
 08-2021C0000  
 K-1795 TFE 731-1-5 -- R  
 08-2030-0000  
 K-2770 TFE 731-1-5 -- R  
 K-2808 TFE 731-20 -- R  
 08-4049-0013

**Citation X 750****LIFTING & SHORING - ATA 7**

02-1040-0111 Main (2)  
 R-1807 -- R  
 02-7827-0110 Nose  
 R-1808 -- R  
 02-7833C0110 Axle  
 03-5817-0000 Tailstand  
 03A5817C0000 Tailstand

**TOWING & TAXIING - ATA 9**

01-1202-0000  
 01-0594-0000 Head -- R  
 01-1291-0010  
 01-1292-0000  
 01-1954-6000  
 JP75

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12**

LAVATORY

10-4036-0010 10-6409-0000  
 10-6408-0000  
 K-2410 and K-2412 -- R

ENGINE OIL

06-5009-6800 06-5022-6800  
 06-5010-6800

HYDRAULIC FLUID

06-4005-3611 06-5022-6600  
 06-4035-3600 06-5042-3600  
 K-4402-02 Strut Service  
 KHC-4012 Reservoir -- R

**HYDRAULIC FLUID - Landing Gear**

06-4005-0511 06-4035-0500

NITROGEN

18-4303-0000 18-4208-0010  
 18-4200-1100

OXYGEN

20-4500-7000 20-4504-7000  
 20-4502-6000 20-4505-7000  
 PC-1006 -- R

**AIR CONDITIONING - ATA 21**

15-7603-1000 (base model)  
 K-1288 -- R  
 15-7605-6000  
 K-1288

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000  
 112820CST3 11-6644C1010  
 112820CS1T3  
 112820C1T3

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**HYDRAULIC POWER - ATA 29**

54301EF\_C  
 (recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6801-0120  
 Z-1064-16 Main -- R  
 Z-1064-11 Nose -- R  
 14-6802-6000 14-6899-6000  
 14-6804-6000 14-6909C0000  
 14-6807-6011 14-6911-0100  
 14-6808-6000

**FUSELAGE - ATA 53**

04-6028-0121  
 K-3057 Crane Hook -- R  
 Z-4082 Lift Tray -- R  
 04-6029-5111  
 04-6152-0120

**POWER PLANT - ATA 71**

08-0129-4000 08-4049-0013  
 K-2885 -- R K-3202 -- R  
 08-2029-0000

**Cessna**

(continued on the following page)

## Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

## Cessna (continued)

## Citation 560XL, 560XLS

## LIFTING &amp; SHORING - ATA 7

02-7815-0110 Main (2)  
R-2008 -- R (2)  
02-7856C0100 Nose  
R-2008 -- R (1)  
02-7836C0110 Axle  
03-5826-0000 Stabilizing Stand  
K-3864 Stabilizing Stand Alarm Kit  
03A5826-0000 Stabilizing Stand

## TOWING &amp; TAXIING - ATA 9

01-1202-0000  
01-0594-0000 Head -- R  
01-1291-0010  
01-1292-0000  
01-1299-0000  
01-1954-6000  
JP30  
JP30L

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

## LAVATORY

10-4036-0010 10-6409-0000  
10-6408-0000  
K-2410 and K-2412 -- R

## ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800

## HYDRAULIC FLUID

06-4005-3611 06-5022-6600  
06-4035-3600 06-5042-3600  
K-4402-02 Strut Service

## NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

## OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 -- R

## AIR CONDITIONING - ATA 21

15-7603-1000 (base model)  
K-2601 -- R  
15-7605-6000  
K-2601 -- R

## ELECTRICAL POWER - ATA 24

112820CT3 11-6610-6000  
112820CST3 11-6644C1010  
112820CS1T3  
112820C1T3

## FUEL - ATA 28

07-3000-1921 07-3006-6900

## HYDRAULIC POWER - ATA 29

51301AH  
(recommended base model)

## ICE &amp; RAIN PROTECTION - ATA 30

09-6200-0010

## LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-15 Main -- R  
Z-1064-13 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6909C0000  
14-6806-6011 14-6911-0100

## FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6152-0120

## POWER PLANT - ATA 71

08-0130-1000 08-4048-0013  
08-2030-0000 K-2769 -- R

## Citation CJ1, CJ2, CJ3

## (Series 525), M2

## LIFTING &amp; SHORING - ATA 7

02-0520-0110 Nose  
02-0526-0110 Main (2)  
K-3314 -- R  
03A5815C0010 Stabilizing Stand

## TOWING &amp; TAXIING - ATA 9

01-1101-0000  
01-1112-0010  
01-1202-0000  
01-0542-0010 Head -- R  
01-1954-6000  
JP30  
JP30L

## PARKING &amp; MOORING - ATA 10

99-9008-6000 99-9028-6000

## SERVICING - ATA 12

## ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

## HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500  
K-4402-01 Strut Service

## NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

## OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 -- R

## AIR CONDITIONING - ATA 21

15-7603-1000 (base model)  
K-2601 -- R

15-7605-6000 CJ1 & CJ2 ONLY

## ELECTRICAL POWER - ATA 24

112820CT3 11-6610-6000  
112820CST3 11-6644C1010  
112820CS1T3  
112820C1T3

## FUEL - ATA 28

07-3000-1921 07-3006-6900

## HYDRAULIC POWER - ATA 29

5F201BQ  
(recommended base model)

## ICE &amp; RAIN PROTECTION - ATA 30

09-6200-0010

## LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-13 Main -- R  
Z-1064-13 Nose -- R  
14-6802-6000 14-6808-6000  
14-6804-6000 14-6830-6012  
14-6805-6010 14-6909C0000  
14-6806-6011 14-6911-0100  
14-6807-6011

## FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6152-0120

## POWER PLANT - ATA 71

08-0119-8000 08-2222-0000  
08-2021C0000 08-4048-0013  
K-2032 -- R

## Citation CJ4

## LIFTING &amp; SHORING - ATA 7

02-0520-0110 Nose  
02-0517-0140 Main (2)  
K-3314 -- R  
03A5815C0010 Stabilizing Stand  
K-1106

## TOWING &amp; TAXIING - ATA 9

01-1101-0000  
01-1202-0000  
01-0542-0010 Head -- R  
01-1291-0010  
JP30L

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

## HYDRAULIC FLUID

06-4035-0800  
06-4035-0500 Strut Service ONLY  
K-4402-01 Strut Service

## NITROGEN

18-4200-1100 18-4208-0010

## AIR CONDITIONING - ATA 21

15-7603-1000 (base model)  
K-1288 -- R

## HYDRAULIC POWER - ATA 29

5440CJ  
(recommended base model)

## LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-13 Main -- R  
Z-1064-11 Nose -- R

## FUSELAGE - ATA 53

04-6150-5010

## POWER PLANT - ATA 71

08-0147C4000 08-4048-0013  
08-2021C0000  
K-4190 -- R

## Citation Sovereign 680

## LIFTING &amp; SHORING - ATA 7

02-7815-0110 Main (2)  
R-1807 -- R  
02-7827-0110 Nose  
R-1808 -- R  
02-7862C0100 Axle  
03A5831-0000 Tailstand

## TOWING &amp; TAXIING - ATA 9

01-1202-0000  
01-0594-0000 Head -- R  
01-1291-0010  
01-1292-0000  
01-1954-6000  
JP30  
JP30L

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

## LAVATORY

10-4036-0010 10-6409-0000  
K-2410 and K-2412 -- R

## POTABLE WATER

19-4305-0000 19-4306-0000

## ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800

## HYDRAULIC FLUID

06-4005-0811 06-5022-6800  
06-4035-0800 06-5042-0800  
K-4402-01 Strut Service  
KHC-3779 Reservoir -- R

## NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

## OXYGEN

12-3104-0000 20-4504-7000  
20-4500-7000 20-4505-7000  
20-4502-6000  
PC-1006 -- R

## AIR CONDITIONING - ATA 21

15-7603-1000 (base model)  
K-1288 -- R  
15-7605-6000  
K-1288 -- R

## ELECTRICAL POWER - ATA 24

112820CT3 11-6610-6000  
112820CST3 11-6644C1010  
112820CS1T3  
112820C1T3

## FUEL - ATA 28

07-3000-1921 07-3006-6900

## HYDRAULIC POWER - ATA 29

54401-U CJ KHC-3766 -- R  
(recommended base model)

## ICE &amp; RAIN PROTECTION - ATA 30

09-6200-0010

## LANDING GEAR - ATA 32

14-6801-0120  
Z-1064-16 Main -- R  
Z-1064-11 Nose -- R  
14-6802-6000 14-6830-6012  
14-6804-6000 14-6899-6000  
14-6806-6011 14-6909C0000  
14-6807-6011 14-6911-0100  
14-6808-6000

## FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6152-0120

## POWER PLANT - ATA 71

08-0143-4000 08-4049-0013  
08-2034-0010  
K-3842 -- R

## Cessna

(continued on the following page)



The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**Cessna (continued)****Citation Ultra 560,****Encore 560****LIFTING & SHORING - ATA 7**

|                 |                             |
|-----------------|-----------------------------|
| 02-0520-0110    | Nose                        |
| R-2008 -- R (1) |                             |
| 02-0526-0110    | Main (2)                    |
| R-2008 -- R (2) |                             |
| 02-7836-0110    | Axle                        |
| 03-4007-0000    | Stabilizing Stand           |
| K-3863          | Stabilizing Stand Alarm Kit |
| 03A4007-0000    | Stabilizing Stand           |

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1101-0000 |           |
| 01-1202-0000 |           |
| 01-0542-0010 | Head -- R |
| 01-1954-6000 |           |
| JP30         |           |
| JP30L        |           |

**PARKING & MOORING - ATA 10**

|              |              |
|--------------|--------------|
| 99-4001-0000 | 99-9028-6000 |
|--------------|--------------|

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 |              |

**HYDRAULIC FLUID**

|              |               |
|--------------|---------------|
| 06-4005-3611 | 06-5022-6600  |
| 06-4035-3600 | 06-5042-3600  |
| K-4402-02    | Strut Service |

**HYDRAULIC FLUID - Landing Gear**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-4035-0500 |
|--------------|--------------|

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006 -- R |              |

**AIR CONDITIONING - ATA 21**

|              |              |
|--------------|--------------|
| 15-7603-1000 | (base model) |
| K-2601 -- R  |              |
| 15-7605-6000 |              |
| K-2601 -- R  |              |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 11-6610-6000 |
| 112820CST3  | 11-6644C1010 |
| 112820CS1T3 |              |
| 112820C1T3  |              |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3001-4900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 50301AH                  |  |
| (recommended base model) |  |

**LANDING GEAR - ATA 32**

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-13    | Main -- R    |
| Z-1064-13    | Nose -- R    |
| 14-6802-6000 | 14-6808-6000 |
| 14-6805-6010 | 14-6909C0000 |
| 14-6806-6011 | 14-6911-0100 |
| 14-6807-6011 |              |

**FUSELAGE - ATA 53**

|              |              |
|--------------|--------------|
| 04-6029-5111 | 04-6152-0120 |
|--------------|--------------|

**POWER PLANT - ATA 71**

|              |                     |
|--------------|---------------------|
| 08-0114-4010 |                     |
| K-2478       | Ultra JT15D-5D -- R |
| 08-0140-4000 |                     |
| 08-2021C0000 |                     |
| K-1796       | Ultra Encore -- R   |
| JT15D-5D     |                     |
| 08-2030-0000 |                     |
| K-2776       | Ultra JT15D-5D -- R |
| K-3068       | Ultra Encore -- R   |
| PW535        |                     |
| 08-4048-0013 |                     |

**Mustang 510****LIFTING & SHORING - ATA 7**

|               |                     |
|---------------|---------------------|
| 02-0517-0140  | Nose                |
| R-2008 -- R   |                     |
| 02-00517-0140 | Main (2)            |
| R-1798 -- R   |                     |
| 02-7902C0100  | Axle                |
| 03A5815C0000  | Stabilizing Stand   |
| 03-5842C4000  | Fly Away Tail Stand |

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1101-0000 |           |
| 01-1112-0010 |           |
| 01-1202-0000 |           |
| 01-0542-0010 | Head -- R |
| 01-2004-0000 |           |
| JP30         |           |
| JP30L        |           |

**PARKING & MOORING - ATA 10**

|              |              |
|--------------|--------------|
| 99-9008-6000 | 99-9028-6000 |
|--------------|--------------|

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4200-1100 |
| 12-3107-0000 | 18-4208-0010 |
| K-3706 -- R  |              |

**OXYGEN**

|              |              |
|--------------|--------------|
| 12-3104-0000 | 20-4504-7000 |
| 20-4500-7000 | 20-4505-7000 |
| 20-4502-6000 | PC-1006 -- R |

**AIR CONDITIONING - ATA 21**

|              |              |
|--------------|--------------|
| 15-7603-1000 | (base model) |
| K-2601 -- R  |              |
| 15-7605-6000 |              |
| K-1288 -- R  |              |

**ELECTRICAL POWER - ATA 24**

|             |        |
|-------------|--------|
| 112820CT3   | 112850 |
| 112820CST3  | 112860 |
| 112820CS1T3 |        |
| 112820C1T3  |        |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**ICE & RAIN PROTECTION - ATA 30**

|              |  |
|--------------|--|
| 09-6200-0010 |  |
|--------------|--|

**LANDING GEAR - ATA 32**

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-13    | Main -- R    |
| Z-1064-13    | Nose -- R    |
| 14-6802-6000 | 14-6808-6000 |
| 14-6804-6000 | 14-6877-6011 |
| 14-6805-6010 | 14-6909C0000 |
| 14-6806-6011 | 14-6911-0100 |
| 114-6807-601 | K-3706       |

**FUSELAGE - ATA 53**

|              |  |
|--------------|--|
| 04-6152-0120 |  |
|--------------|--|

**POWER PLANT - ATA 71**

|              |                |
|--------------|----------------|
| 08-0145-4000 |                |
| 08-2021C0000 |                |
| K-3994       | PW 615F-A -- R |
| 08-4048-0013 |                |

**Daher Socata****TBM-700, TBM-850****LIFTING & SHORING - ATA 7**

|              |          |
|--------------|----------|
| 02-0222-0111 | Main (2) |
| 02-0222-0111 | Nose     |

**TOWING & TAXIING - ATA 9**

|              |       |
|--------------|-------|
| 01-1233-0010 |       |
| K-2200 -- R  |       |
| JP30         | JP30L |

**ELECTRICAL POWER - ATA 24**

|            |             |
|------------|-------------|
| 112820CT3  | 112820CS1T3 |
| 112820CST3 | 112820C1T3  |

**Dassault/Falcon****7X****LIFTING & SHORING - ATA 7**

|              |                   |
|--------------|-------------------|
| 02A7874C0110 | Nose              |
| 02A1240-0111 | Nose Alternative  |
| 02A7874C0110 | Main (2)          |
| 02-7835-0100 | Axle              |
| 02-7835C0100 | Axle              |
| K-4296       | NLG Adaptor       |
| 03A5840C0000 | Stabilizing Stand |

**TOWING & TAXIING - ATA 9**

|              |               |
|--------------|---------------|
| 01-1201-0010 | (10' 6" long) |
| 01-1329-0000 | (13' 1" long) |
| 01-0602-0000 |               |
| 01-1215-0000 |               |
| 01-1954-6000 |               |
| JP75         |               |
| K-4123       | Adaptor -- R  |

**PARKING & MOORING - ATA 10**

|              |  |
|--------------|--|
| 99-9028-6000 |  |
|--------------|--|

**SERVICING - ATA 12****LAVATORY**

|                        |              |
|------------------------|--------------|
| 10-4036-0010           | 10-6409-0000 |
| 10-6408-0000           |              |
| K-2410 and K-2412 -- R |              |

**POTABLE WATER**

|              |              |
|--------------|--------------|
| 19-4305-0000 | 19-4306-0000 |
|--------------|--------------|

**ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

**HYDRAULIC FLUID**

|              |                |
|--------------|----------------|
| 06-4005-0511 | 06-5022-6500   |
| 06-4035-0500 | 06-5042-0500   |
| KHC-1339     | Reservoir -- R |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

**OXYGEN**

|                         |              |
|-------------------------|--------------|
| 20-4500-7000            | 20-4504-7000 |
| 20-4502-6000            | 20-4505-7000 |
| PC-1006 or PC-1009 -- R |              |

**AIR CONDITIONING - ATA 21**

|              |                  |
|--------------|------------------|
| 15-7603-1000 | (base model)     |
| K-1622       | Adaptor Kit -- R |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 112850       |
| 112820CST3  | 112860       |
| 112820CS1T3 | 11-6610-6000 |
| 112820C1T3  | 11-6644C1010 |

**FUEL - ATA 28**

|              |  |
|--------------|--|
| 07-3000-1921 |  |
|--------------|--|

**HYDRAULIC POWER - ATA 29**

|              |                           |
|--------------|---------------------------|
| 5Q11_KE      | Triple System             |
|              | Can perform RAT Test      |
| 5P10_KE      | Triple System             |
|              | Can not perform RAT Test  |
|              | (recommended base models) |
| 13-6614-6100 | 13-6615-6000              |
| 13-6618-6100 |                           |

**ICE & RAIN PROTECTION - ATA 30**

|              |  |
|--------------|--|
| 09-6200-0010 |  |
|--------------|--|

**LANDING GEAR - ATA 32**

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-19    | Main -- R    |
| Z-1064-08    | Nose -- R    |
| 14-6802-6000 | 14-6806-6011 |
| 14-6804-6000 | 14-6807-6011 |
| 14-6805-6010 | 14-6808-6000 |

**FUSELAGE - ATA 53**

|              |  |
|--------------|--|
| 04-6028-0121 |  |
| K-3057 -- R  |  |
| 04-6030-5111 |  |
| 04-6152-0120 |  |

**POWER PLANT - ATA 71**

|              |  |
|--------------|--|
| 08-4049-0013 |  |
|--------------|--|

**10-100****LIFTING & SHORING - ATA 7**

|              |          |
|--------------|----------|
| 02-7856-0100 | Main (2) |
| 02-7856-0100 | Nose     |

**TOWING & TAXIING - ATA 9**

|              |              |
|--------------|--------------|
| 01-1183-0000 |              |
| 01-1202-0000 |              |
| 01-0505-0000 | Head -- R    |
| 01-0549-0000 | Head w/Shear |
| 01-1215-0000 |              |
| 01-1300-0000 |              |
| 01-1954-6000 |              |

**PARKING & MOORING - ATA 10**

|              |  |
|--------------|--|
| 99-9028-6000 |  |
|--------------|--|

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 |              |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006 -- R |              |

**AIR CONDITIONING - ATA 21**

|              |              |
|--------------|--------------|
| 15-7603-1000 | (base model) |
| K-1622 -- R  |              |
| 15-7605-6000 |              |
| K-1622       |              |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 11-6610-6000 |
| 112820CST3  | 11-6644C1010 |
| 112820CS1T3 |              |
| 112820C1T3  |              |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |          |
|--------------------------|----------|
| 13-6603-6000             | I/O ONLY |
| 51101EB_C                |          |
| (recommended base model) |          |

**ICE & RAIN PROTECTION - ATA 30**

|              |  |
|--------------|--|
| 09-6200-0010 |  |
|--------------|--|

**LANDING GEAR - ATA 32**

|                       |              |
|-----------------------|--------------|
| 14-6801-0120          |              |
| Adaptor ring required |              |
| See page 79           |              |
| 14-6802-6000          | 14-6807-6011 |
| 14-6804-6000          | 14-6808-6000 |
| 14-6805-6010          | 14-6883-0110 |
| 14-6806-6011          |              |

**FUSELAGE - ATA 53**

|              |                 |
|--------------|-----------------|
| 04-6028-0121 |                 |
| K-3057       | Crane Hook -- R |
| Z-4082       | Lift Tray -- R  |
| 04-6029-5111 |                 |
| 04-6152-0120 |                 |

**POWER PLANT - ATA 71**

|              |              |
|--------------|--------------|
| 08-0102-4010 | 08-2030-0000 |
| 08-2021C0000 | K-2770 -- R  |
| K-1795 -- R  | 08-4049-0013 |

# Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

## Dassault/Falcon

### 20-200

#### LIFTING & SHORING - ATA 7

02-1036-0111 Main (2)  
02-1036-0111 Nose

#### TOWING & TAXIING - ATA 9

01-1183-0000  
01-1202-0000 (10' 6" long)  
01-1329-0000 (13' 1" long)  
01-0505-0000 Head -- R  
01-0549-0000 Head -- R  
01-1215-0000  
01-1300-0000  
01-1954-6000

#### PARKING & MOORING - ATA 10

99-9028-6000

#### SERVICING - ATA 12

##### ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

##### HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

##### NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

##### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 -- R

#### AIR CONDITIONING - ATA 21

15-7603-1000 (base model)  
K-1622 -- R  
15-7605-6000  
K-1622

#### ELECTRICAL POWER - ATA 24

112820CT3 11-6610T3000  
112820CST3 11-6644C1010  
112820CS1T3  
112820C1T3

#### FUEL - ATA 28

07-3000-1921 07-3006-6900

#### HYDRAULIC POWER - ATA 29

54101EB\_C  
(recommended base model)

#### ICE & RAIN PROTECTION - ATA 30

09-6200-0010

#### LANDING GEAR - ATA 32

14-6801-0120  
Adaptor ring required  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

#### FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6152-0120

#### POWER PLANT - ATA 71

08-0100-4000 08-4049-0013  
08-2001-0000  
K-2113 -- R

### 50, 50EX

#### LIFTING & SHORING - ATA 7

02-1036-0111 Nose  
02-1040-0111 Main (2)  
02-7813C0100 Axle  
03-5800C0010 Tailstand  
K-3864 Stabilizing Stand Alarm Kit  
03A5800C0010 Tailstand

#### TOWING & TAXIING - ATA 9

01-1201-0010 (10' 6" long)  
01-1329-0000 (13' 1" long)  
01-0520-0010 Head -- R  
01-0560-0010 Head -- R  
01-1211-0010  
01-1215-0000  
01-1954-6000  
JP75  
K-4055 -- R

#### PARKING & MOORING - ATA 10

99-9028-6000

#### SERVICING - ATA 12

##### LAVATORY

10-4036-0010 10-6409-0000  
10-6408-0000  
K-2410 and K-2412 -- R

##### POTABLE WATER

19-4305-0000 19-4306-0000

##### ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800

##### HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500  
KHC-1339 Reservoir -- R

##### NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

##### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 -- R

#### AIR CONDITIONING - ATA 21

15-7603-1000 (base model)  
K-1622 -- R  
15-7605-6000  
K-1622

#### ELECTRICAL POWER - ATA 24

112820CT3 112820C1T3  
112820CST3 11-6610-6000  
112820CS1T3 11-6644C1010

#### FUEL - ATA 28

07-3000-1921  
07-3006-6900  
H-2599

#### HYDRAULIC POWER - ATA 29

54101EB\_C  
(recommended base model)

#### ICE & RAIN PROTECTION - ATA 30

09-6200-0010

#### LANDING GEAR - ATA 32

14-6801-0120  
Adaptor ring required  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

#### FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R

04-6029-5111

04-6152-0120

#### POWER PLANT - ATA 71

08-0102-4010  
08-0142-4000  
08-2021C0000  
K-1795 Falcon 50 -- R  
TFE731-3  
K-3215 Falcon 50EX -- R  
TFE731-40  
08-2030-0000  
K-2770 Falcon 50 -- R  
TFE731-3  
08-4049-0013

### 900, 900EX

#### LIFTING & SHORING - ATA 7

02-1240-0111 Nose  
(Nose may use 02-1040-0111)  
02-1240-0111 Main (2)  
02-7813C0100 Axle  
(Dassault adapter required)  
03-5822C0000 Stabilizing Stand  
K-3864 Stabilizing Stand Alarm Kit  
03A5822-0000 Stabilizing Stand

#### TOWING & TAXIING - ATA 9

01-1201-0010 (10' 6" long)  
01-1329-0000 (13' 1" long)  
01-0520-0010 Head -- R  
01-0560-0010 Head -- R  
01-1211-0010  
01-1215-0000  
01-1954-6000  
JP75  
K-4055 -- R

#### PARKING & MOORING - ATA 10

99-9028-6000

#### SERVICING - ATA 12

##### LAVATORY

10-4036-0010 10-6409-0000  
10-6408-0000  
K-2410 and K-2412 -- R

##### POTABLE WATER

19-4305-0000 19-4306-0000

##### ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

##### HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500  
KHC-1339 Reservoir -- R

##### NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

##### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

#### AIR CONDITIONING - ATA 21

15-7603-1000 (base model)  
K-1622 -- R  
15-7605-6000  
K-1622

#### ELECTRICAL POWER - ATA 24

112820CT3 112820C1T3  
112820CST3 11-6610-6000  
112820CS1T3 11-6644C1010

#### FUEL - ATA 28

07-3000-1921  
07-3006-6900  
H-2599

#### HYDRAULIC POWER - ATA 29

54101EB\_C  
(recommended base model)

#### ICE & RAIN PROTECTION - ATA 30

09-6200-0010

#### LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-17 Main -- R  
Z-1064-10 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

#### FUSELAGE - ATA 53

04-6028-0121  
K-3057 -- R  
04-6030-5111  
04-6031-0100 Falcon 900  
04-6152-0120

#### POWER PLANT - ATA 71

08-0102-4010 Falcon 900B  
08-2001-0000 Falcon 900B  
K-2112 TFE731-5BR -- R  
08-2021C0000 Falcon 900EX  
K-3861 TFE731-60 -- R  
08-2034-0000 Falcon 900B  
K-2770 TFE731-5BR -- R  
08-4049-0013

### 2000, 2000EX

#### LIFTING & SHORING - ATA 7

02-1240-0111 Nose  
(Nose may use 02-1040-0111)  
02-1240-0111 Main (2)  
02-7813C0100 Axle  
03-5822C0000 Stabilizing Stand  
K-3864 Stabilizing Stand Alarm Kit  
03A5822-0000 Stabilizing Stand

#### TOWING & TAXIING - ATA 9

01-1201-0010 (10' 6" long)  
01-1329-0000 (13' 1" long)  
01-0520-0010 Head -- R  
01-0560-0010 Head -- R  
01-1211-0010  
01-1215-0000  
01-1954-6000  
JP75  
K-4055 -- R (2000EX Only)

#### PARKING & MOORING - ATA 10

99-9028-6000

#### SERVICING - ATA 12

##### LAVATORY

10-4036-0010 10-6409-0000  
10-6408-0000  
K-2410 and K-2412 -- R

##### POTABLE WATER

19-4305-0000 19-4306-0000

##### ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

##### HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500  
KHC-1339 Reservoir -- R

##### NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

##### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

#### AIR CONDITIONING - ATA 21

15-7603-1000 (base model)  
K-1622 -- R  
15-7605-6000  
K-1622

#### ELECTRICAL POWER - ATA 24

112820CT3 112820C1T3  
112820CST3 11-6610-6000  
112820CS1T3 11-6644C1010

#### FUEL - ATA 28

07-3000-1921  
07-3006-6900  
H-2599

#### HYDRAULIC POWER - ATA 29

54101EB\_C  
(recommended base model)

#### ICE & RAIN PROTECTION - ATA 30

09-6200-0010

#### LANDING GEAR - ATA 32

14-6801-0120  
Z-1064-17 Main -- R  
Z-1064-08 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

#### FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
04-6030-5111  
04-6152-0120

#### POWER PLANT - ATA 71

08-0144-4000  
08-4049-0013

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**Diamond Aircraft****DA20-A1, DA20-C1, DA40****Diamond Star****LIFTING & SHORING - ATA 7**

02-0222-0111 Main (2)  
03-4006-0000 Tailstand  
Adaptor Kit TBD -- R

**TOWING & TAXIING - ATA 9**

JP30  
JP30L

**PARKING & MOORING - ATA 10**

99-9010-6000

**SERVICING - ATA 12****ENGINE OIL**

06-5009-6800 06-5022-6800  
06-5010-6800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

**NITROGEN**

12-3104-0000 18-4303-0000  
18-4201-1010 18-4208-0010  
K-3706

**OXYGEN**

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 -- R

**ELECTRICAL POWER - ATA 24**

11-66021000 92-0552-9000  
11-6610-6000 92-0552-9001

**DA40, Diamond Star Only**

112820CT3 112820CS1T3  
112820CST3 112820C1T3

**FUEL - ATA 28**

07-3000-1921  
07-3006-6900

**LANDING GEAR - ATA 32**

14-6801-0120  
Z-1063-07 Main -- R  
Z-1063-06 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 K-3706  
14-6806-6011

**FUSELAGE - ATA 53**

04-6028-0121  
K-3057 Crane Hook -- R  
04-6150-0120

**Eclipse****500****LIFTING & SHORING - ATA 7**

02-0517-0140 Main (2)  
02-0522-0140 Tail

**TOWING & TAXIING - ATA 9**

01-1202-0000  
01-0598-0000 Head -- R  
01-1298-0000  
01-1954-6000  
01-2001-0000  
JP30  
JP30L

**PARKING & MOORING - ATA 10**

99-9008-6000 99-9028-6000

**SERVICING - ATA 12****ENGINE OIL**

06-5009-6500 06-5022-6500  
06-5010-6500 06-5042-0500

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

**NITROGEN**

12-3104-0000 18-4208-0010  
18-4200-1100 18-4303-0000  
K-1225  
K-3706 -- R

**OXYGEN**

12-3104-0000 20-4504-7000  
20-4500-7000 20-4505-7000  
20-4502-6000 K-3337  
PC-1006 -- R

**AIR CONDITIONING - ATA 21**

15-7603-1000 (base model)

**ELECTRICAL POWER - ATA 24**

112820CT3 112850  
112820CST3 112860  
112820CS1T3 11-6610-6000  
112820C1T

**FUEL - ATA 28**

07-3000-1921

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6877-6011  
14-6806-6011 K-3706

**FUSELAGE - ATA 53**

04-6152-0120  
K-2012 Gooseneck Boom Kit  
K-2013 Pneumatic Pump Kit  
K-2953 Hand Winch Kit

**POWER PLANT - ATA 71**

08-4048-0013

**Embraer****Phenom 100****LIFTING & SHORING - ATA 7**

02-0522-0140 Main (2)  
02-0522-0140 Tail

**TOWING & TAXIING - ATA 9**

01-1202-0000  
01-0601-0000 Head -- R  
01-1324-0000  
01-2002-0000

**PARKING & MOORING - ATA 10**

99-9008-6000 99-9028-6000

**SERVICING - ATA 12****ENGINE OIL**

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

**HYDRAULIC FLUID**

06-4005-0800 06-5022-6800  
06-4035-0800 06-5042-0800  
KHC-4017

**NITROGEN**

12-3104-0000 18-4208-0010  
18-4200-1100 18-4303-0000  
K-3706

**OXYGEN**

12-3104-0000 20-4504-7000  
20-4500-7000 20-4505-7000  
20-4502-6000 K-3337  
PC-1006 -- R

**AIR CONDITIONING - ATA 21**

15-7603-1000 (base model)  
K-4281 -- R

**ELECTRICAL POWER - ATA 24**

112820CT3 112850  
112820CST3 112860  
112820CS1T3 11-6610-6000  
112820C1T

**FUEL - ATA 28**

07-3000-1921

**HYDRAULIC POWER - ATA 29**

51401CN  
(recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6806-6011  
14-6801-0120 K-3706  
Z-1063-11 -- R  
Z-1064-7 -- R

**FUSELAGE - ATA 53**

04-6152-0120  
K-2013 Pneumatic Pump Kit  
K-2953 Hand Winch Kit

**POWER PLANT - ATA 71**

08-4048-0013

**Phenom 300****LIFTING & SHORING - ATA 7**

02-8130C0100 Main (2)  
02-8130C0100 Tail  
02-7852C0100 Axle

**TOWING & TAXIING - ATA 9**

01-1202-0000  
01-0604-0000 Head -- R  
01-0606-0000 Head -- R  
01-2007-0000

**SERVICING - ATA 12****LAVATORY**

10-4036-0010 10-6409-0000  
K-2029 and K-2410 -- R

**ELECTRICAL POWER - ATA 24**

112820CT3 112850  
112820CST3 112860  
112820CS1T3  
112820C1T

**EMB-110****LIFTING & SHORING - ATA 7**

02-7856-0100 Nose  
02-7856-0100 Main (2)  
03-5802-0000 Tailstand

**TOWING & TAXIING - ATA 9**

01-1201-0010  
01-0554-0000 Head -- R  
01-1215-0000  
01-1954-6000  
JP30  
JP30L

**PARKING & MOORING - ATA 10**

99-9008-6000

**SERVICING - ATA 12****LAVATORY**

10-4036-0010 10-6409-0000  
10-6408-0000  
K-2029 and K-2410 -- R

**POTABLE WATER**

19-4305-0000 19-4306-0000

**ENGINE OIL**

06-5009-6800 06-5022-6800  
06-5010-6800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

**NITROGEN**

18-4303-0000 18-4208-0010  
18-4200-1100

**OXYGEN**

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

**AIR CONDITIONING - ATA 21**

15-7603-1000 (base model)

**ELECTRICAL POWER - ATA 24**

112820CT3 112850  
112820CST3 112860  
112820CS1T3  
112820C1T

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**HYDRAULIC POWER - ATA 29**

51101AN  
(recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6801-0120  
Z-1063-15 Main -- R  
Z-1063-11 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

**FUSELAGE - ATA 53**

04-6028-0121  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6150-0120

**POWER PLANT - ATA 71**

08-0100-4000 08T4049-0013  
08-2001-0000 K-1152 -- R  
K-2115 -- R

**Embraer**

(continued on the following page)

## Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

### Embraer (continued)

#### EMB-120

##### LIFTING & SHORING - ATA 7

02-1032-0111 Main (2)  
R-1276 (2)  
02-1032-0111 Nose

##### TOWING & TAXIING - ATA 9

01-1201-0010  
01-0540-0010 Head -- R  
01-1215-0000  
01-0540-0010 Head -- R  
01-1290-0100  
01-1954-6000  
JP30  
JP30L

##### PARKING & MOORING - ATA 10

99-9028-6000

##### SERVICING - ATA 12

###### LAVATORY

10-4036-0010 10-6409-0000  
10-6408-0000  
K-2029 and K-2410 -- R

###### POTABLE WATER

19-4305-0000 19-4306-0000

###### ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

###### HYDRAULIC FLUID

06-4005-0511 06-5042-0500  
06-4035-0500 06-5043-1500  
06-5022-6500

###### NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

###### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

##### AIR CONDITIONING - ATA 21

15-7603-1000 (base model)  
K-1360 -- R

##### ELECTRICAL POWER - ATA 24

112820CT3 112850  
112820CST3 112860  
112820CS1T3  
112820C1T

##### FUEL - ATA 28

07-3000-1921 07-3006-6900

##### HYDRAULIC POWER - ATA 29

51101AN  
(recommended base model)

##### LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-14 Main -- R  
Z-1063-11 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

##### FUSELAGE - ATA 53

04-6028-0121  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6150-0120

##### POWER PLANT - ATA 71

08-0112-4000 08-4049-0013  
08-2014-0000

#### ERJ-135, ERJ-140, ERJ-145,

##### Legacy, Lineage 1000

##### LIFTING & SHORING - ATA 7

02-1248-0112 Main (2)  
02-7813C0100 Axle  
02-7837-0110 Nose

##### Legacy ONLY

03A5845C0000 Stabilizing Stand

##### TOWING & TAXIING - ATA 9

01-1201-0010  
01-0582-0011 Head -- R  
01-1215-0000  
01-0582-0011 Head -- R  
01-1290-0100  
01-1954-6000  
JP75  
JP100SSC ERJ-135 & ERJ-145

##### PARKING & MOORING - ATA 10

99-9029-6000

##### SERVICING - ATA 12

###### LAVATORY

10-4036-0010 10-6409-0000  
10-6408-0000  
K-2029 and K-2410 -- R

###### POTABLE WATER

19-4305-0000 19-4306-0000

###### ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800

###### HYDRAULIC FLUID

06-4005-3611 06-5022-6600  
06-4035-3600 06-5042-0500  
KHC-3651 Reservoir -- R

###### NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

###### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 -- R

##### AIR CONDITIONING - ATA 21

15-7603-1000 (base model)  
17-7520-0000

##### ELECTRICAL POWER - ATA 24

112820CT3 112850  
112820CST3 112860  
112820CS1T3  
112820C1T3

##### FUEL - ATA 28

07-3000-1921 07-3007-6900

##### HYDRAULIC POWER - ATA 29

52301BY  
(recommended base model)

##### ICE & RAIN PROTECTION - ATA 30

09-6200-0010

##### LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-17 Main -- R  
Z-1064-10 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

##### FUSELAGE - ATA 53

04-6032-0100  
04-6028-0121  
K-3057 Crane Hook -- R  
K-3712 Battery Platform -- R  
04-6029-5111  
04-6152-0120

##### POWER PLANT - ATA 71

08-0129-4000 08-4049-0013  
08-2029-0000

#### ERJ-170, ERJ-175, ERJ-190,

##### ERJ-195

##### LIFTING & SHORING - ATA 7

02-7861C0100 Axle Nose  
02A7868C0100 Main (2)  
02A7867C0100 Axle Main  
02A7869C0100 Tail

##### ERJ-170, ERJ-175 ONLY

###### Alternate Jacks

02A2560-0111 Main (2)  
02A7859-0100 Tail  
02-7854C0110 Axle Alternative

##### TOWING & TAXIING - ATA 9

01A1297-0100  
01B1297-0100  
01A1302-0000

##### ERJ-170, ERJ-175 ONLY

JP100S

##### PARKING & MOORING - ATA 10

99-9028-6000

##### SERVICING - ATA 12

###### LAVATORY

10-6402-0010 10-6410-0000  
K-2029 and K-2410 -- R

###### POTABLE WATER

19-4305-0000 19-4306-0000

###### ENGINE OIL

06-5010-6800 06-5042-0800  
06-5022-6800 06-5073-0800  
KHC-2173

###### HYDRAULIC FLUID

06-4005-3611 06-5022-6600  
06-4035-3600 06-5022-6C00  
06-5004-3600 06-5042-3600  
KHC-3560 Reservoir -- R

###### HYDRAULIC FLUID - Landing Gear

06-4005-0511 06-5004-0500  
06-4035-0500

###### NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

###### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 -- R

##### ELECTRICAL POWER - ATA 24

11\_6650-1000 11\_6658-1000  
11\_6650-1010 11-6644C1010  
11C6652-1010 11-6610-6000  
11\_6653-1000 11\_6661-1000  
11\_6653-1010 11-6663C1010

##### FUEL - ATA 28

07-3000-1921 07-3007-6900

##### HYDRAULIC POWER - ATA 29

57301GM\_C (Aeroquip)  
57301GQ\_C (Parker)  
(recommended base model)  
13-6604-6600 13-6605-6000

##### ICE & RAIN PROTECTION - ATA 30

09-6200-0010

##### LANDING GEAR - ATA 32

14-6802-6000 14-6806-6011  
14-6804-6000 14-6807-6011  
14-6805-6010 14-6808-6000

##### ERJ170/175

14-6801-0120  
Z-3072-21 Main -- R  
Z-1063-13 Nose -- R

##### ERJ190/195

14-6878-0100  
K-3151 Nose -- R **ERJ190**  
Call Tronair Main -- R **ERJ195**  
Z-1064-13 Nose -- R **ERJ195**

##### FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6152-0120

### Eurocopter

#### AS330 Puma

##### LIFTING & SHORING - ATA 7

02-0517-0140 Main (2)  
02-0517-0140 Nose

##### TOWING & TAXIING - ATA 9

01-1202-0000  
01-0577-0020 Head -- R  
01-1215-0000  
01-0577-0020 Head -- R  
01-1954-6000

##### PARKING & MOORING - ATA 10

99-9028-6000

##### SERVICING - ATA 12

###### ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800

###### HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

###### NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

##### ELECTRICAL POWER - ATA 24

112820CT3 112820C1T3  
112820CST3 11-6610-6000  
112820CS1T3 11-6644C1010

##### FUEL - ATA 28

07-3000-1921 07-3006-6900

##### HYDRAULIC POWER - ATA 29

###### AS330 Only

51101EB\_C  
(recommended base model)

##### ICE & RAIN PROTECTION - ATA 30

09-4003-4010

##### LANDING GEAR - ATA 32

14-4039-0010  
14-6801-0120 14-6883-0110  
Z-1063-13 Main -- R  
Z-1063-08 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6830-6012  
14-6806-6011 14-6883-0110

##### FUSELAGE - ATA 53

04-6029-5111 04-6150-0120

##### POWER PLANT - ATA 71

08-4048-0013  
K-4500 -- R (for Turbomecs  
Arriel/Makila engines)

##### AS350 A-Star (high skid gear)

##### LIFTING & SHORING - ATA 7

02-0222-0111 Forward (2)  
02-0234-0111 Aft  
02A7898C0100

##### ELECTRICAL POWER - ATA 24

112820CT3 112820CS1T3  
112820CST3 112820C1T3

##### AS350 A-Star (low skid gear)

##### AS355 Twin Star

##### LIFTING & SHORING - ATA 7

02-0511-0132 Forward (2)  
02A7898C0100 Forward (2)  
02-0222-0111 Aft

##### ELECTRICAL POWER - ATA 24

112820CT3 112820CS1T3  
112820CST3 112820C1T3

### Eurocopter

(continued on the following page)



The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**Eurocopter** (continued)

**AS332 Super Puma,**  
**AS532 Cougar,**  
**EC 225 Super Puma MKII+, EC725**  
**Super Cougar**

**LIFTING & SHORING - ATA 7**

02-0517-0140 Main (2)  
 02-0517-0140 Nose  
 02-7813C0100 Axle

**TOWING & TAXIING - ATA 9**

01-1202-0000  
 01-0577-0020 Head -- R  
 01-1215-0000  
 01-0577-0020 Head -- R  
 01-1954-6000

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12**

**ENGINE OIL**  
 06-5009-6800 06-5022-6800  
 06-5010-6800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500  
 06-4035-0500 06-5042-0500

**NITROGEN**

18-4303-0000 18-4208-0010  
 18-4201-1010

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000  
 112820CST3 11\_6649-1010  
 112820CS1T3 11\_6650-1010  
 112820C1T3 11\_6657-1000  
 112850 11\_6658-1000  
 112860

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**HYDRAULIC POWER - ATA 29**

5220EB\_C  
 (recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-4003-4010

**LANDING GEAR - ATA 32**

14-4039-0010  
 14-6801-0120 14-6883-0110  
 Z-1063-13 Main -- R  
 Z-1063-08 Nose -- R  
 14-6802-6000 14-6807-6011  
 14-6804-6000 14-6808-6000  
 14-6805-6010 14-6830-6012  
 14-6806-6011 14-6883-0110

**FUSELAGE - ATA 53**

04-6029-5111 04-6150-0120

**POWER PLANT - ATA 71**

08-4048-0013  
 K-4500 -- R (for Turbomecs  
 Arriel/Makila engines)

**BO-105, BK-117, EC135, EC145,****UH-72A Lakota****LIFTING & SHORING - ATA 7**

02-0511-0132 Forward (2)  
 02-0511C0132 Forward (2)  
 02A7898C0100 Forward (2)  
 02-0511-0132 Aft (2)  
 02-0511C0132 Aft (2)  
 02A7898C0100 Aft (2)  
 K-4220

**SERVICING - ATA 12**

**ENGINE OIL**  
 06-5009-6800 06-5022-6800  
 06-5010-6800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500  
 06-4035-0500 06-5042-0500

**NITROGEN**

18-4303-0000 18-4208-0010  
 18-4201-1010

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000  
 11-6602-1000 11-6644C1010  
 92-0552-9000

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**HYDRAULIC POWER - ATA 29**

51101AV BO-105 ONLY  
 51101 BK-117 ONLY  
 (recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-4003-4010

**FUSELAGE - ATA 53**

04-6028-0121  
 Z-4082 Lift Tray -- R  
 04-6029-5111  
 04-6150-0120  
**POWER PLANT - ATA 71**  
 08-0104-4000 Allison 250  
 08-0133-4000 LTS 101  
 08-2023-0010  
 K-2108 Allison 250 -- R  
 \*K-2908 LTS 101 -- R  
 08-4048-0013  
 K-4500 -- R (for Turbomecs  
 Arriel/Makila engines)

**Dauphin AS365N****LIFTING & SHORING - ATA 7**

02-0526-0110 Forward (2)  
 HJ-514 (2) -- R  
 02-0517-0140 Aft

**TOWING & TAXIING - ATA 9**

01-1202-0000  
 01-0556-0000 Head -- R  
 01-1148-0000  
 01-1338-0000  
 01-1339-0000  
 01-1954-6000

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12**

**ENGINE OIL**  
 06-5009-6800 06-5022-6800  
 06-5010-6800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500  
 06-4035-0500 06-5042-0500

**NITROGEN**

18-4303-0000 18-4208-0010  
 18-4201-1010

**ELECTRICAL POWER - ATA 24**

112820CT3 112820C1T3  
 112820CST3 11-6610-6000  
 112820CS1T3 11-6644C1010

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**HYDRAULIC POWER - ATA 29**

52201BF  
 (recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-4003-4010 09-6200-0010

**LANDING GEAR - ATA 32**

14-4039-0010  
 14-6801-0120  
 Z-1063-07 Main -- R  
 Z-1063-07 Nose -- R  
 14-6802-6000 14-6807-6011  
 14-6804-6000 14-6808-6000  
 14-6805-6010 14-6830-6012  
 14-6806-6011 14-6883-0110

**FUSELAGE - ATA 53**

04-6028-0121  
 K-3057 Crane Hook -- R  
 04-6029-5111  
 04-6150-0120

**POWER PLANT - ATA 71**

08-4048-0013  
 K-4500 -- R (for Turbomecs  
 Arriel/Makila engines)

**Dolphin HH-65A****LIFTING & SHORING - ATA 7**

02-0526-0110 Aft (2)  
 HJ-514  
 02-0527-0140 Forward (1)

**TOWING & TAXIING - ATA 9**

01-1201-0000  
 01-0580-0000 Head -- R  
 01-1210-0010

**ELECTRICAL POWER - ATA 24**

112820CT3 112820CS1T3  
 112820CST3 112820C1T3

**HYDRAULIC POWER - ATA 29**

51201FF\_D  
 (recommended base unit)

**EC155****TOWING & TAXIING - ATA 9**

01-1202-0000  
 01-0556-0000 Head -- R  
 01-1148-0000  
 01-1954-6000

**PARKING & MOORING - ATA 10**

99-9028-6000

**Eurofighter****Typhoon****LIFTING & SHORING - ATA 7**

02-7884C0100 Axle

**Fairchild/Dornier****Dornier 328, 328 Jet****LIFTING & SHORING - ATA 7**

02-1256-0111 Main (2)  
 02-7813C0100 Axle  
 02-7828-0110 Nose  
 03-5814-0000 Wing Stand (2)

**TOWING & TAXIING - ATA 9**

01-1201-0010  
 01-0576-0000 Head -- R  
 01-1215-0000  
 01-0576-0000 Head -- R  
 01-1290-0100  
 01-1954-6000  
 JP75

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12**

**LAVATORY**  
 10-4036-0010 10-6409-0000  
 10-6408-0000  
 K-2029 and K-2410 -- R

**POTABLE WATER**

19-4305-0000 19-4306-0000

**ENGINE OIL**

06-5009-6800 06-5022-6800  
 06-5010-6800 06-5042-0800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500  
 06-4035-0500 06-5042-0500  
 06-5004-0500 06-5043-1500

**NITROGEN**

18-4303-0000 18-4208-0010  
 18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000  
 20-4502-6000 20-4505-7000  
 PC-1006 -- R

**AIR CONDITIONING - ATA 21**

15-7603-1000 (base model)

**ELECTRICAL POWER - ATA 24**

112820CT3 112820C1T3  
 112820CST3 11-6610-6000  
 112820CS1T3

**FUEL - ATA 28**

07-3000-1921 07-3006-6900  
 07-3004-6900

**HYDRAULIC POWER - ATA 29**

5110  
 (recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6801-0120  
 Z-1063-10 Main -- R -- 328  
 Z-1063-08 Nose -- R -- 328  
 Z-1063-17 Main -- R -- 328 Jet  
 Z-1064-10 Nose -- R -- 328 Jet  
 14-6802-6000 14-6807-6011  
 14-6804-6000 14-6808-6000  
 14-6805-6010 14-6830-6012  
 14-6806-6011 14-6883-0110

**FUSELAGE - ATA 53**

04-6001-1100 04-6029-5111  
 04-6028-0121 04-6150-0120  
 K-3057 Crane Hook -- R  
 Z-4082 Lift Tray -- R

**PROPELLERS - ATA 10**

08-0503-4000 08-2028-0000

**POWER PLANT - ATA 71**

08-0139-4000 08-4049-0013

**Fairchild/Dornier**

(continued on the following page)

## Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

## Fairchild/Dornier (continued)

## Dornier 228-100/200

## LIFTING &amp; SHORING - ATA 7

02-0234-0111 Nose  
02-0522-0140 Main (2)  
TR-1310 (2) -- R  
02-0544-0110 Aft (1)  
02-7853C0100 Axle

## TOWING &amp; TAXIING - ATA 9

01-1155-0000  
01-1201-0010  
01-0534-0000 Head -- R  
01-1954-6000  
JP75

## Envoy 3

## LIFTING &amp; SHORING - ATA 7

02-1256-0111 Main (2)  
02-7813C0100 Axle  
02-7828-0110 Nose (1)  
03-5814-0000 Wing Stand (2)

## TOWING &amp; TAXIING - ATA 9

01-1201-0010  
01-0576-0000 Head -- R  
01-1954-6000  
JP30  
JP30L

## ELECTRICAL POWER - ATA 24

112820CT3 112820CS1T3  
112820CST3 112820C1T3

## HYDRAULIC POWER - ATA 29

51101CN  
(recommended base model)

## Metro Merlin II

## LIFTING &amp; SHORING - ATA 7

02-0536-0110 Main (2)  
02-0536-0110 Nose (1)

## TOWING &amp; TAXIING - ATA 9

JP30  
JP30L

## ELECTRICAL POWER - ATA 24

112820CT3 112820CS1T3  
112820CST3 112820C1T3

## Metro Merlin III, IV

## LIFTING &amp; SHORING - ATA 7

02-0544-0110 Main (2)  
02-0544-0110 Nose

## TOWING &amp; TAXIING - ATA 9

01-1202-0000  
01-0507-0000 Head -- R  
01-1263-0000  
01-1954-6000  
JP30  
JP30L

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

## ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

## HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

## NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

## OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 -- R

## AIR CONDITIONING - ATA 21

15-7603-1000 (base model)

## ELECTRICAL POWER - ATA 24

112820CT3 112850  
112820CST3 112860  
112820CS1T3  
112820C1T3

## FUEL - ATA 28

07-3000-1921 07-3006-6900

## HYDRAULIC POWER - ATA 29

51201AC  
(recommended base model)

## ICE &amp; RAIN PROTECTION - ATA 30

09-6200-0010

## LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-11 Main -- R  
Z-1064-13 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

## FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6150-0120

## POWER PLANT - ATA 71

08-0100-4000 PT6A  
08-0103-4000 TPE 331  
08-2001-0000  
K-2115 PT6A -- R  
08-2023-0010  
K-2110 TPE 331 -- R  
08-4048-0013  
K-1057 TPE 331 -- R  
K-1152 PT6A -- R

## Fokker

## F-27

## LIFTING &amp; SHORING - ATA 7

02-7802-0111 Main (2)  
02-7823-0110 Nose (1)  
02-7830-0110 Axle

## TOWING &amp; TAXIING - ATA 9

01-1201-0010  
01-0514-0000 Head -- R  
01-1954-6000  
JP75

## ELECTRICAL POWER - ATA 24

112820CT3 112820CS1T3  
112820CST3 112820C1T3

## F-28

## LIFTING &amp; SHORING - ATA 7

02-1248-0112 Tail (1)  
02-2560-0111 Main (2)  
02-7830-0110 Axle

## TOWING &amp; TAXIING - ATA 9

01-1176-0010  
JP5

## ELECTRICAL POWER - ATA 24

112820CT3 11B6648-1000  
112820CST3 11B6648-1010  
112820CS1T3 11C6649-1000  
112820C1T3 11C6649-1010

## HYDRAULIC POWER - ATA 29

56301AE  
(recommended base model)

## F-50

## LIFTING &amp; SHORING - ATA 7

02-0517-0140 Nose  
02-7802-0111 Main (2)  
02-7813C0100 Axle Nose  
02-7830-0110 Axle Main

## TOWING &amp; TAXIING - ATA 9

01-1201-0010  
01-0566-0000 Head w/shear  
01-0569-0000 Head -- R  
01-1217-0000  
01-1290-0100  
01-1954-6000  
JP75

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

## LAVATORY

10-6402-0010 10-6410-0000  
K-2029 and K-2410 -- R

## POTABLE WATER

19-4305-0000 19-4306-0000

## ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800

## HYDRAULIC FLUID

06-4005-0511 06-5042-0500  
06-4035-0500 06-5043-1500  
06-5022-6500

## NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

## OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

## ELECTRICAL POWER - ATA 24

112820CT3 11B6648-1000  
112820CST3 11B6648-1010  
112820CS1T3 11C6649-1000  
112820C1T3 11C6649-1010  
11-6610-6000

## FUEL - ATA 28

07-3000-1921 07-3006-6900

## HYDRAULIC POWER - ATA 29

56101BK  
(recommended base model)

## ICE &amp; RAIN PROTECTION - ATA 30

09-6200-0010

## LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-19 Main -- R  
Z-1063-13 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6830-6012  
14-6806-6011 14-6883-0110

## FUSELAGE - ATA 53

04-6001-1100  
04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6150-0120

## Fokker

(continued on the following page)

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**Fokker** (continued)**F-70****LIFTING & SHORING - ATA 7**

02-2560-0111 Main (2)  
02-7813C0100 Axle Nose  
02-7830-0110 Axle Main

**TOWING & TAXIING - ATA 9**

01-1212-0000  
01-1236-0000  
JP100S

**ELECTRICAL POWER - ATA 24**

112820CT3 11B6648-1000  
112820CST3 11B6648-1010  
112820CS1T3 11C6649-1000  
112820C1T3 11C6649-1010

**HYDRAULIC POWER - ATA 29**

56301FC  
(recommended base unit)

**F-100****LIFTING & SHORING - ATA 7**

02-7813C0100 Axle Nose

**TOWING & TAXIING - ATA 9**

01-1212-0000  
01-1236-0000  
JP100S

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

10-6402-0010 10-6410-0000  
K-2029 and K-2410 -- R

**POTABLE WATER**

19-4305-0000 19-4306-0000

**ENGINE OIL**

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

**HYDRAULIC FLUID**

06-4005-3611 06-5042-3600  
06-4035-3600 06-5043-3600  
06-5022-6600  
KHC-1081 Reservoir -- R

**NITROGEN**

18-4303-0000 18-4208-0010  
18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

**ELECTRICAL POWER - ATA 24**

11-6610-6000

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**HYDRAULIC POWER - ATA 29**

54301FC  
(recommended base model)

**LANDING GEAR - ATA 32**

14-6802-6000 14-6808-6000  
14-6804-6000 14-6830-6012  
14-6805-6010 14-6878-0110  
14-6806-6011 14-6883-0010  
14-6807-6011

**FUSELAGE - ATA 53**

04-6001-1100 04-6029-5111

**General Atomics****MQ-1 Predator, Predator B****LIFTING & SHORING - ATA 7**

02-0234-0111 Tail  
R-1117 -- R

**TOWING & TAXIING - ATA 9**

01-1308-0010

**SERVICING - ATA 12****HYDRAULIC FLUID**

06-5022-6500-A7

**LANDING GEAR - ATA 32**

14-6801-0120  
Z-1063-08 -- R  
Z-1063-10 -- R

**General Dynamics****Convair 580-640****LIFTING & SHORING - ATA 7**

02A1256-0111 Tail  
02-7813C0100 Axle Nose  
02A7850-0100 Main (2)  
K-1106

**TOWING & TAXIING - ATA 9**

01-1201-0010  
01-0547-0000 Head -- R  
01-1216-0000  
01-0547-0000 Head -- R  
01-1954-6000  
JP75

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

10-6402-0010 10-6410-0000  
K-2029 and K-2410 -- R

**POTABLE WATER**

19-4305-0000 19-4306-0000

**ENGINE OIL**

06-5010-6800 06-5042-0800  
06-5022-6800

**HYDRAULIC FLUID**

06-4005-0511 06-5042-0500  
06-4035-0500 06-5043-1500  
06-5022-6500

**NITROGEN**

18-4303-0000 18-4208-0010  
18-4201-1010

**OXYGEN**

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

**ELECTRICAL POWER - ATA 24**

112820CT3 112820C1T3  
112820CST3 11-6610-6000  
112820CS1T3

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**HYDRAULIC POWER - ATA 29**

54101ZZ  
(recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

14-6801-0120  
Z-3072-20 Main -- R  
Z-1063-17 Nose -- R  
14-6802-6000 14-6808-6000  
14-6804-6000 14-6830-6012  
14-6805-6010 14-6878-0110  
14-6806-6011 14-6883-0010  
14-6807-6011

**FUSELAGE - ATA 53**

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6152-0120

**POWER PLANT - ATA 71**

08-4049-0013

**Global****Predator B****TOWING & TAXIING - ATA 9**

01-1308-0000

**Grob****G120A****LIFTING & SHORING - ATA 7**

02-0520C0111 Nose  
02-0517C0140 Main (2)

**TOWING & TAXIING - ATA 9**

01-1333-0000

**SERVICING - ATA 12****HYDRAULIC FLUID**

06-5004-0500 06-5042-0500  
06-5022-6500

**NITROGEN**

12-3100-1000 18-4303-0000  
12-3103-6011 18-4208-0010  
18-4201-1010 K-3706

**OXYGEN**

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006

**ELECTRICAL POWER - ATA 24**

112850S0100

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**LANDING GEAR - ATA 32**

14-6801-0120  
Z-1063-09 Main -- R  
Z-1063-07 Nose -- R  
14-4039-0010 14-6807-6011  
14-6802-6000 14-6808-6000  
14-6804-6000 14-6833-6030  
14-6806-6011 14-6900-6600

**POWER PLANT - ATA 71**

08-4048-0013

**G120TP****LIFTING & SHORING - ATA 7**

02-0520C0111 Nose  
02-0520C0111 Main (2)

**TOWING & TAXIING - ATA 9**

01-1333-0000

**SERVICING - ATA 12****ENGINE OIL**

06-5022-6800 06-5042-0800  
Z-2152 N-2009-08

**HYDRAULIC FLUID**

06-5004-0500 06-5042-0500  
06-5022-6500

**NITROGEN**

12-3100-1000 18-4303-0000  
12-3103-6011 18-4208-0010  
18-4201-1010 K-3706

**OXYGEN**

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006

**ELECTRICAL POWER - ATA 24**

112850S0100

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**LANDING GEAR - ATA 32**

14-6801-0120  
Z-1063-13 Main -- R  
Z-1063-09 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6833-6030  
14-6806-6011

**Gulfstream****Aero Commander****LIFTING & SHORING - ATA 7**

02-0234-0111 Main (2) with  
03-5400-0000 Leg Ext. (2)  
02-7813C0100 Axle

**TOWING & TAXIING - ATA 9**

01-1112-0010  
01-1202-0000  
01-0511-0000 Head -- R  
01-1954-6000  
JP30 JP30L

**AIR CONDITIONING - ATA 21**

15-7601-6000  
15-7603-1000 (base model)  
K-1623 -- R  
15-7605-6000  
K-1623 -- R

**ELECTRICAL POWER - ATA 24**

112820CT3 112820CS1T3  
112820CST3 112820C1T3

**HYDRAULIC POWER - ATA 29**

50101AR  
(recommended base model)

**LANDING GEAR - ATA 32**

14-6909C0000

**Gulfstream**

(continued on the following page)

# Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

## Gulfstream

### G100, G150

#### LIFTING & SHORING - ATA 7

|              |                   |
|--------------|-------------------|
| 02-7813C0100 | Axle              |
| 03-5809C0000 | Stabilizing Stand |

#### G100 Only

|              |          |
|--------------|----------|
| 02-0536-0110 | Main (2) |
| 02-0536-0110 | Nose     |

#### G150 Only

|              |          |
|--------------|----------|
| 02-1032-0111 | Main (2) |
| 02-7856-0100 | Nose     |

#### TOWING & TAXIING - ATA 9

|              |  |
|--------------|--|
| 01-1954-6000 |  |
|--------------|--|

#### G100 Only

|              |           |
|--------------|-----------|
| 01-1202-0000 |           |
| 01-0559-0000 | Head -- R |
| 01-1215-0000 |           |
| 01-0559-0000 | Head -- R |
| 01-1262-0000 |           |
| JP30         | JP30L     |

#### G150 Only

|              |           |
|--------------|-----------|
| 01-1202-0000 |           |
| 01-0576-0000 | Head -- R |
| 01-1215-0000 |           |
| 01-0576-0000 | Head -- R |
| 01-1272-0000 |           |
| 01-1290-0100 |           |
| 01-1354-0100 |           |
| JP75         |           |

#### PARKING & MOORING - ATA 10

|              |  |
|--------------|--|
| 99-9028-6000 |  |
|--------------|--|

#### SERVICING - ATA 12

##### LAVATORY

|                   |              |
|-------------------|--------------|
| 10-4036-0010      | 10-6409-0000 |
| 10-6408-0000      | 10-6410-0000 |
| K-2410 and K-2412 | -- R         |

##### POTABLE WATER

|              |              |
|--------------|--------------|
| 19-4305-0000 | 19-4306-0000 |
|--------------|--------------|

##### ENGINE OIL

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 |              |

##### HYDRAULIC FLUID

|              |              |
|--------------|--------------|
| 06-4005-3611 | 06-5041-3610 |
| 06-4035-3600 | 06-5042-3600 |
| 06-5022-6600 |              |

##### NITROGEN

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

##### OXYGEN

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |

#### AIR CONDITIONING - ATA 21

|              |              |
|--------------|--------------|
| 15-7603-1000 | (base model) |
| K-2418       | -- R         |
| 15-7605-6000 |              |
| K-2418       |              |

#### ELECTRICAL POWER - ATA 24

|             |              |
|-------------|--------------|
| 112820CT3   | 112820C1T3   |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 | 11-6644C1010 |

#### FUEL - ATA 28

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3001-4900 |
|--------------|--------------|

#### LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-14    | Main -- R    |
| Z-1063-11    | Nose -- R    |
| 14-6802-6000 | 14-6808-6000 |
| 14-6804-6000 | 14-6883-0110 |
| 14-6805-6010 | 14-6909C0000 |
| 14-6806-6011 | 14-6915-0100 |
| 14-6807-6011 |              |

### G100, G150

#### FUSELAGE - ATA 53

|              |                 |
|--------------|-----------------|
| 04-6028-0121 |                 |
| K-3057       | Crane Hook -- R |
| Z-4082       | Lift Tray -- R  |
| 04-6029-5111 |                 |
| 04-6150-0120 |                 |

#### POWER PLANT - ATA 71

|              |                        |
|--------------|------------------------|
| 08-0102-4010 | TFE731-3               |
| 08-2001-0000 |                        |
| K-2112       | TFE731-3 Astra/Astr SP |
| 08-2021C0000 |                        |
| K-3215       | TFE731-40 Astra SPX    |
| 08-2034-0010 |                        |
| K-2808       | TFE731-40 Astra SPX    |
| 08-4049-0013 |                        |

### G280

#### LIFTING & SHORING - ATA 7

|              |                       |
|--------------|-----------------------|
| 02A7917C0100 | Main                  |
| 02A7899C0100 | Main if no flat strut |
| 02A7828C0110 | Nose                  |
| 02A7917C0100 | Nose alternate        |

#### TOWING & TAXIING - ATA 9

|              |  |
|--------------|--|
| 01-1272-0000 |  |
| 01-1354-0100 |  |
| JP100S       |  |

#### AIR CONDITIONING - ATA 21

|              |              |
|--------------|--------------|
| 15-7601-6000 | 15-7605-6000 |
| 15-7603-1000 | (base model) |

#### LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 99-7099-6000 | 99-7104-6000 |
| 99-7100-6000 | 99-7107-6000 |
| 99-7101-6000 | 99-7108-6000 |
| 99-7102-6000 | 99-7110-6000 |
| 99-7103-6000 | 99-7111-6000 |

### G200

#### LIFTING & SHORING - ATA 7

|              |          |
|--------------|----------|
| 02-1032-0111 | Main (2) |
| 02-7813C0100 | Axle     |
| 02-7828-0110 | Nose     |

#### TOWING & TAXIING - ATA 9

|              |  |
|--------------|--|
| 01-1271-0000 |  |
| 01-1272-0000 |  |
| 01-1354-0100 |  |
| JP100S       |  |

#### PARKING & MOORING - ATA 10

|              |  |
|--------------|--|
| 99-9015-6000 |  |
|--------------|--|

#### SERVICING - ATA 12

##### LAVATORY

|                   |              |
|-------------------|--------------|
| 10-4036-0010      | 10-6409-0000 |
| 10-6408-0000      | 10-6410-0000 |
| K-2410 and K-2412 | -- R         |

##### POTABLE WATER

|              |              |
|--------------|--------------|
| 19-4305-0000 | 19-4306-0000 |
|--------------|--------------|

##### ENGINE OIL

|              |               |
|--------------|---------------|
| 06-5009-6800 | 06-5010-6800  |
| 06-5022-6800 | 06-5073-0800  |
| KHC-2173     | CSD Fill -- R |

##### HYDRAULIC FLUID

|              |              |
|--------------|--------------|
| 06-4005-3611 | 06-5042-3600 |
| 06-4035-3600 | 06-5043-3600 |
| 06-5022-6600 |              |

##### NITROGEN

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

##### OXYGEN

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006      | -- R         |

#### AIR CONDITIONING - ATA 21

|              |              |
|--------------|--------------|
| 15-7603-1000 | (base model) |
|--------------|--------------|

#### ELECTRICAL POWER - ATA 24

|             |              |
|-------------|--------------|
| 112820CT3   | 112820C1T3   |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 | 11-6644C1010 |

#### FUEL - ATA 28

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

#### HYDRAULIC POWER - ATA 29

|                          |  |
|--------------------------|--|
| 54301BH                  |  |
| (recommended base model) |  |
| 13-6603-6000             |  |

#### ICE & RAIN PROTECTION - ATA 30

|              |  |
|--------------|--|
| 09-6200-0010 |  |
|--------------|--|

#### LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-17    | Main -- R    |
| Z-1064-13    | Nose -- R    |
| 14-6802-6000 | 14-6830-6012 |
| 14-6804-6000 | 14-6883-0110 |
| 14-6805-6010 | K-2965       |
| 14-6806-6011 | 14-6909C0000 |
| 14-6807-6011 | 14-6915-0100 |
| 14-6808-6000 |              |

#### FUSELAGE - ATA 53

|              |                 |
|--------------|-----------------|
| 04-6028-0121 |                 |
| K-3057       | Crane Hook -- R |
| Z-4082       | Lift Tray -- R  |
| 04-6029-5111 |                 |
| 04-6030-5111 |                 |
| 04-6150-0120 |                 |

#### POWER PLANT - ATA 71

|              |              |
|--------------|--------------|
| 08-0138-4000 | 08-4049-0013 |
| 08-2034-0010 |              |
| K-3152       | -- R         |

### G650

#### LIFTING & SHORING - ATA 7

|              |          |
|--------------|----------|
| 02A7913C0100 | Main (2) |
| 02A1248C0112 | Nose     |
| 02-7901C0100 | Axle     |
| 02-7925C0100 | Axle     |

#### TOWING & TAXIING - ATA 9

|              |           |
|--------------|-----------|
| 01-1270-0010 |           |
| 01-0806-0000 | Head -- R |
| 01-1290-0100 |           |
| 01-0806-0000 | Head -- R |
| JP100S       |           |
| JP100SSC     |           |

#### PARKING & MOORING - ATA 10

|              |  |
|--------------|--|
| 99-9028-6000 |  |
|--------------|--|

#### SERVICING - ATA 12

##### LAVATORY

|                   |      |
|-------------------|------|
| 10-6410-0000      |      |
| K-2410 and K-2029 | -- R |

##### POTABLE WATER

|              |              |
|--------------|--------------|
| 19-4305-0000 | 19-4306-0000 |
|--------------|--------------|

##### ENGINE OIL

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

##### HYDRAULIC FLUID

|              |                |
|--------------|----------------|
| 06-4005-3611 | 06-5042-3600   |
| 06-4035-3600 | 06-5043-3600   |
| 06-5022-6600 |                |
| KHC-1009     | Reservoir -- R |

##### NITROGEN

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

##### OXYGEN

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006      | -- R         |

#### ELECTRICAL POWER - ATA 24

|             |              |
|-------------|--------------|
| 112820CT3   | 11-6610-6000 |
| 112820CST3  | 11_6652-1010 |
| 112820CS1T3 | 11_6660-1000 |
| 112820C1T3  |              |

#### FUEL - ATA 28

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

#### HYDRAULIC POWER - ATA 29

|              |              |
|--------------|--------------|
| 13-6612-6600 | 13-6615-6000 |
| 13-6616-6600 |              |
| 5630-AF      |              |

(recommended base model)

#### ICE & RAIN PROTECTION - ATA 30

|              |  |
|--------------|--|
| 09-6200-0010 |  |
|--------------|--|

#### LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6802-6000 | 14-6878-0110 |
| 14-6804-6000 | K-3151 -- R  |
| 14-6805-6010 | 14-6883-0110 |
| 14-6806-6011 | K-2965 -- R  |
| 14-6807-6011 | 14-6909C0000 |
| 14-6808-6000 | 14-6919-0100 |
| 14-6830-6012 |              |

#### FUSELAGE - ATA 53

|              |                   |
|--------------|-------------------|
| 04-6001-1100 | 04-6029-5111      |
| 04-6005-1100 | 04-6030-5111      |
| 04-6028-0121 | 04-6152-0120      |
| K-3057       | Crane Hook -- R   |
| K-4400       | Battery Lift -- R |

### GI

#### LIFTING & SHORING - ATA 7

|              |          |
|--------------|----------|
| 02-1036-0111 | Nose (1) |
| 02-1248-0112 | Main (2) |
| 02-7813C0100 | Axle     |

#### TOWING & TAXIING - ATA 9

|              |           |
|--------------|-----------|
| 01-1106-0000 |           |
| 01-1202-0000 |           |
| 01-0546-0000 | Head -- R |
| 01-1290-0100 |           |
| 01-1954-6000 |           |
| JP75         |           |
| JP100SSC     |           |

#### HYDRAULIC POWER - ATA 29

|                          |  |
|--------------------------|--|
| 51301AD                  |  |
| (recommended base model) |  |

#### LANDING GEAR - ATA 32

|              |  |
|--------------|--|
| 14-6909C0000 |  |
|--------------|--|

## Gulfstream

(continued on the following page)

continued on next column



The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**Gulfstream (continued)****GII, GIII, GIV, GIVSP, G350****LIFTING & SHORING - ATA 7**

|              |          |
|--------------|----------|
| 02-1248-0112 | Nose     |
| 02-7830-0110 | Axle     |
| 02-7844-0111 | Main (2) |

**TOWING & TAXIING - ATA 9****GII, GIII, GIV, GIVSP Only**

|              |           |
|--------------|-----------|
| 01-1106-0000 |           |
| 01-1201-0010 |           |
| 01-0546-0000 | Head -- R |
| 01-1290-0100 |           |
| 01-0806-0000 | Head -- R |
| 01-1253-0000 |           |
| 01-1261-0000 |           |
| 01-1261-0011 |           |
| 01-1954-6000 |           |
| JP75         |           |
| JP100SSC     |           |

**G350 Only**

|              |           |
|--------------|-----------|
| 01-1274-0030 |           |
| 01-1270-0010 |           |
| 01-0802-0011 | Head -- R |
| JP75         |           |
| JP100SSC     |           |

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

|                        |  |
|------------------------|--|
| 10-6410-0000           |  |
| K-2410 and K-2029 -- R |  |

**POTABLE WATER**

|              |              |
|--------------|--------------|
| 19-4305-0000 | 19-4306-0000 |
|--------------|--------------|

**ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5043-1800 |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-3611 | 06-5042-3600 |
| 06-4035-3600 | 06-5043-3600 |
| 06-5022-6600 |              |

KHC-1009 Reservoir -- R

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006 -- R |              |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 112820C1T3   |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 |              |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 54301EF_C                |  |
| 54301BH_G350 Only        |  |
| (recommended base model) |  |

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

|                                 |              |
|---------------------------------|--------------|
| 14-6801-0120                    |              |
| Z-3072-20 Main Goodyear -- R    |              |
| Z-3072-22 Main Dunlop -- R      |              |
| *K-3729 Dunlap Tool -- Optional |              |
| Z-1064-13 Nose -- R             |              |
| 14-6802-6000                    | 14-6830-6012 |
| 14-6804-6000                    | 14-6878-0110 |
| 14-6805-6010                    | 14-6883-0110 |
| 14-6806-6011                    | K-2965       |
| 14-6807-6011                    | 14-6909C0000 |
| 14-6808-6000                    |              |

**FUSELAGE - ATA 53**

|                                             |  |
|---------------------------------------------|--|
| 04-6005-1100                                |  |
| 04-6028-0121                                |  |
| K-3057 Crane Hook -- R                      |  |
| Z-4082 Lift Tray -- R                       |  |
| K-4400 Battery Lift -- R for GIV, and GIVSP |  |

|              |  |
|--------------|--|
| 04-6029-5111 |  |
| 04-6152-0120 |  |

**POWER PLANT - ATA 71**

08-4049-0013

**GV, GVSP, G450, G500, G550****LIFTING & SHORING - ATA 7**

|              |          |
|--------------|----------|
| 02-1248-0112 | Nose     |
| 02-7830-0110 | Axle     |
| 02-7844-0111 | Main (2) |

**TOWING & TAXIING - ATA 9**

|                          |           |
|--------------------------|-----------|
| 01-1274-0030             |           |
| 01-1270-0010             |           |
| 01-0806-0000             | Head -- R |
| 01-1290-0100             |           |
| 01-0806-0000             | Head -- R |
| 01-1261-0000 (G550 Only) |           |
| JP75 (G450 Only)         |           |
| JP100S                   |           |
| JP100SSC                 |           |

**GV, GVSP Only**

01-1261-0011

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

|                        |  |
|------------------------|--|
| 10-6410-0000           |  |
| K-2410 and K-2029 -- R |  |

**POTABLE WATER**

|              |              |
|--------------|--------------|
| 19-4305-0000 | 19-4306-0000 |
|--------------|--------------|

**ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-3611 | 06-5042-3600 |
| 06-4035-3600 | 06-5043-3600 |
| 06-5022-6600 |              |

KHC-1009 Reservoir -- R

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006 -- R |              |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 112820C1T3   |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 |              |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 57301AF                  |  |
| (recommended base model) |  |

**ICE & RAIN PROTECTION - ATA 30**

09-6200-0010

**LANDING GEAR - ATA 32**

|              |              |
|--------------|--------------|
| 14-6802-6000 | 14-6830-6012 |
| 14-6804-6000 | 14-6878-0110 |
| 14-6805-6010 | K-3151 -- R  |
| 14-6806-6011 | 14-6883-0110 |
| 14-6807-6011 | K-2965       |
| 14-6808-6000 | 14-6909C0000 |

**FUSELAGE - ATA 53**

|                          |              |
|--------------------------|--------------|
| 04-6001-1100             | 04-6029-5111 |
| 04-6005-1100             | 04-6030-5111 |
| 04-6028-0121             | 04-6152-0120 |
| K-3057 Crane Hook -- R   |              |
| K-4400 Battery Lift -- R |              |

**Turbo Commander****LIFTING & SHORING - ATA 7**

|              |          |
|--------------|----------|
| 02-0566-0110 | Main (2) |
| 02-7813C0100 | Axle     |

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1112-0010 |           |
| 01-1202-0000 |           |
| 01-0511-0000 | Head -- R |
| 01-1954-6000 |           |

**ELECTRICAL POWER - ATA 24**

|            |             |
|------------|-------------|
| 112820CT3  | 112820CS1T3 |
| 112820CST3 | 112820C1T3  |

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 50100AR                  |  |
| (recommended base model) |  |

**LANDING GEAR - ATA 32**

14-6909C0000

**Hawker Beechcraft****Baron, Bonanza****LIFTING & SHORING - ATA 7**

|              |                   |
|--------------|-------------------|
| 02-0222-0111 | Main (2)          |
| 02-0300-0100 | 3-Point           |
| 03-4006-0000 | Stabilizing Stand |

**TOWING & TAXIING - ATA 9**

|              |       |
|--------------|-------|
| 01-1233-0010 |       |
| JP30         | JP30L |

**ELECTRICAL POWER - ATA 24**

|            |             |
|------------|-------------|
| 112820CT3  | 112820CS1T3 |
| 112820CST3 | 112820C1T3  |

**Beech 99, 1900****LIFTING & SHORING - ATA 7**

|              |                   |
|--------------|-------------------|
| 02-0536-0110 | Main (2)          |
| 02-0536-0110 | Nose              |
| 02-7856-0100 | Main (2) Hi-Float |
| 02-7856-0100 | Nose Hi-Float     |
| 03-5804-0010 | Stabilizing Stand |

**TOWING & TAXIING - ATA 9**

|                              |           |
|------------------------------|-----------|
| 01-1216-0000                 |           |
| 01-0506-0000                 | Head -- R |
| 01-1109-0010 (Beech 99 ONLY) |           |
| 01-1202-0000                 |           |
| 01-0506-0000                 | Head -- R |

01-1954-6000

JP30 JP30L

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

06-5010-6500

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006 -- R |              |

**AIR CONDITIONING - ATA 21**

15-7603-1000 (base model)

K-1285 -- R

15-7605-6000

K-1285 -- R

**ELECTRICAL POWER - ATA 24**

|             |            |
|-------------|------------|
| 112820CT3   | 112820C1T3 |
| 112820CST3  | 112850     |
| 112820CS1T3 | 112860     |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3001-4900 |
|--------------|--------------|

**ICE & RAIN PROTECTION - ATA 30**

09-4003-4010

**LANDING GEAR - ATA 32**

|                     |              |
|---------------------|--------------|
| 14-6801-0120        |              |
| Z-1063-11 Main -- R |              |
| Z-1063-13 Nose -- R |              |
| 14-6802-6000        | 14-6807-6011 |
| 14-6804-6000        | 14-6808-6000 |
| 14-6805-6010        | 14-6883-0110 |
| 14-6806-6011        |              |

**FUSELAGE - ATA 53**

|                        |  |
|------------------------|--|
| 04-6028-0121           |  |
| K-3057 Crane Hook -- R |  |
| Z-4082 Lift Tray -- R  |  |
| 04-6029-5111           |  |
| 04-6150-0120           |  |

**POWER PLANT - ATA 71**

|              |              |
|--------------|--------------|
| 08-0102-4010 | 08T4049-0013 |
| 08-2001-0000 | K-1152 -- R  |
| K-2116 -- R  |              |

**Beechjet 400A, Diamond****LIFTING & SHORING - ATA 7**

|                             |                             |
|-----------------------------|-----------------------------|
| 02-7856-0100                | Main (2)                    |
| 02-0522-0140                | Nose                        |
| (Serial # RK-144 and after) |                             |
| 02-0526-0110                | Nose                        |
| HJ-557 -- R (3)             |                             |
| (before Serial # RK-144)    |                             |
| 03-4033-0000                | Stabilizing Stand           |
| K-3863                      | Stabilizing Stand Alarm Kit |
| 03A4033-0000                | Stabilizing Stand           |

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1179-0010 |           |
| 01-1202-0000 |           |
| 01-0543-0000 | Head -- R |
| 01-1954-6000 |           |
| JP30         | JP30L     |

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

|                        |              |
|------------------------|--------------|
| 10-4036-0010           | 10-6409-0000 |
| 10-6408-0000           |              |
| K-2410 and K-2412 -- R |              |

**POTABLE WATER**

|              |              |
|--------------|--------------|
| 19-4305-0000 | 19-4306-0000 |
|--------------|--------------|

**ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4503-6000 | 20-4505-7000 |
| PC-1006 -- R |              |

**AIR CONDITIONING - ATA 21**

|              |              |
|--------------|--------------|
| 15-7603-1000 | (base model) |
| K-1660 -- R  |              |

15-7605-6000

K-1660 -- R

**ELECTRICAL POWER - ATA 24**

112820CT3 112820C1T3

112820CST3 11-6610-6000

112820CS1T3 11-6644

# Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

## Hawker Beechcraft (continued)

### Duke 60

#### LIFTING & SHORING - ATA 7

02-0222-0111 Main (2)  
02-0222-0111 Nose  
\*K-2020 -- R

#### TOWING & TAXIING - ATA 9

01-1233-0010  
JP30 JP30L

#### AIR CONDITIONING - ATA 21

15-7605-6000  
K-1456 -- R

#### ELECTRICAL POWER - ATA 24

112820CT3 112820CS1T3  
112820CST3 112820C1T3

### King Air, C-12

#### LIFTING & SHORING - ATA 7

02-0536-0110 Main (2)  
02-0536-0110 Nose  
02-7856-0100 Main (2) Hi-Float  
02-7856-0100 Nose Hi-Float  
03-5804-0010 Stabilizing Stand

#### TOWING & TAXIING - ATA 9

01-1109-0010  
01-1202-0000  
01-0506-0000 Head -- R  
01-1216-0000  
01-0506-0000 Head -- R  
01-1259-0000  
01-1954-6000  
JP30 JP30L

#### PARKING & MOORING - ATA 10

99-9028-6000 08-2033-0000

#### SERVICING - ATA 12

ENGINE OIL  
06-5009-6800 06-5022-6500  
06-5010-6800 06-5042-0500

HYDRAULIC FLUID  
06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

NITROGEN  
18-4303-0000 18-4208-0010  
18-4200-1100

OXYGEN  
20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 -- R

#### AIR CONDITIONING - ATA 21

15-7603-1000 (base model)  
K-1285 -- R  
K-1285 -- R (SN BB1347 & higher)  
15-7605-6000 King Air ONLY  
K-1285 -- R

#### ELECTRICAL POWER - ATA 24

112820CT3 112820C1T3  
112820CST3 11-6610-6000  
112820CS1T3 11-6644C1010

#### FUEL - ATA 28

07-3000-1921 07-3001-4900

#### ICE & RAIN PROTECTION - ATA 30

09-4003-4010 09-6200-0010

#### LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-13 -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

#### FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6150-0120

#### POWER PLANT - ATA 71

08-0100-4000  
08-0103-4000  
08-0120-4010  
08-2001-0000  
K-2115 PT6A-1 to 36 -- R  
K-2116 PT6A-20, 21 & 60 -- R  
08-2023-0010  
K-2110 TPE-331 -- R  
08T4049-0013  
K-1152 -- R

### Hawker 1000

#### HS-125 Series 400-800,

#### T-1 Jayhawk, T-400,

#### LIFTING & SHORING - ATA 7

02-0544-0110 Tail  
02-1032-0111 Main (2)  
02-7813C0100 Axle  
03-5830-0000 Pylon Support  
K-3864 Stabilizing Stand Alarm Kit  
03A5830-0000 Pylon Support

#### TOWING & TAXIING - ATA 9

01-1202-0000  
01-0502-0000 Head -- R  
01-0574-0010 Hawker 1000  
w/shear

#### HS-125 400-800, T-1 Jayhawk, T-400

JP30

### HAWKER 1000

JP75

#### PARKING & MOORING - ATA 10

99-9028-6000

#### SERVICING - ATA 12

LAVATORY  
10-4036-0010 10-6409-0000  
10-6408-0000  
K-2029 and K-2410 -- R

POTABLE WATER  
19-4305-0000 19-4306-0000

ENGINE OIL  
06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

HYDRAULIC FLUID  
06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

NITROGEN  
18-4303-0000 18-4208-0010  
18-4200-1100

OXYGEN  
20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 -- R

#### AIR CONDITIONING - ATA 21

15-7603-1000 (base model)  
K-2610 -- R  
15-7605-6000  
K-2610

#### ELECTRICAL POWER - ATA 24

112820CT3 112820C1T3  
112820CST3 11-6610-6000  
112820CS1T3 11-6644C1010

#### FUEL - ATA 28

07-3000-1921 07-3001-4900

#### HYDRAULIC POWER - ATA 29

13-6603-6000  
125/700/800/1000 ONLY  
51101AB  
(recommended base model)

#### ICE & RAIN PROTECTION - ATA 30

09-5046-6500

#### LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-15 Main -- R  
Z-1064-12 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6806-6011 14-6883-0110  
14-6805-6010 Except 800  
14-6805-6010 HS-125 800 ONLY

#### FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6152-0120

#### POWER PLANT - ATA 71

08-0102-4010 08-2030-0000  
08-0121-4010 K-2770 -- R  
08-2018-0000 08-4049-0013  
08-2021C0000  
K-1795 -- R

### Hawker 4000

#### LIFTING & SHORING - ATA 7

02-1032-0111 Tail  
02-1032-0111 Main (2)  
02-7813C0100 Axle

#### TOWING & TAXIING - ATA 9

001-1202-0000  
01-0571-0011 Head -- R  
01-0603-0000 Head -- R  
01-1229-0011  
01-1216-0000

#### PARKING & MOORING - ATA 10

99-9028-6000

#### SERVICING - ATA 12

LAVATORY  
10-4036-0010 K-3606  
10-6408-0000  
K-2412 and K-2410 -- R

#### POTABLE WATER

19-4305-0000 K-2411

#### ENGINE OIL

06-5010-6800 06-5042-0800  
06-5022-6800

#### HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500  
KHC-4007

#### NITROGEN

12-3100-1000 18-4201-1010  
12-3103-6011 18-4303-0000  
12-3104-0000 18-4208-0010  
K-1225 K-3706

#### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 K-3337  
12-3104-0000SP

#### AIR CONDITIONING - ATA 21

17A7505-7000  
15-7603-1000 (base model)  
K-2610 -- R

#### ELECTRICAL POWER - ATA 24

112X050X00  
11-6610-6000

#### FUEL - ATA 28

07-3000-1921

#### HYDRAULIC POWER - ATA 29

54J111EB\_C  
(recommended base model)

#### ICE & RAIN PROTECTION - ATA 30

09-6200-001X

#### LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-17 Main -- R  
Z-1064-13 Nose -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

#### FUSELAGE - ATA 53

04-6001-1100  
04-6005-1100  
04-6029-5111  
04-6150-0120  
K-2012 Gooseneck Boom  
K-2013 Pneumatic Pump  
K-2953 Hand Winch

#### POWER PLANT - ATA 71

08-0144-4000  
08-2034-0010  
K-3618 -- R  
08-4049-0013

### Premier

#### LIFTING & SHORING - ATA 7

02-7813C0100 Axle Main  
02-7856-0100 Main (2)  
02-7856-0100 Nose  
K-3692 -- R  
03-5800C0010 Stabilizing Stand  
K-3864 Stabilizing Stand Alarm Kit  
03A5800C0010 Stabilizing Stand

#### TOWING & TAXIING - ATA 9

01-1202-0000  
01-0543-0000 Head -- R  
01-1286-0000  
01-1954-6000  
JP30 JP30L

#### PARKING & MOORING - ATA 10

99-9028-6000

#### SERVICING - ATA 12

LAVATORY  
10-4036-0010 10-6409-0000  
10-6408-0000  
K-2410 and K-2412 -- R

#### POTABLE WATER

19-4305-0000 19-4306-0000

#### ENGINE OIL

06-5010-6800 06-5042-0800  
06-5022-6800

#### HYDRAULIC FLUID

06-4005-0511 06-5022-6500  
06-4035-0500 06-5042-0500

#### NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

#### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 -- R

#### AIR CONDITIONING - ATA 21

15-7603-1000 (base model)

#### ELECTRICAL POWER - ATA 24

112820CT3 112820C1T3  
112820CST3 11-6610-6000  
112820CS1T3 11-6644C1010

#### FUEL - ATA 28

07-3000-1921

#### HYDRAULIC POWER - ATA 29

52101AA  
(recommended base model)

#### LANDING GEAR - ATA 32

14-6801-0120  
Z-1063-13 Main -- R  
Z-1063-14 Nose -- R  
14-6802-6000 14-6806-6011  
14-6804-6000 14-6807-6011  
14-6805-6010 14-6808-6000

#### FUSELAGE - ATA 53

04-6001-1100 04-6150-0120  
04-6029-5111

#### POWER PLANT - ATA 71

08-0119-8000 08-2220-0000  
08-2021C0000 08-4049-0013  
K-2032 -- R

### Queen Air

#### LIFTING & SHORING - ATA 7

02-0536-0110 Main (2)  
02-0536-0110 Nose

#### TOWING & TAXIING - ATA 9

01-1109-0010  
01-1202-0000  
01-0506-0000 Head -- R  
01-1259-0000  
01-1954-6000  
JP30 JP30L

#### ELECTRICAL POWER - ATA 24

112820CT3 112820CS1T3  
112820CST3 112820C1T3

## Hawker Beechcraft

(continued on the following page)

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**HawkerBeechcraft**(continued)**T-6A Texan II****LIFTING & SHORING - ATA 7**

|              |                   |
|--------------|-------------------|
| 02-7838-0110 | Main (2)          |
| 02-7838-0110 | Tail              |
| 02-7852C0100 | Axle              |
| 03-4006-0000 | Stabilizing Stand |

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1201-0000 |           |
| 01-0595-0000 | Head -- R |
| 01-1273-0000 |           |
| 01-1283-0000 |           |
| JP30         | JP30L     |

**PARKING & MOORING - ATA 10**

99-9008-6000

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 |              |

**HYDRAULIC FLUID**

|              |                 |
|--------------|-----------------|
| 06-4005-0511 | 06-4035-0500-B7 |
| 06-5022-6500 | 06-5042-0500    |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4200-1100 |
| 12-3107-0000 | 18-4208-0010 |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4501-7010 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006 -- R |              |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 112820C1T3   |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 | 11-6644C1010 |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 5D101ZZ                  |  |
| (recommended base model) |  |

**ICE & RAIN PROTECTION - ATA 30**

09-4003-4010

**LANDING GEAR - ATA 32**

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-15    | Main -- R    |
| Z-1063-11    | Nose -- R    |
| 14-6802-6000 | 14-6807-6011 |
| 14-6804-6000 | 14-6808-6000 |
| 14-6806-6011 | 14-6883-0110 |

**FUSELAGE - ATA 53**

|              |              |
|--------------|--------------|
| 04-6027-0110 | 04-6150-0120 |
| 04-6029-5111 |              |

**POWER PLANT - ATA 71**

|              |              |
|--------------|--------------|
| 08-4054-0010 | 08-4053-0013 |
|--------------|--------------|

**U-21 A/G****LIFTING & SHORING - ATA 7**

|              |                   |
|--------------|-------------------|
| 02-0536-0110 | Main (2)          |
| 02-0536-0110 | Nose              |
| 02-7856-0100 | Main (2) Hi-Float |
| 02-7856-0100 | Nose Hi-Float     |
| 03-5804-0010 | Stabilizing Stand |

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1109-0010 |           |
| 01-1202-0000 |           |
| 01-0506-0000 | Head -- R |
| 01-1216-0000 |           |
| 01-0506-0000 | Head -- R |
| 01-1954-6000 |           |
| JP30         | JP30L     |

**ELECTRICAL POWER - ATA 24**

|            |             |
|------------|-------------|
| 112820CT3  | 112820CS1T3 |
| 112820CST3 | 112820C1T3  |

**HondaJet****LIFTING & SHORING - ATA 7**

|              |      |
|--------------|------|
| 02-7924C0100 | Axle |
|--------------|------|

**IAI****Westwind 1 & 2****LIFTING & SHORING - ATA 7**

|              |                             |
|--------------|-----------------------------|
| 02-0544-0110 | Main (2)                    |
| 02-7813C0100 | Axle                        |
| 03-4015-0000 | Stabilizing Stand           |
| K-3864       | Stabilizing Stand Alarm Kit |
| 03A4015-0000 | Stabilizing Stand           |

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1202-0000 |           |
| 01-0559-0000 | Head -- R |
| 01-1262-0000 |           |
| 01-1954-6000 |           |
| JP30         |           |
| JP30L        |           |
| K-4052 -- R  |           |

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****LAVATORY**

|                        |              |
|------------------------|--------------|
| 10-4036-0010           | 10-6409-0000 |
| 10-6408-0000           |              |
| K-2410 and K-2412 -- R |              |

**POTABLE WATER**

|              |              |
|--------------|--------------|
| 19-4305-0000 | 19-4306-0000 |
|--------------|--------------|

**ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 |              |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-3611 | 06-5022-6600 |
| 06-4035-3600 | 06-5042-3600 |

**HYDRAULIC FLUID - Landing Gear**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-4035-0500 |
|--------------|--------------|

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006 -- R |              |

**AIR CONDITIONING - ATA 21**

|              |              |
|--------------|--------------|
| 15-7603-1000 | (base model) |
| K-2418 -- R  |              |
| 15-7605-6000 |              |
| K-2418 -- R  |              |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 11_6650-1000 |
| 112820CST3  | 11_6650-1010 |
| 112820CS1T3 | 11C6652-1010 |
| 112820C1T3  | 11C6658-1000 |
|             | 11_6663C1010 |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |        |
|--------------------------|--------|
| 13-6603-6000             | 2 ONLY |
| 51301AP                  |        |
| (recommended base model) |        |

**LANDING GEAR - ATA 32**

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-13    | Main -- R    |
| Z-1063-11    | Nose -- R    |
| 14-6802-6000 | 14-6807-6011 |
| 14-6804-6000 | 14-6808-6000 |
| 14-6805-6010 | 14-6883-0110 |
| 14-6806-6011 |              |

**FUSELAGE - ATA 53**

|              |                 |
|--------------|-----------------|
| 04-6028-0121 |                 |
| K-3057       | Crane Hook -- R |
| 04-6029-5111 |                 |
| 04-6150-0120 |                 |

**POWER PLANT - ATA 71**

|              |              |
|--------------|--------------|
| 08-0102-4010 | 08-2034-0000 |
| 08-2021C0000 | K-2770 -- R  |
| K-1795 -- R  | 08-4049-0013 |

**KAI****KT-1****ELECTRICAL POWER - ATA 24**

112850S0100

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 5420BE                   |  |
| (recommended base model) |  |

**KUH****TOWING & TAXIING - ATA 9**

01-1342-0000

**Lockheed****A-10****AIR CONDITIONING - ATA 21**

15-7609-6000

**C-130****LIFTING & SHORING - ATA 7**

02-7830-0110 Axle

**TOWING & TAXIING - ATA 9**

01-1224-0010

**PARKING & MOORING - ATA 10**

0061BN1 99-9028-6000

**SERVICING - ATA 12****LAVATORY**

10-4036-0001

**ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5025-1512 | 06-5032-8810 |
|--------------|--------------|

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4035-3600 | 06-5042-0500 |
| 06-5021-1500 |              |

**HYDRAULIC RESERVOIR FLUID**

06-5022-6500-a7

**NITROGEN**

12-3103-6011

**OXYGEN**

20-4505-7000

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000

**FUEL - ATA 28**

|                 |  |
|-----------------|--|
| 07-3000-1921-A3 |  |
| 07-3006-6900    |  |

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 56201CH                  |  |
| (recommended base model) |  |

**LANDING GEAR - ATA 32**

|              |              |
|--------------|--------------|
| 14-6802-6000 | 14-6833-6030 |
| 14-6805-6010 | 14-6895-6000 |
| 14-6806-6011 | 14-6883-0110 |
| 14-6807-6011 | 14-6907-9710 |

**FUSELAGE - ATA 53**

|              |              |
|--------------|--------------|
| 04-6030-5111 | 04-6152-0120 |
| 04-6029-5111 |              |

**POWER PLANT - ATA 71**

08-4049-0013

**Jetstar C-140****LIFTING & SHORING - ATA 7**

|              |          |
|--------------|----------|
| 02-1036-0111 | Main (2) |
| 02-1036-0111 | Nose     |
| 02-7813C0100 | Axle     |

**TOWING & TAXIING - ATA 9**01-1182-0010  
JP75**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006 -- R |              |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 112820C1T3   |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 |              |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 52101AB                  |  |
| (recommended base model) |  |

**LANDING GEAR - ATA 32**

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-17    | Main -- R    |
| Z-1064-13    | Nose -- R    |
| 14-6802-6000 | 14-6807-6011 |
| 14-6804-6000 | 14-6808-6000 |
| 14-6805-6010 | 14-6883-0110 |
| 14-6806-6011 |              |

**FUSELAGE - ATA 53**

|              |                 |
|--------------|-----------------|
| 04-6028-0121 |                 |
| K-3057       | Crane Hook -- R |
| Z-4082       | Lift Tray -- R  |
| 04-6029-5111 |                 |
| 04-6150-0120 |                 |

**POWER PLANT - ATA 71**

|              |              |
|--------------|--------------|
| 08-0102-4010 | 08-2034-0000 |
| 08-2021C0000 | K-2770 -- R  |
| K-1795 -- R  | 08-4049-0013 |

**F-16****TOWING & TAXIING - ATA 9**01-1208-9011  
01-1287-9000**AIR CONDITIONING - ATA 21**

15-7609-6000

**L-1011****TOWING & TAXIING - ATA 9**

01-1207-0010

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 58301FJ                  |  |
| (recommended base model) |  |

**Joint Strike Fighter****TOWING & TAXIING - ATA 9**

01-1314-0000

**ELECTRICAL POWER - ATA 24**

|              |  |
|--------------|--|
| 11B6663C1010 |  |
| 11C6663C1010 |  |

## Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

## McDonnell Douglas

## DC-8 Series 60, DC-10, MD-11

## TOWING &amp; TAXIING - ATA 9

01-1207-0010 (DC-10, MD11)

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

## LAVATORY

10-6401-0010 10-6411-0000  
K-2029 and K-2410 -- R

## POTABLE WATER

19-4301-0000 19-4303-0000

## ENGINE OIL

## DC-8 Series 60

06-5022-6800 06-5042-0800  
06-5024-3800  
KHC-2173 CSD Fill -- R

## DC-10, MD-11

06-5010-6800 06-5024-3800  
06-5022-6800 06-5042-0800  
KHC-2173 CSD Fill -- R  
KHC-2258 CSD Overflow -- R

## HYDRAULIC FLUID

06-4005-3611 06-5042-3600  
06-4035-3600 06-5043-3600  
06-5022-6600  
KHC-2259 Reservoir -- R (DC-8)

## NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

## OXYGEN

## DC-8 Series 60

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000

## DC-10, MD-11

12-3104-0000 20-4504-7000  
20-4500-7000 20-4505-7000  
20-4502-6000  
PC-1006 or PC-1009 -- R

## ELECTRICAL POWER - ATA 24

11-6610-6000

## FUEL - ATA 28

07-3000-1921

## HYDRAULIC POWER - ATA 29

## DC-8 Series 60

56301BC  
(recommended base model)

## DC-10, MD-11

58300BJ  
(recommended base model)

## LANDING GEAR - ATA 32

14-6802-6000 14-6830-6012  
14-6804-6000 14-6878-0110  
14-6805-6010 14-6883-0110  
14-6806-6011 K-2965  
14-6808-6000

## FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

## DC-9 Series 10, 20, 30, 33

## LIFTING &amp; SHORING - ATA 7

## DC-9 Series 10, 20, 30

02-1032-0111 Forward  
02-1040-0111 Aft  
02-1256-0111 Aft  
02-7803-0111 Main (2)

## DC-9 Series 33

02-1032-0111 Forward  
02-1256-0111 Aft  
02-7803-0111 Main (2)  
02-7844-0111 Aft

## TOWING &amp; TAXIING - ATA 9

01-1166-0010  
01-1267-0000  
01-1322-0000  
01-0606-0000 Head -- R

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

## LAVATORY

10-6401-0010 10-6411-0000  
K-2029 and K-2410 -- R

## POTABLE WATER

19-4301-0000 19-4303-0000

## ENGINE OIL

06-5022-6800 06-5042-0800  
06-5024-3800  
KHC-2173 CSD Fill -- R  
KHC-2258 CSD Overflow -- R

## HYDRAULIC FLUID

06-4005-3611 06-5042-3600  
06-4035-3600 06-5043-3600  
06-5022-6600  
KHC-1009 Reservoir -- R

## NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

## OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

## ELECTRICAL POWER - ATA 24

11-6610-6000

## FUEL - ATA 28

07-3000-1921

## HYDRAULIC POWER - ATA 29

54301BC (series with 2 couplings)  
54301BB (series with 1 coupling)  
(recommended base model)

## LANDING GEAR - ATA 32

14-6802-6000 14-6830-6012  
14-6804-6000 14-6878-0110  
14-6805-6010 14-6883-0110  
14-6806-6011 K-2965 -- R  
14-6808-6000

## FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

## DC-9 Series 40, 50, MD-80

## LIFTING &amp; SHORING - ATA 7

02A1032-0111 Forward  
02A7844-0111 Aft  
02A7850-0100 Main (2)  
K-1106-A2 -- R

## TOWING &amp; TAXIING - ATA 9

01-1322-0000  
01-0606-0000 Head -- R

## DC-9/50 &amp; MD-80

01-1166-0010  
01-1267-0000

## PARKING &amp; MOORING - ATA 10

99-9028-6000

## SERVICING - ATA 12

## LAVATORY

10-6401-0010 10-6411-0000  
K-2029 and K-2410 -- R

## POTABLE WATER

19-4301-0000 19-4303-0000

## ENGINE OIL

## DC-9 Series 40, 50

06-5022-6800 06-5042-0800  
06-5043-1800  
KHC-2173 CSD Fill -- R  
KHC-2258 CSD Overflow -- R

## MD-80

06-5010-6800 06-5042-0800  
06-5022-6800  
KHC-2173 CSD Fill -- R  
KHC-2258 CSD Overflow -- R

## HYDRAULIC FLUID

06-4005-3611 06-5042-3600  
06-4035-3600 06-5043-3600  
06-5022-6600  
KHC-1009 Reservoir -- R

## NITROGEN

18-4303-0000 18-4208-0010  
18-4201-1010

## OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 or PC-1009 -- R

## ELECTRICAL POWER - ATA 24

11-6610-6000

## FUEL - ATA 28

07-3000-1921

## HYDRAULIC POWER - ATA 29

54301BC (series with 2 couplings)  
54301BB (series with 1 coupling)  
(recommended base model)

## LANDING GEAR - ATA 32

## DC-9 Series 40, 50

14-6802-6000 14-6830-6012  
14-6804-6000 14-6878-0110  
14-6805-6010 14-6883-0110  
14-6806-6011 K-2965 -- R  
14-6808-6000

## MD-80

14-6802-6000 14-6808-6000  
14-6804-6000 14-6830-6012  
14-6805-6010 14-6878-0100  
14-6806-6011 14-6883-0110  
14-6807-6011

## FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

## Mitsubishi

## MU-2 Marquise, MU-2 Solitaire

## LIFTING &amp; SHORING - ATA 7

02-0222-0111 Nose (1)  
02-0566-0110 Main (2)

## TOWING &amp; TAXIING - ATA 9

01-1202-0000  
01-0508-0000 Head -- R  
01-1954-6000  
JP30 JP30L

## AIR CONDITIONING - ATA 21

15-7605-6000  
K-1660 -- R

## ELECTRICAL POWER - ATA 24

112820CT3 112820CS1T3  
112820CST3 112820C1T3

## Mooney

## All

## LIFTING &amp; SHORING - ATA 7

02-0222-0111 Main (2)

## TOWING &amp; TAXIING - ATA 9

01-1112-0010  
JP30 JP30L

## ELECTRICAL POWER - ATA 24

112820CT3 112820CS1T3  
112820CST3 112820C1T3

## Nihon

## YS-11

## LIFTING &amp; SHORING - ATA 7

02-1256-0111 Main (2)  
02-1256-0111 Nose (1)

## TOWING &amp; TAXIING - ATA 9

01-1201-0010  
01-0548-0000 Head -- R  
01-1954-6000  
JP75

## ELECTRICAL POWER - ATA 24

112820CT3 112820CS1T3  
112820CST3 112820C1T3

## HYDRAULIC POWER - ATA 29

52101AA  
(recommended base model)

## Nomad

## Nomad

## LIFTING &amp; SHORING - ATA 7

02-0522-0140 Main (2)  
02-0522-0140 Nose (1)

## TOWING &amp; TAXIING - ATA 9

01-1201-0010  
01-0529-0000 Head -- R  
01-1954-6000

## ELECTRICAL POWER - ATA 24

112820CT3 112820CS1T3  
112820CST3 112820C1T3

## Northrop

## Firebird

## LIFTING &amp; SHORING - ATA 7

02-7928C0100

## TOWING &amp; TAXIING - ATA 9

01-2008-0000

## T-38

## TOWING &amp; TAXIING - ATA 9

01-1202-0000  
01-0539-0000 Head -- R  
01-1954-6000  
JP30 JP30L

## ELECTRICAL POWER - ATA 24

112820CT3 112820CS1T3  
112820CST3 112820C1T3

## HYDRAULIC POWER - ATA 29

54101ZZ  
(recommended base model)



The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**Piaggio****P-180 Avanti****LIFTING & SHORING - ATA 7**

|              |           |
|--------------|-----------|
| 02-0517-0140 | Nose (1)  |
| 02-7812-0110 | Main (2)  |
| 02-7863C0100 | Axle      |
| K-1106       |           |
| 03-5813-0000 | Tailstand |

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1202-0000 |           |
| 01-0570-0010 | Head -- R |
| 01-1222-0000 |           |
| 01-1954-6000 |           |
| 01-2006-0000 |           |
| JP30         |           |
| JP30L        |           |

**PARKING & MOORING - ATA 10**

|                 |  |
|-----------------|--|
| 99-9016-6000-A1 |  |
|-----------------|--|

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4200-1100 | 18-4303-0000 |
| K-1225       | 12-3100-1000 |
| 18-4208-0010 | K-3706       |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006      | K-3337       |
| 12-3100-1000 |              |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 112850       |
| 112820CST3  | 112860       |
| 112820CS1T3 | 11-6610-6000 |
| 112820C1T3  |              |

**FUEL - ATA 28**

|              |  |
|--------------|--|
| 07-3000-1921 |  |
|--------------|--|

**ICE & RAIN PROTECTION - ATA 30**

|              |  |
|--------------|--|
| 09-6200-0010 |  |
|--------------|--|

**LANDING GEAR - ATA 32**

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-08    | Main -- R    |
| Z-1063-13    | Nose -- R    |
| 14-6802-6000 | 14-6807-6011 |
| 14-6804-6000 | 14-6808-6000 |
| 14-6805-6010 | 14-6830-6012 |
| 14-6806-6011 | 14-6883-0110 |

**FUSELAGE - ATA 53**

|              |                 |
|--------------|-----------------|
| 04-6028-0121 |                 |
| K-3057       | Crane Hook -- R |
| Z-4082       | Lift Tray -- R  |
| 04-6029-5111 |                 |
| 04-6150-0120 |                 |
| 04-6152-0120 |                 |
| K-2013       |                 |
| K-2953       |                 |
| K-2010       |                 |
| 04-6014-0010 |                 |

**POWER PLANT - ATA 71**

|              |      |
|--------------|------|
| 08T4049-0013 |      |
| K-1152       | -- R |

**Pilatus****PC-12****LIFTING & SHORING - ATA 7**

|              |                   |
|--------------|-------------------|
| 02-7838-0110 | Main (2)          |
| 02-7838-0110 | Tail              |
| 02-7852C0100 | Axle              |
| 03-4006-0000 | Stabilizing Stand |

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1201-0000 |           |
| 01-0595-0000 | Head -- R |
| 01-1273-0000 |           |
| 01-1283-0000 |           |
| JP30         | JP30L     |

**PARKING & MOORING - ATA 10**

|              |  |
|--------------|--|
| 99-9008-6000 |  |
|--------------|--|

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 |              |

**HYDRAULIC FLUID**

|              |                 |
|--------------|-----------------|
| 06-4005-0511 | 06-4035-0500-B7 |
| 06-5022-6500 | 06-5042-0500    |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4200-1100 |
| 12-3107-0000 | 18-4208-0010 |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4501-7010 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006      | -- R         |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 112820C1T3   |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 | 11-6644C1010 |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 5D101ZZ                  |  |
| (recommended base model) |  |

**ICE & RAIN PROTECTION - ATA 30**

|              |  |
|--------------|--|
| 09-4003-4010 |  |
|--------------|--|

**LANDING GEAR - ATA 32**

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-15    | Main -- R    |
| Z-1063-11    | Nose -- R    |
| 14-6802-6000 | 14-6807-6011 |
| 14-6804-6000 | 14-6808-6000 |
| 14-6806-6011 | 14-6883-0110 |

**FUSELAGE - ATA 53**

|              |              |
|--------------|--------------|
| 04-6027-0110 | 04-6150-0120 |
| 04-6029-5111 |              |

**POWER PLANT - ATA 71**

|              |              |
|--------------|--------------|
| 08-4054-0010 | 08-4053-0013 |
|--------------|--------------|

**PC-12****LIFTING & SHORING - ATA 7**

|              |          |
|--------------|----------|
| 02-0526-0110 | Main (2) |
| K-3582       | -- R     |
| 02-0544-0110 | Tail (1) |
| 02-7853C0100 | Axle     |

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1202-0000 |           |
| 01-0573-0012 | Head -- R |
| 01-1254-0000 |           |
| 01-1954-6000 |           |
| JP30         |           |
| K-4054       | -- R      |
| JP30L        |           |

**PARKING & MOORING - ATA 10**

|              |  |
|--------------|--|
| 99-9028-6000 |  |
|--------------|--|

**SERVICING - ATA 12****ENGINE OIL**

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

**HYDRAULIC FLUID**

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

**NITROGEN**

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

**OXYGEN**

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1009      | -- R         |

**AIR CONDITIONING - ATA 21**

|              |              |
|--------------|--------------|
| 15-7603-1000 | (base model) |
| K-2453       | -- R         |
| 15-7605-6000 |              |
| K-2453       |              |

**ELECTRICAL POWER - ATA 24**

|             |              |
|-------------|--------------|
| 112820CT3   | 112820C1T3   |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 | 11-6644C1010 |

**FUEL - ATA 28**

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 51101AB                  |  |
| (recommended base model) |  |

**ICE & RAIN PROTECTION - ATA 30**

|              |  |
|--------------|--|
| 09-6200-0010 |  |
|--------------|--|

**LANDING GEAR - ATA 32**

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-09    | Nose -- R    |
| Z-1063-13    | Main -- R    |
| 14-6802-6000 | 14-6807-6011 |
| 14-6804-6000 | 14-6808-6000 |
| 14-6805-6010 | 14-6833-6030 |
| 14-6806-6011 |              |

**FUSELAGE - ATA 53**

|              |                 |
|--------------|-----------------|
| 04-6028-0121 |                 |
| K-3057       | Crane Hook -- R |
| Z-4082       | Lift Tray -- R  |
| 04-6150-0120 |                 |

**POWER PLANT - ATA 71**

|              |  |
|--------------|--|
| 08-4048-0013 |  |
|--------------|--|

**Piper****Aztec, Cherokee, Comanche, Seneca****LIFTING & SHORING - ATA 7**

|              |                   |
|--------------|-------------------|
| 02-0222-0000 | Main (2)          |
| 03-4006-0000 | Stabilizing Stand |

**TOWING & TAXIING - ATA 9**

|              |       |
|--------------|-------|
| 01-1233-0010 |       |
| JP30         | JP30L |

**ELECTRICAL POWER - ATA 24****Aztec & Seneca Only**

|            |             |
|------------|-------------|
| 112820CT3  | 112820CS1T3 |
| 112820CST3 | 112820C1T3  |

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 50101AR                  |  |
| (recommended base model) |  |

**Aerostar, Chieftan,****Cheyenne II, III, Navajo****LIFTING & SHORING - ATA 7****Aerostar, Chieftan, Navajo**

|              |                   |
|--------------|-------------------|
| 02-0234-0111 | Main (2)          |
| 03-4006-0000 | Stabilizing Stand |

**Cheyenne II, III**

|              |                   |
|--------------|-------------------|
| 02-0536-0110 | Main (2)          |
| 02-0536-0110 | Nose (III ONLY)   |
| 03-4006-0000 | Stabilizing Stand |

**TOWING & TAXIING - ATA 9**

|              |           |
|--------------|-----------|
| 01-1112-0010 |           |
| 01-1202-0000 |           |
| 01-0511-0000 | Head -- R |
| 01-1954-6000 |           |
| JP30         | JP30L     |

**AIR CONDITIONING - ATA 21**

|              |      |
|--------------|------|
| 15-7605-6000 |      |
| K-1381       | -- R |

**Cheyenne II, III**

|              |             |
|--------------|-------------|
| 15-7603-1000 | (basemodel) |
| K-1381       | -- R        |

**ELECTRICAL POWER - ATA 24**

|            |             |
|------------|-------------|
| 112820CT3  | 112820CS1T3 |
| 112820CST3 | 112820C1T3  |

**HYDRAULIC POWER - ATA 29**

|                          |  |
|--------------------------|--|
| 50101AR                  |  |
| (recommended base model) |  |

## Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

## Saab

340

## LIFTING &amp; SHORING - ATA 7

|              |                             |
|--------------|-----------------------------|
| 02-0540-0110 | Nose                        |
| 02-1248-0112 | Main (2)                    |
| 02-7813C0100 | Axle                        |
| 03-5805-0000 | Tailstand                   |
| K-3864       | Stabilizing Stand Alarm Kit |
| 03-5805-0000 | Tailstand                   |

## TOWING &amp; TAXIING - ATA 9

|              |           |
|--------------|-----------|
| 01-1201-0010 |           |
| 01-0545-0011 | Head -- R |
| 01-1290-0100 |           |
| 01-1954-6000 |           |
| JP30         |           |
| JP30L        |           |

## PARKING &amp; MOORING - ATA 10

|              |  |
|--------------|--|
| 99-9010-6000 |  |
|--------------|--|

## SERVICING - ATA 12

## LAVATORY

|                   |              |
|-------------------|--------------|
| 10-4036-0010      | 10-6409-0000 |
| 10-6408-0000      |              |
| K-2029 and K-2410 | -- R         |

## POTABLE WATER

|              |              |
|--------------|--------------|
| 19-4305-0000 | 19-4306-0000 |
|--------------|--------------|

## ENGINE OIL

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

## HYDRAULIC FLUID

|              |                |
|--------------|----------------|
| 06-4005-0511 | 06-5022-6500   |
| 06-4035-0500 | 06-5042-0500   |
| KHC-1046     | Reservoir -- R |

## NITROGEN

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

## OXYGEN

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4505-7000 |
| 20-4504-7000 |              |
| PC-1006      | -- R         |

## AIR CONDITIONING - ATA 21

|              |              |
|--------------|--------------|
| 15-7603-1000 | (base model) |
|--------------|--------------|

## ELECTRICAL POWER - ATA 24

|             |            |
|-------------|------------|
| 112820CT3   | 112820C1T3 |
| 112820CST3  | 112850     |
| 112820CS1T3 | 112860     |

## FUEL - ATA 28

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

## ICE &amp; RAIN PROTECTION - ATA 30

|              |  |
|--------------|--|
| 09-6200-0010 |  |
|--------------|--|

## LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-13    | Main -- R    |
| Z-1063-09    | Nose -- R    |
| 14-6802-6000 | 14-6807-6011 |
| 14-6804-6000 | 14-6808-6000 |
| 14-6805-6010 | 14-6883-0110 |
| 14-6806-6011 |              |

## FUSELAGE - ATA 53

|              |                 |
|--------------|-----------------|
| 04-6001-1100 |                 |
| 04-6028-0121 |                 |
| K-3057       | Crane Hook -- R |
| Z-4082       | Lift Tray -- R  |
| 04-6029-5111 |                 |
| 04-6150-0120 |                 |

## POWER PLANT - ATA 71

|              |              |
|--------------|--------------|
| 08-0106-4000 | 08-0134-0000 |
| 08-0108-4000 | 08-4048-0013 |

2000

## LIFTING &amp; SHORING - ATA 7

|              |          |
|--------------|----------|
| 02-0540-0110 | Nose     |
| 02-1248-0112 | Main (2) |
| 02-7813C0100 | Axle     |

## TOWING &amp; TAXIING - ATA 9

|              |           |
|--------------|-----------|
| 01-1201-0010 |           |
| 01-0545-0011 | Head -- R |
| 01-1290-0100 |           |
| 01-1954-6000 |           |
| JP75         |           |

## PARKING &amp; MOORING - ATA 10

|              |  |
|--------------|--|
| 99-9010-6000 |  |
|--------------|--|

## SERVICING - ATA 12

## LAVATORY

|                   |              |
|-------------------|--------------|
| 10-4036-0010      | 10-6409-0000 |
| 10-6408-0000      |              |
| K-2029 and K-2410 | -- R         |

## POTABLE WATER

|              |              |
|--------------|--------------|
| 19-4305-0000 | 19-4306-0000 |
|--------------|--------------|

## ENGINE OIL

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

## HYDRAULIC FLUID

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

## NITROGEN

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4201-1010 |              |

## OXYGEN

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| K-2717       | -- R         |

## AIR CONDITIONING - ATA 21

|              |              |
|--------------|--------------|
| 15-7520-0000 |              |
| 15-7603-1000 | (base model) |

## ELECTRICAL POWER - ATA 24

|              |              |
|--------------|--------------|
| 112820CT3    | 11-6644C1010 |
| 11-6610-6000 |              |

## FUEL - ATA 28

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

## HYDRAULIC POWER - ATA 29

|                          |  |
|--------------------------|--|
| 54101GP_C                |  |
| (recommended base model) |  |

## ICE &amp; RAIN PROTECTION - ATA 30

|              |  |
|--------------|--|
| 09-6200-0010 |  |
|--------------|--|

## LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-13    | Main -- R    |
| Z-1063-09    | Nose -- R    |
| 14-6802-6000 | 14-6807-6011 |
| 14-6804-6000 | 14-6808-6000 |
| 14-6805-6010 | 14-6883-0110 |
| 14-6806-6011 |              |

## FUSELAGE - ATA 53

|              |                 |
|--------------|-----------------|
| 04-6001-1100 |                 |
| 04-6028-0121 |                 |
| K-3057       | Crane Hook -- R |
| Z-4082       | Lift Tray -- R  |
| 04-6029-5111 |                 |
| 04-6150-0120 |                 |

## POWER PLANT - ATA 71

|              |  |
|--------------|--|
| 08-4048-0013 |  |
|--------------|--|

## Saberliner

40, 60, 70

## LIFTING &amp; SHORING - ATA 7

|              |                   |
|--------------|-------------------|
| 02-7813C0100 | Axle              |
| 02-7856-0100 | Main (2)          |
| 02-7856-0100 | Tail (Nose on 60) |

## TOWING &amp; TAXIING - ATA 9

|              |           |
|--------------|-----------|
| 01-1202-0000 |           |
| 01-0503-0000 | Head -- R |
| 01-1954-6000 |           |
| JP30         |           |
| K-4177       | -- R      |
| JP30L        |           |
| K-4177       | -- R      |

## PARKING &amp; MOORING - ATA 10

|              |  |
|--------------|--|
| 99-9028-6000 |  |
|--------------|--|

## SERVICING - ATA 12

## ENGINE OIL

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

## HYDRAULIC FLUID

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

## NITROGEN

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

## OXYGEN

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |
| PC-1006      | -- R         |

## AIR CONDITIONING - ATA 21

|              |               |
|--------------|---------------|
| 15-7603-1000 | (base model)  |
| K-2403       | Sabre 65 -- R |

## ELECTRICAL POWER - ATA 24

|             |              |
|-------------|--------------|
| 112820CT3   | 112820C1T3   |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 | 11-6644C1010 |

## FUEL - ATA 28

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

## HYDRAULIC POWER - ATA 29

|                          |  |
|--------------------------|--|
| 51101AB                  |  |
| (recommended base model) |  |

## ICE &amp; RAIN PROTECTION - ATA 30

|              |  |
|--------------|--|
| 09-6200-0010 |  |
|--------------|--|

## LANDING GEAR - ATA 32

|                         |              |
|-------------------------|--------------|
| 14-6801-0120            |              |
| Z-1063-17               | Main -- R    |
| 22 x 6.6 & 26 x 6.75-14 |              |
| Z-1063-15               | Main -- R    |
| 22 x 5.75-12            |              |
| Z-1064-13               | Nose -- R    |
| 18 x 4.4DT              |              |
| 14-6802-6000            | 14-6807-6011 |
| 14-6804-6000            | 14-6808-6000 |
| 14-6805-6010            | 14-6883-0110 |
| 14-6806-6011            |              |

## FUSELAGE - ATA 53

|              |                 |
|--------------|-----------------|
| 04-6028-0121 |                 |
| K-3057       | Crane Hook -- R |
| Z-4082       | Lift Tray -- R  |
| 04-6029-5111 |                 |
| 04-6152-0120 |                 |

## POWER PLANT - ATA 71

|              |                   |
|--------------|-------------------|
| 08-0100-4000 |                   |
| 08-0102-4010 |                   |
| 08-2001-0000 |                   |
| K-2112       | TFE731-3R-1D -- R |
| K-2113       | CF700-2D2 -- R    |
| 08-2021C0000 |                   |
| K-1795       | TFE731-3R-1D -- R |
| 08-2030-0000 |                   |
| K-2770       | TFE731-3R-1D -- R |
| 08-4048-0013 |                   |

## Shorts

330, 360

## LIFTING &amp; SHORING - ATA 7

|              |          |
|--------------|----------|
| 02-0526-0110 | Nose     |
| 02-7809-0110 | Main (2) |
| 02-7813C0100 | Axle     |

## TOWING &amp; TAXIING - ATA 9

|              |              |
|--------------|--------------|
| 01-1201-0010 |              |
| 01-0518-0010 | Head -- R    |
| 01-0551-0010 | Head w/shear |
| 01-1954-6000 |              |
| JP30         |              |
| JP30L        |              |

## PARKING &amp; MOORING - ATA 10

|              |  |
|--------------|--|
| 99-9010-6000 |  |
|--------------|--|

## SERVICING - ATA 12

## LAVATORY

|              |              |
|--------------|--------------|
| 10D4036-0010 | 10-6409-0000 |
| K-1036       | -- R         |

## POTABLE WATER

|              |              |
|--------------|--------------|
| 19-4305-0000 | 19-4306-0000 |
|--------------|--------------|

## ENGINE OIL

|              |              |
|--------------|--------------|
| 06-5009-6800 | 06-5022-6800 |
| 06-5010-6800 | 06-5042-0800 |

## HYDRAULIC FLUID

|              |              |
|--------------|--------------|
| 06-4005-0511 | 06-5022-6500 |
| 06-4035-0500 | 06-5042-0500 |

## NITROGEN

|              |              |
|--------------|--------------|
| 18-4303-0000 | 18-4208-0010 |
| 18-4200-1100 |              |

## OXYGEN

|              |              |
|--------------|--------------|
| 20-4500-7000 | 20-4504-7000 |
| 20-4502-6000 | 20-4505-7000 |

## ELECTRICAL POWER - ATA 24

|             |              |
|-------------|--------------|
| 112820CT3   | 112820C1T3   |
| 112820CST3  | 11-6610-6000 |
| 112820CS1T3 | 11-6644C1010 |

## FUEL - ATA 28

|              |              |
|--------------|--------------|
| 07-3000-1921 | 07-3006-6900 |
|--------------|--------------|

## HYDRAULIC POWER - ATA 29

|                          |  |
|--------------------------|--|
| 51101ZZ                  |  |
| (recommended base model) |  |

## ICE &amp; RAIN PROTECTION - ATA 30

|              |  |
|--------------|--|
| 09-6200-0010 |  |
|--------------|--|

## LANDING GEAR - ATA 32

|              |              |
|--------------|--------------|
| 14-6801-0120 |              |
| Z-1063-09    | Nose -- R    |
| Z-3072-20    | Main -- R    |
| 14-6802-6000 | 14-6807-6011 |
| 14-6804-6000 | 14-6808-6000 |
| 14-6805-6010 | 14-6883-0110 |
| 14-6806-6011 |              |

## FUSELAGE - ATA 53

|              |                 |
|--------------|-----------------|
| 04-6028-0121 |                 |
| K-3057       | Crane Hook -- R |
| Z-4082       | Lift Tray -- R  |
| 04-6150-0120 |                 |

## POWER PLANT - ATA 71

|              |      |
|--------------|------|
| 08T4049-0013 |      |
| K-1152       | -- R |

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

**Sikorsky****HH-60** *Pave Hawk/Jayhawk,***SH-60** *Seahawk,***UH-60** *Black Hawk***LIFTING & SHORING - ATA 7**

02-7809-0110 Main (2)

02A7809-0110 Main (2)

02A7849-0120 Tail

R-1961 -- R

K-1106

**TOWING & TAXIING - ATA 9**

01-1185-0006

01-1185-0011

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****ENGINE OIL**

06-5009-6800 06-5022-6800

06-5010-6800 06-5042-0800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500

06-4035-0500 06-5042-0500

**HYDRAULIC RESERVOIR FLUID**

06-5022-6500-A7

N-2417-06 -- R

N-2705-06 -- R

**NITROGEN**

18-4303-0000 18-4208-0010

18-4201-1010

**ELECTRICAL POWER - ATA 24**

11-6610-6000 11B6650-1010

11B6650-1000

**FUEL - ATA 28**

07-3000-1921 07-3006-6900

**HYDRAULIC POWER - ATA 29**

52201EA\_C

(recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-4003-4010

**LANDING GEAR - ATA 32**

14-6801-0120

Z-1063-14 Main -- R

Z-1063-08 Tail -- R

14-6802-6000 14-6807-6011

14-6804-6000 14-6808-6000

14-6805-6010 14-6883-0110

14-6806-6011

**FUSELAGE - ATA 53**

04-6029-5111 04-6150-0120

**POWER PLANT - ATA 71**

08-4049-0013

**S-61****TOWING & TAXIING - ATA 9**

01-1185-0006

01-1185-0011

**HYDRAULIC POWER - ATA 29**

52101EB\_C

(recommended base model)

**S-65** (CH53, HH53, MH53,**Sea Stallion)****PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****ENGINE OIL**

06-5009-6800 06-5042-0800

06-5022-6800

**HYDRAULIC FLUID**

06-4005-0511 06-5021-1500

06-4035-0500 06-5022-6500

**NITROGEN**

18-4201-1010 18-4208-0010

**OXYGEN**

20-4500-7000 20-4504-7000

20-4502-6000 20-4505-7000

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000

112820CST3 11-6644C1010

112820CS1T3 11-6602-1000

112820C1T3 92-0552-9000

**FUEL - ATA 28**

07-3000-1921 07-3001-4900

**HYDRAULIC POWER - ATA 29**

52101EB\_C

(recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-4003-4010

**LANDING GEAR - ATA 32**

14-6801-0120

Z-1063-13 -- R

14-6802-6000 14-6807-6011

14-6804-6000 14-6808-6000

14-6805-6010 14-6883-0110

14-6806-6011

**FUSELAGE - ATA 53**

04-6001-1100 04-6152-0120

04-6029-5111

**POWER PLANT - ATA 71**

08-4049-0013

**S-76** (AUH-76)**LIFTING & SHORING - ATA 7**

02-0511-0312 Main (2)

02A7898C0100 Main (2)

02-0511-0312 Nose

02A7898C0100 Nose

K-4220

**TOWING & TAXIING - ATA 9**

01-1127-0000

01-1127-0006

01-1202-0000

01-0516-0000 Head -- R

01-1220-0000

01-1285-0000

01-1954-6000

**PARKING & MOORING - ATA 10**

99-9028-6000

**SERVICING - ATA 12****ENGINE OIL**

06-5009-6800 06-5042-0800

06-5022-6800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500

06-4035-0500 06-5042-0500

**NITROGEN**

18-4303-0000 18-4208-0010

18-4201-1010

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000

112820CST3 11-6644C1010

112820CS1T3 11-6602-1000

112820C1T3 92-0552-9000

**FUEL - ATA 28**

07-3000-1921 07-3005-6900

**HYDRAULIC POWER - ATA 29**

52101EA\_D

(recommended base model)

52101EQ\_D

(recommended base model

with flareless connectors)

**ICE & RAIN PROTECTION - ATA 30**

09-4003-4010

**LANDING GEAR - ATA 32**

14-4039-0010

14-6801-0120

Z-1063-09 Main -- R

Z-1063-08 Tail -- R

14-6802-6000 14-6807-6011

14-6804-6000 14-6808-6000

14-6805-6010 14-6883-0110

14-6806-6011

**FUSELAGE - ATA 53**

04-6028-0121

K-3057 Crane Hook -- R

04-6029-5111

04-6150-0120

**POWER PLANT - ATA 71**

08-0102-4010 08-4048-0013

08-0104-4000 K-1953 -- R

08-2023-0010 K-4464 -- R

K-2108 -- R

**S-92, CH-148, H-92 Superhawk****LIFTING & SHORING - ATA 7**

02-0517-0140 Forward (2)

02-0517-0140 Aft

02-7813C0100 Axle

**TOWING & TAXIING - ATA 9**

01-1202-0000

01-1215-0000 S-92 ONLY

01-0599-0010 Head -- R

01-1325-0100

01-1954-6000

**SERVICING - ATA 12**

06-5056-1D00

**ENGINE OIL**

06-5009-6800 06-5022-6800

06-5010-6800

**HYDRAULIC FLUID**

06-4005-0511 06-5022-6500

06-4035-0500 06-5042-0500

**NITROGEN**

12-3104-0000 18-4201-1010

18-4303-0000 18-4208-0010

**S-92 & H-92 ONLY****HELIUM**

18-4306-0000

**ELECTRICAL POWER - ATA 24**

112820CT3 11-6610-6000

112820CST3 11-6644C1010

112820CS1T3 11-6602-1000

112820C1T3 92-0552-9000

**FUEL - ATA 28**

07-3000-1921 07-3009-6900

07-3013-0900 S92 Only

**HYDRAULIC POWER - ATA 29**

5J411CS\_B\_KQR

(recommended base model)

**ICE & RAIN PROTECTION - ATA 30**

09-4003-4010

**LANDING GEAR - ATA 32**

14-6801-0120

Z-1063-11 -- R

14-6802-6000 14-6806-6011

14-6804-6000 14-6807-6011

14-6805-6010 14-6808-6000

**FUSELAGE - ATA 53**

04-6029-5111 04-6150-0120

**POWER PLANT - ATA 71**

08-4049-0013

K-3979 -- R

# Quick Application Reference

The most current application data can be found at [tronair.com](http://tronair.com)

For detailed model information reference the items page(s) • Bracketed # = quantity • R = required

## Sino Swearingen

### SJ30-2

#### LIFTING & SHORING - ATA 7

02C0524-0110 Main (2)  
02C7856-0100 Nose

#### TOWING & TAXIING - ATA 9

01-1109-0010  
01-1202-0000  
01-0506-0000 Head -- R  
01-1259-0000  
01-1954-6000  
JP30  
JP30L

#### PARKING & MOORING - ATA 10

99-9028-6000

#### SERVICING - ATA 12

##### ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800

##### HYDRAULIC FLUID

06-4005-0800 06-5022-6800  
06-4035-0800 06-5042-0800

##### NITROGEN

18-4303-0000 18-4208-0010  
18-4200-1100

##### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
PC-1006 -- R

#### AIR CONDITIONING - ATA 21

15-7603-1000 (base model)  
K-3317 -- R  
15-7605-6000  
K-3317 -- R

#### ELECTRICAL POWER - ATA 24

112820CT3 11-6610-6000  
112820CST3 11-6644C1010  
112820CS1T3 11-6602-1000  
112820C1T3 92-0552-9000

#### FUEL - ATA 28

07-3000-1921 07-3006-6900

#### HYDRAULIC POWER - ATA 29

52401AN  
(recommended base model)

#### ICE & RAIN PROTECTION - ATA 30

09-4003-4010 09-6200-0010

#### LANDING GEAR - ATA 32

14-4039-0010  
14-6801-0120  
Z-1063-09 -- R  
14-6802-6000 14-6807-6011  
14-6804-6000 14-6808-6000  
14-6805-6010 14-6883-0110  
14-6806-6011

#### FUSELAGE - ATA 53

04-6028-0121  
K-3057 Crane Hook -- R  
Z-4082 Lift Tray -- R  
04-6029-5111  
04-6152-0120

#### POWER PLANT - ATA 71

08-0119-8000 08-2220-0000  
08-2021-0000 08-4048-0013  
K-2032 -- R

## Sukhoi

### SJ100

#### LIFTING & SHORING - ATA 7

02A7889C0100 Main (2)  
02A7890C0100 Nose  
02-8126C0100 Axle  
K-1106

#### TOWING & TAXIING - ATA 9

01A1326-0100  
JP100S

#### SERVICING - ATA 12

##### LAVATORY

10-6401-0010 10-6409-0000  
10-6402-0010 10-6410-0000  
10-6411-0000  
K-2410 and K-2922 -- R

##### POTABLE WATER

19-4301-0000 19-4306-0000  
19-4305-0000 19-4311-0000  
K-2411

##### ENGINE OIL

06-5009-6800 06-5022-6800  
06-5010-6800 06-5042-0800

##### HYDRAULIC FLUID

##### Phosphate Ester

06-4005-3611 06-5022-6600  
06-4035-3600 06-5041-3610  
06-5004-3600 06-5042-3600  
KHC-3558 Reservoir

##### Mineral - for Struts

06-4035-0500 06-5022-6500  
KHC-4003

##### NITROGEN

18-4200-1100 18-4208-0010  
18-4303-0000 12-3104-0000  
K-1225 K-3706  
K-3706 PC-1107

##### OXYGEN

20-4500-7000 20-4504-7000  
20-4502-6000 20-4505-7000  
12-3104-0000  
PC-1006 PC-1124  
PC-1009

#### ELECTRICAL POWER - ATA 24

11-6610-6000  
11\_6650-1010  
11\_6652-1010

#### FUEL - ATA 28

07-3000-1921 07-3007-6900

#### HYDRAULIC POWER - ATA 29

5731KG  
(recommended base model)  
13-6604-6600 13-6605-6000

#### LANDING GEAR - ATA 32

14-6804-6000 14-6808-6000  
14-6805-6010 14-6878-0110  
14-6806-6011 14-6883-0110  
14-6807-6011 K-3127

#### FUSELAGE - ATA 53

04-6028-0121 04-6029-5111  
04-6152-0120  
K-2012  
K-2013  
K-2953



## TRIPOD JACK EXTENSIONS

### Standard Features:

These tripods provide additional heights for our 5-ton single stage tripod jacks.

- Tubular steel tripod weldment
- Expand your jack extended height
- Bolts securely to the jack for stability
- Finish: Durable Powder Coat Tronair Blue



03-5833-0000

### Specifications:

| Model Number       | Height<br>in (cm) | Jack           | Model Number       | Height<br>in (cm) | Jack           |
|--------------------|-------------------|----------------|--------------------|-------------------|----------------|
| 03-4026-0040 ..... | 40 (101.6).....   | * 02-0526-0110 | 03-5835-0000 ..... | 12 (30.5).....    | * 02-0532-0110 |
| 03-5832-0000 ..... | 12 (30.5).....    | * 02-0526-0110 | 03-5836-0000 ..... | 14 (35.6).....    | 02-7856-0100   |
| 03-5833-0000 ..... | 18 (45.7).....    | * 02-0526-0110 | 03-5837-0000 ..... | 34 (86.4).....    | * 02-0532-0110 |
| 03-5834-0000 ..... | 18 (45.7).....    | * 02-0536-0110 | 03-5838-0000 ..... | 36 (91.4).....    | 02-7856-0100   |

\* For other jacks contact the Sales Department for further details

## TRIPOD JACK PAD ADAPTORS

Tronair jacks are equipped with a cupped jack Adaptor to interface with most aircraft jack pads. Aircraft requiring a special jack pad are listed below.

| Manufacturer/Aircraft |                                                     | Part Number     | Quantity Required |
|-----------------------|-----------------------------------------------------|-----------------|-------------------|
| <b>Agusta</b>         | A-109 (Main All).....                               | R-1187-01 ..... | 2                 |
|                       | A-109 (Nose All).....                               | R-1187-02 ..... | 1                 |
| <b>ATR</b>            | 42/72 (Nose) .....                                  | R-1239 .....    | 2                 |
| <b>Bombardier</b>     | deHavilland Buffalo (Tail).....                     | Z-3626 .....    | 1                 |
|                       | deHavilland Dash-8 100, 200, 300 (Main & Nose)..... | R-1117 .....    | 3                 |
|                       | deHavilland Dash-8 400 (Main).....                  | R-1988 .....    | 2                 |
|                       | deHavilland Dash-8 400 (Nose) .....                 | R-1117 .....    | 1                 |
| <b>Cessna</b>         | Citation Excel, CJ4, 525 & 525A (Main) .....        | R-1798 .....    | 2                 |
|                       | Citation Excel, CJ4, 525 & 525A (Nose) .....        | R-2008 .....    | 1                 |
|                       | Citation III, VI, VII (Main) .....                  | R-1276 .....    | 2                 |
|                       | Citation X (Main) .....                             | R-1807 .....    | 2                 |
|                       | Citation X (Nose).....                              | R-1808 .....    | 1                 |
| <b>Embraer</b>        | EMB 120 (Main) .....                                | R-1276 .....    | 2                 |
| <b>Fokker</b>         | F-27 (Nose).....                                    | R-1474 .....    | 1                 |
| <b>Pilatus</b>        | PC6 (Main & Nose) .....                             | K-3583 .....    | 1                 |
|                       | PC12 (2 Main & 1 Tail) .....                        | K-3582 .....    | 1                 |
|                       | Turbo Islander (Main).....                          | R-1034 .....    | 2                 |
| <b>Raytheon</b>       | BeechJet/Diamond (Main & Nose).....                 | HJ-557 .....    | 3                 |
|                       | Premier (Nose).....                                 | K-3692 .....    | 1                 |
| <b>Sikorsky</b>       | Seahawk, Jayhawk, Blackhawk (Tail) .....            | R-1961 .....    | 1                 |

## HAND WHEEL SAFETY NUT

### Standard Features:

- Designed for speed and locking of tripod jacks
- Ensures safe operation of tripod jacks
- Cast handle completely surrounds the pinch point
- Outside Diameter:

|                              |                                   |
|------------------------------|-----------------------------------|
| H-2331, H-2334 & H-2335..... | 8 in (20.3 cm)                    |
| K-3218 .....                 | 10 in (25.4 cm) & 12 in (30.5 cm) |
| K-3236 .....                 | 8 in (20.3 cm) & 10 in (25.4 cm)  |



| SAFETY NUT - One nut per jack                  | SAFETY NUT KITS - One kit per jack<br>(kit includes a second stage safety nut) |
|------------------------------------------------|--------------------------------------------------------------------------------|
| <b>H-2331</b> - 10 & 12 Ton Single Stage Jacks | <b>K-3218</b> - 18, 25 & 30 Ton Single Stage Jacks                             |
| <b>H-2334</b> - 5 Ton Single Stage Jack        | <b>K-3236</b> - 10 & 12 Ton Two Stage Jacks                                    |
| <b>H-2335</b> - 5 Ton Two Stage Jack           |                                                                                |

## Tripod Jacks



### Standard Features:

- Hand pump with factory preset built-in pressure relief valve
- Air pump on all models with an "A" as the third digit of the model number (e.g. 02A1036-0111)
- Threaded rams with improved hand wheel style safety nut (except on 02-0222-0111 and 02-0234-0111 jacks)
- Quick rising center extension (except on 2, 25 and 30 ton jacks)
- Easy access filler/breather cap
- Spherical radius cup jack pads
- Heavy duty wheels on all jacks where spring loaded casters are not standard
- Hydraulic fluid: MIL-PRF-5606
- Finish: Durable Powder Coat Tronair Blue

### Additional Standard Features By Model Number:

- 1 Floor Jack
- 2 Spring Loaded Casters
- 3 Spring Loaded Casters & Towbar
- 4 Spring Loaded Locking Caster, Adjustable Leveling Feet with Leveling Bubble, Sight Gauge
- 5 Spring Loaded Locking Caster, Adjustable Leveling Feet with Leveling Bubble, Sight Gauge & Towbar
- 6 Spring Loaded Locking Caster, Adjustable Leveling Feet with Leveling Bubble, Towbar, Operator Platform & Ladder
- 7 Load Bearing Casters (see Tool & Equipment List Dash-7, F-27 & ATR 42/72)
- 8 Accessory: 03-5400-000 Leg Extension - increases maximum raised height to 92 in (234 cm)
- 9 Collapsible

### CE Approved Jack:

Insert a "C" as the eighth digit, (e.g. 02-0517C0140)



### Accessories:

- **Air Pump Kit** (field installed) - call factory
- **Air Pump** (factory installed) - insert an "A" as the third digit of the model number (e.g. 02A1036-0111)
- **Air Pump & Spring Loaded Casters** (factory installed) - insert a "B" as the third digit of the model number (e.g. 02B0136-0111)
- **Spring Loaded Casters** (factory installed) - insert a "C" as the third digit of the model number (e.g. 02C1036-0111)  
Not standard on 5 ton jacks
- **K-1106** (field installed) - air pump manifold kit, supplies air from a single source to three tripod jacks via three 25 ft (7.6 m) hoses for operating air pumps
- **K-1317** (field installed) - adds spring loaded casters to all 5 ton single stage jacks; except Model 02-7856-0100 use K-2812; one kit required per jack
- **K-1318** (field installed) - adds spring loaded casters to Model 02-1032-0111; one kit required per jack
- **K-1319** (field installed) - adds spring loaded casters to Model 02-1036-0111
- **K-2812** (field installed) - spring loaded casters for models 02-0517-0140, 02-0522-0140 and 02-7828-0110 (one each per jack)
- **K-4220** (field installed) - air pump manifold kit, supplies air from a single source to four tripod jacks via four 25 ft (7.6 m) hoses for operating air pumps
- **H-2395** (field installed) - jack cover (universal)



02-7866-0100



02-0511-0132



02-7822-0110



02A7898C0100



02-0566-0110

## Additional Standard Features By Model Number:

- 1 Floor Jack
- 2 Spring Loaded Casters
- 3 Spring Loaded Casters & Towbar
- 4 Spring Loaded Locking Caster, Adjustable Leveling Feet with Leveling Bubble, Sight Gauge
- 5 Spring Loaded Locking Caster, Adjustable Leveling Feet with Leveling Bubble, Sight Gauge & Towbar
- 6 Spring Loaded Locking Caster, Adjustable Leveling Feet with Leveling Bubble, Towbar, Operator Platform & Ladder
- 7 Load Bearing Casters (see Tool & Equipment List Dash-7, F-27 & ATR 42/72)
- 8 Accessory: 03-5400-000 Leg Extension - increases maximum raised height to 92 in (234 cm)
- 9 Collapsible

## Specifications:

| Model Number   | Capacity<br>tons | Single (S)<br>Multi (M)<br>Stage | Closed<br>Height<br>in (cm) | Mechanical<br>Extension<br>in (cm) | Hydraulic<br>Extension<br>in (cm) | Fully<br>Extended<br>in (cm) | Weight<br>lb (kg) |
|----------------|------------------|----------------------------------|-----------------------------|------------------------------------|-----------------------------------|------------------------------|-------------------|
| 02-7866-0100   | 400 lbs          | M                                | 27 (69)                     | NA                                 | 29 (74)                           | 55 (140)                     | 470 (213)         |
| 02-0222-0111   | 2                | S                                | 23 (58)                     | 12 (30)                            | 11 (28)                           | 46 (117)                     | 70 (32)           |
| 8 02-0234-0111 | 2                | S                                | 34 (86)                     | 22 (56)                            | 23 (58)                           | 79 (201)                     | 94 (43)           |
| 02-0300-0100   | 2.5              | S                                | 17 (43)                     | NA                                 | NA                                | 32 (82)                      | 600 (272)         |
| 1 02-0511-0132 | 5                | M                                | 11 (29)/17.5 (44.5)         | 3 (8)/6 (8)                        | 12 (31)                           | 26.6 (67)/32.7 (83)          | 100 (45)          |
| 2 02A7898C0100 | 5                | M                                | 11.6 (29.5)                 | 3 (8)                              | 17.5 (44.45)                      | 32 (81)                      | 162 (73.5)        |
| 02-0517-0140   | 5                | M                                | 17 (43)                     | 7 (18)                             | 22 (56)                           | 46 (117)                     | 105 (48)          |
| 02-0520-0110   | 5                | S                                | 20 (51)                     | 6 (15)                             | 12 (30)                           | 38 (97)                      | 90 (41)           |
| 02-0522-0140   | 5                | M                                | 22 (56)                     | 7 (18)                             | 22 (56)                           | 51 (130)                     | 113 (51)          |
| 02-7828-0110   | 5                | M                                | 22 (56)                     | 7 (18)                             | 29 (74)                           | 58 (147)                     | 113 (51)          |
| 9 02-7928C0100 | 5                | M                                | 22 (56)                     | 8 (20)                             | 29 (74)                           | 59 (149.9)                   | 180 (82)          |
| 02-8003-0140   | 5                | S                                | 23 (58)                     | 7 (18)                             | 22 (56)                           | 52 (132)                     | 108 (49)          |
| 02-0524-0110   | 5                | S                                | 24 (61)                     | 8 (20)                             | 16 (41)                           | 48 (122)                     | 98 (44)           |
| 7 02-7823-0110 | 5                | M                                | 24 (61)                     | N/A                                | 22 (56)                           | 46 (116)                     | 125 (57)          |
| 02-7865-0100   | 5                | S                                | 24 (61)                     | 8 (20)                             | 16 (41)                           | 48 (122)                     | 98 (44)           |
| 02-0526-0110   | 5                | S                                | 26 (66)                     | 8 (20)                             | 16 (41)                           | 50 (127)                     | 100 (45)          |
| 02-0527-0140   | 5                | M                                | 27 (69)                     | 9 (23)                             | 34 (86)                           | 70 (178)                     | 108 (49)          |
| 7 02-7822-0110 | 5                | M                                | 27 (69)                     | 9 (23)                             | 34 (86)                           | 70 (178)                     | 160 (73)          |
| 02-7838-0110   | 5                | S                                | 27 (69)                     | 8 (20)                             | 15 (38)                           | 50 (127)                     | 100 (45)          |
| 02-7856-0100   | 5                | S                                | 30 (76)                     | 12 (30)                            | 22 (56)                           | 64 (163)                     | 105 (48)          |
| 02-7827-0110   | 5                | M                                | 32 (81)                     | 9 (23)                             | 34 (86)                           | 75 (191)                     | 160 (73)          |
| 02-0536-0110   | 5                | S                                | 36 (91)                     | 10 (25)                            | 22 (56)                           | 68 (173)                     | 110 (50)          |
| 2 02-7837-0110 | 5                | M                                | 38 (97)                     | 9 (23)                             | 34 (86)                           | 81 (206)                     | 190 (86)          |
| 2 02-0540-0110 | 5                | S                                | 40 (102)                    | 10 (25)                            | 22 (56)                           | 72 (183)                     | 115 (52)          |
| 2 02-0544-0110 | 5                | S                                | 44 (112)                    | 10 (25)                            | 22 (56)                           | 76 (193)                     | 125 (57)          |
| 2 02-7812-0110 | 5                | S                                | 54 (137)                    | 10 (25)                            | 30 (76)                           | 94 (239)                     | 185 (84)          |
| 2 02-0566-0110 | 5                | S                                | 66 (168)                    | 10 (25)                            | 22 (56)                           | 98 (249)                     | 140 (64)          |
| 2 02-7855-0100 | 5                | S                                | 84 (213)                    | 10 (25)                            | 22 (56)                           | 116 (295)                    | 190 (86)          |
| 2 02-7804-0110 | 5                | S                                | 100 (254)                   | 10 (25)                            | 22 (56)                           | 132 (335)                    | 190 (86)          |
| 02-8130C0100   | 6                | M                                | 24 (61)                     | 7 (18)                             | 29 (74)                           | 60 (153)                     | 113 (51)          |
| 02A7934C0100   | 7                | M                                | 17.75 (45)                  | 6 (15)                             | 22 (56)                           | 45.75 (116)                  | 135 (61)          |
| 3 02A7849-0120 | 10               | M                                | 14 (36)                     | 9 (23)                             | 23 (58)                           | 46 (117)                     | 284 (129)         |
| 2 02-7809-0110 | 10               | M                                | 20 (51)                     | 4 (10)                             | 23 (58)                           | 49 (124)                     | 250 (113)         |
| 3 02A7848-0120 | 10               | M                                | 24 (61)                     | 8 (20)                             | 38 (97)                           | 70 (178)                     | 380 (172)         |
| 2 02A7930C0100 | 10               | M                                | 24.75 (63)                  | 13.5 (34)                          | 47 (119)                          | 87.5 (222)                   | 494 (224)         |
| 3 02A7845-0120 | 10               | M                                | 27 (69)                     | 14 (36)                            | 47 (119)                          | 88 (224)                     | 450 (204)         |
| 2 02-7815-0110 | 10               | M                                | 28 (71)                     | 12 (30)                            | 33 (85)                           | 72 (183)                     | 300 (136)         |
| 3 02A7886C0100 | 10               | M                                | 29 (74)                     | 14 (36)                            | 47 (119)                          | 88 (224)                     | 490 (222)         |
| 02-1032-0111   | 10               | S                                | 32 (81)                     | 12 (30)                            | 16 (41)                           | 60 (152)                     | 175 (79)          |
| 02-1036-0111   | 10               | S                                | 36 (91)                     | 14 (36)                            | 20 (51)                           | 70 (178)                     | 185 (84)          |
| 02-1040-0111   | 10               | S                                | 38 (97)                     | 14 (36)                            | 24 (61)                           | 78 (198)                     | 220 (100)         |
| 2 02A7914C0100 | 10               | S                                | 41 (104)                    | 8 (20)                             | 25 (63.5)                         | 74 (188)                     | 500 (227)         |
| 4 02A7904C0100 | 10               | S                                | 87 (221)                    | 14 (36)                            | 32 (82)                           | 113 (338)                    | 730 (331)         |

# Tripod Jacks



## Additional Standard Features By Model Number:

- 1 Floor Jack
- 2 Spring Loaded Casters
- 3 Spring Loaded Casters & Towbar
- 4 Spring Loaded Locking Caster, Adjustable Leveling Feet with Leveling Bubble, Sight Gauge
- 5 Spring Loaded Locking Caster, Adjustable Leveling Feet with Leveling Bubble, Sight Gauge & Towbar
- 6 Spring Loaded Locking Caster, Adjustable Leveling Feet with Leveling Bubble, Towbar, Operator Platform & Ladder
- 7 Load Bearing Casters (see Tool & Equipment List Dash-7, F-27 & ATR 42/72)
- 8 Accessory: 03-5400-000 Leg Extension - increases maximum raised height to 92 in (234 cm)

## Specifications:

| Model Number    | Capacity<br>tons | Single (S)<br>Multi (M)<br>Stage | Closed<br>Height<br>in (cm) | Mechanical<br>Extension<br>in (cm) | Hydraulic<br>Extension<br>in (cm) | Fully<br>Extended<br>in (cm) | Weight<br>lb (kg) |
|-----------------|------------------|----------------------------------|-----------------------------|------------------------------------|-----------------------------------|------------------------------|-------------------|
| 3 02A7912C0100  | 12               | M                                | 20 (51)                     | 5 (13)                             | 23 (58)                           | 48 (122)                     | 250 (113)         |
| 02-7899C0100    | 12               | S                                | 32 (81)                     | 8 (20)                             | 16 (41)                           | 56 (143)                     | 175 (79)          |
| 02-7805-0111    | 12               | S                                | 36 (91)                     | 14 (36)                            | 20 (51)                           | 70 (178)                     | 185 (84)          |
| 2 02-1240-0111  | 12               | S                                | 40 (102)                    | 14 (36)                            | 24 (61)                           | 78 (198)                     | 220 (100)         |
| 3 02-7842-0100  | 12               | M                                | 40 (102)                    | 12 (30)                            | 40 (102)                          | 92 (234)                     | 350 (159)         |
| 3 02A7858-0100  | 12               | M                                | 40 (102)                    | 12 (30)                            | 47 (119)                          | 99 (252)                     | 350 (159)         |
| 2 02-1248-0112  | 12               | S                                | 46 (117)                    | 14 (36)                            | 30 (76)                           | 92 (234)                     | 305 (138)         |
| 2 02-7810-0111  | 12               | S                                | 51 (129.5)                  | 14 (36)                            | 32 (82)                           | 97 (246)                     | 294 (133)         |
| 02-7800-0110    | 12               | S                                | 55 (138)                    | 14 (36)                            | 32 (82)                           | 100 (256)                    | 370 (160)         |
| 2 02-1256-0111  | 12               | S                                | 56 (142)                    | 14 (36)                            | 35 (89)                           | 105 (267)                    | 296 (134)         |
| 2 02A7890C0100  | 12               | S                                | 64 (162)                    | 4 (10)                             | 35 (89)                           | 103 (262)                    | 850 (386)         |
| 3 02A7859-0100  | 12               | M                                | 70 (178)                    | 4 (10)                             | 58 (147)                          | 132 (335)                    | 425 (193)         |
| 02-7857-0110    | 12               | S                                | 104 (264)                   | 14 (36)                            | 32 (82)                           | 150 (384)                    | 500 (227)         |
| 2 02-7802-0111  | 12               | S                                | 108 (274)                   | 14 (36)                            | 35 (89)                           | 154 (391)                    | 500 (227)         |
| 02-8112-0111    | 12               | S                                | 108 (274)                   | 14 (36)                            | 32 (82)                           | 154 (391)                    | 500 (227)         |
| 3 02A7917C0100  | 15               | M                                | 20 (51)                     | 4 (10)                             | 35 (89)                           | 59 (150)                     | 420 (190)         |
| 5 02A7896C0100  | 15               | S                                | 54 (137)                    | 12 (30)                            | 40 (102)                          | 106 (269)                    | 920 (417)         |
| 2 02A7869C0100  | 15               | M                                | 64 (163)                    | 4 (10)                             | 71 (180)                          | 140 (356)                    | 1,145 (519)       |
| 6 02A7897C0100  | 15               | S                                | 100 (254)                   | 12 (30)                            | 40 (102)                          | 152 (386)                    | 1,280 (581)       |
| 2 02-7839-0111  | 18               | S                                | 120 (305)                   | 16 (41)                            | 42 (107)                          | 170 (432)                    | 905 (411)         |
| 2 02A7874C0110  | 20               | M                                | 39 (99)                     | 4 (10)                             | 51 (130)                          | 94 (239)                     | 645 (293)         |
| 2 02A7843-0112  | 25               | S                                | 49 (124)                    | 25 (64)                            | 30 (76)                           | 104 (264)                    | 480 (218)         |
| 2 02-7803-0111  | 25               | S                                | 54 (137)                    | 16 (41)                            | 27 (69)                           | 97 (246)                     | 500 (227)         |
| 2 02-2560-0111  | 25               | S                                | 60 (152)                    | 16 (41)                            | 42 (107)                          | 118 (300)                    | 590 (268)         |
| 2 02A7868C0100  | 25               | S                                | 68 (172)                    | 4 (10)                             | 50 (127)                          | 121.6 (308.9)                | 1,160 (526)       |
| 4 02A7889C0100  | 25               | S                                | 93 (237)                    | 4 (10)                             | 35 (89)                           | 132 (335)                    | 920 (417)         |
| 2 02-7851-0111  | 25               | S                                | 94 (239)                    | 16 (41)                            | 42 (107)                          | 152 (386)                    | 725 (329)         |
| *2 02A7913C0100 | 30               | M                                | 46 (117)                    | 4 (10)                             | 39 (99)                           | 89 (226)                     | 800 (363)         |
| 2 02-7844-0111  | 30               | S                                | 46 (117)                    | 16 (41)                            | 27 (69)                           | 89 (226)                     | 500 (227)         |
| 5 02A7895C0100  | 40               | S                                | 60 (152)                    | 16 (41)                            | 44 (112)                          | 120 (305)                    | 1,380 (626)       |
| 2 02A7850-0100  | 60               | S                                | 60 (152)                    | 24 (61)                            | 44 (112)                          | 128 (325)                    | 1,300 (590)       |

\* 145 psi (10 bar) required for air pump for jack to reach maximum extension height



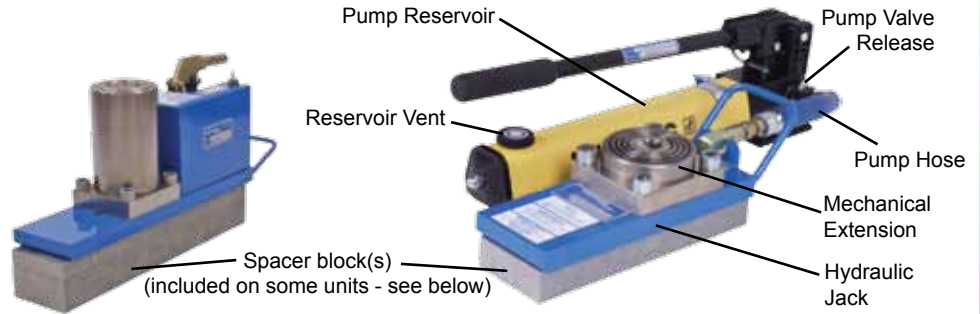
# Telescoping Hydraulic Axle Jacks

## Standard Features:

- Hand pump with pressure relief valve
- Easy access filler/breather cap that can be sealed to avoid spills
- Spacer blocks provide easy adjustment of closed height (included with some models)
- Finish: Painted Tronair Blue

## CE Approved Jack:

Insert a "C" as the eighth digit, (e.g. 02-7813C0100)



**TYPE 1**

**TYPE 2**

## Accessories:

- **02-4950-4000** - Strut restrictor & axle jack adaptor for Citation III aircraft
- **K-4026** - CE conversion kit for 02-7813-0100
- **K-4296** - NLG adaptor pad



## Specifications:

| Model Number                     | Capacity<br>tons | Closed<br>Height<br>in (cm) | Mechanical<br>Extension<br>in (cm) | Hydraulic<br>Extension<br>in (cm) | Fully<br>Extended<br>in (cm) | Length<br>in (cm) | Dimensions<br>Width<br>in (cm) | Weight<br>lb (kg) | Type |
|----------------------------------|------------------|-----------------------------|------------------------------------|-----------------------------------|------------------------------|-------------------|--------------------------------|-------------------|------|
| <b>2, 3, 4</b> 02-7902C0100..... | 2                | 4.5 (11.4)                  | ---                                | 6.4 (16.2)                        | 12 (30)                      | 15.4 (39)         | 4.5 (11)                       | 52 (24)           | 2    |
| w/out jack pad .....             | 12               | 4.5 (11.4)                  | ---                                | 6.4 (16.2)                        | 12 (30)                      | 15.4 (39)         | 4.5 (11)                       | 52 (24)           | 2    |
| <b>1</b> 02-7924C0100.....       | 4                | 3.5 (9)                     | ---                                | 3.8 (10)                          | 7.3 (18.5)                   | 11.3 (29)         | 4.5 (11)                       | 32 (15)           | 2    |
| w/offset adapter. 3.25.....      | 3.5              | 3.5 (9)                     | ---                                | 3.8 (10)                          | 7.3 (18.5)                   | 11.3 (29)         | 4.5 (11)                       | 32 (15)           | 2    |
| 02-7853C0100.....                | 5                | 5.5 (14)                    | 3 (8)                              | 8.5 (22)                          | 17 (43)                      | 13 (33)           | 3 (8)                          | 34 (15)           | 2    |
| 02-7933C0100.....                | 5                | 5.6 (14)                    | 2.6 (6.7)                          | 9.75 (24.8)                       | 14.75 (37.5)                 | 7.2 (43.7)        | 3 (8)                          | 40 (18)           | 1    |
| <b>2, 3, 4</b> 02-7863C0100..... | 12               | 3 (8)                       | 1.5 (4/3 (8)                       | 6 (15)                            | 12 (30)                      | 15.5 (39)         | 4.5 (11)                       | 52 (24)           | 2    |
| <b>2</b> 02-7833C0110.....       | 12               | 3 (8)                       | ---                                | 5 (13)                            | 8 (20)                       | 15.5 (39)         | 4.5 (11)                       | 82 (37)           | 2    |
| <b>2, 3</b> 02-7852C0100.....    | 12               | 3 (8)                       | ---                                | 5.25 (13)                         | 8.25 (20)                    | 15.375 (39)       | 4.5 (11)                       | 61 (28)           | 2    |
| 02-7832-0110.....                | 12               | 4 (10)                      | 1.5 (4)                            | 5.5 (14)                          | 11.5 (29)                    | 19 (48)           | 4 (10)                         | 50 (23)           | 1    |
| 02-7836C0110.....                | 12               | 4 (10)                      | 1 (3.5)                            | 5.5 (14)                          | 11 (28)                      | 19 (48)           | 4 (10)                         | 50 (23)           | 1    |
| <b>3</b> 02-7861C0100.....       | 12               | 4 (10)                      | 1 (3)                              | 8 (20)                            | 12.5 (32)                    | 15.5 (39)         | 4.5 (11)                       | 52 (24)           | 2    |
| 02-8126C0100.....                | 12               | 4 (10)                      | 1.4 (3.5)                          | 5.5 (14)                          | 11 (28)                      | 25 (64)           | 4.5 (11)                       | 84 (38)           | 2    |
| also includes.....               | 25               | 6.5 (16.5)                  | 2.75 (7)                           | 7.9 (20)                          | 17 (43)                      | 25 (64)           | 4.5 (11)                       | 84 (38)           | 2    |
| 02-7854C0110.....                | 12               | 4 (10)                      | 1.4 (3.5)                          | 5.5 (14)                          | 11 (28)                      | 25 (64)           | 4.5 (11)                       | 84 (38)           | 2    |
| also includes.....               | 25               | 7 (18)                      | 3 (8)                              | 9 (23)                            | 19 (48)                      | 25 (64)           | 4.5 (11)                       | 84 (38)           | 2    |
| <b>2</b> 02-8124-0100.....       | 12               | 4.5 (11)                    | 4.5 (11)                           | 6 (15)                            | 15 (38)                      | 17 (43)           | 4 (10)                         | 61 (28)           | 1    |
| <b>2</b> 02-7813C0100.....       | 12               | 4.5 (11)                    | 4.5 (11)                           | 6 (15)                            | 15 (38)                      | 17 (43)           | 4 (10)                         | 61 (28)           | 1    |
| <b>2</b> 02-7884C0100.....       | 12               | 4.6 (11.7)                  | 4.5 (11)                           | 6 (15)                            | 15 (38)                      | 17.5 (44.5)       | 4 (10)                         | 61 (28)           | 1    |
| 02-7862C0100.....                | 12               | 5 (13)                      | 2 (5)                              | 6 (15)                            | 14 (36)                      | 17 (43)           | 4 (10)                         | 56 (25)           | 2    |
| 02-7834C0111.....                | 12               | 6 (15)                      | 1.5 (4)                            | 6 (15)                            | 13 (33)                      | 14 (36)           | 4 (10)                         | 60 (27)           | 2    |
| <b>3</b> 02-7818-0110.....       | 20               | 8 (20)                      | 5 (13)                             | 6 (15)                            | 19 (48)                      | 21 (53)           | 4.5 (11)                       | 110 (50)          | 1    |
| <b>2</b> 02-7825-0110.....       | 20               | 8 (20)                      | 5 (13)                             | 6 (15)                            | 19 (48)                      | 18 (46)           | 4.5 (11)                       | 78 (35)           | 1    |
| 02-7829-0100.....                | 20               | 8 (20)                      | 5 (13)                             | 6 (15)                            | 19 (48)                      | 21 (53)           | 4.5 (11)                       | 64 (29)           | 1    |
| <b>2</b> 02-7925C0100.....       | 25               | 5.75 (14.6)                 | 1.4 (3.5)                          | 9.4 (24.8)                        | 16.4 (41.76)                 | 23 (58)           | 4.5 (11)                       | 60 (27)           | 1    |
| <b>2</b> 02-7830-0110.....       | 25               | 8 (20)                      | 5 (13)                             | 6 (15)                            | 19 (48)                      | 21 (53)           | 4.5 (11)                       | 66 (30)           | 1    |
| <b>2</b> 02-7901C0100.....       | 25               | 8 (20)                      | 5 (13)                             | 6 (15)                            | 19 (48)                      | 21 (53)           | 4.5 (11)                       | 66 (30)           | 1    |
| <b>2</b> 02-7835-0100.....       | 25               | 8.5 (22)                    | 4.5 (11)                           | 12 (30)                           | 25 (64)                      | 22.5 (57)         | 4.5 (11)                       | 99 (45)           | 1    |
| <b>2</b> 02-7835C0100.....       | 25               | 8.5 (22)                    | 4.5 (11)                           | 12 (30)                           | 25 (64)                      | 22.5 (57)         | 4.5 (11)                       | 99 (45)           | 1    |
| 02A7867C0100.....                | 30               | 7.5 (19)                    | 4 (10)                             | 11 (28)                           | 22.5 (57)                    | 33 (84)           | 7 (18)                         | 150 (68)          | 1    |

**1** 3/4" Base Plate included - increases closed and extended heights by 3/4"

**2** 1" and 2" Spacer Blocks included - increases closed and extended heights by 1", 2" & 3"

**3** Carrying case included

**4** Main and nose landing gear jacks pads included

## Stabilizing Stands



03-4006-0000



03-4007-0000



03-4033-0000



03-5800C0010



03-5804-0010

### Standard Features:

- Stands stabilize aircraft when lifting with tripod jacks
- Padding on all adaptors that may come in contact with aircraft skin
- Welded steel tripod structure offers a sturdy and stable platform
- Casters on stabilizing stand weighing more than 40 lbs (18 kg)
- Quick action mechanical extension in increments of 1/4 inch
- Wide range of interface adaptors
- Finish: Durable Powder Coat Tronair Blue
- **Stabilizing Stand Alarm** (factory installed) insert an "A" as the third digit of the model number, (e.g. 03A4006-0000)

### CE Approved Stabilizing Stand:

Insert a "C" as the eighth digit, (e.g. 03-5815C0010)



### Specifications:

| Model Number | Manufacturer/Aircraft                                                       | Closed Height<br>in (cm) | Extended Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|-----------------------------------------------------------------------------|--------------------------|----------------------------|-------------------|
| 03-4006-0000 | <b>Universal</b>                                                            | 30 (76)                  | 72 (183)                   | 28 (13)           |
| 03-4007-0000 | <b>Cessna</b> Citation I, II, V, S II, Bravo, Ultra (series 500, 501 & 550) | 32 (81)                  | 50 (127)                   | 14 (6)            |
| 03-4012-0000 | <b>Bombardier</b> Dash-7                                                    | 78 (198)                 | 103 (262)                  | 86 (39)           |
| 03-4015-0000 | <b>IAI</b> Westwind 1 & 2                                                   | 34 (85)                  | 54 (137)                   | 18 (8)            |
| 03-4033-0000 | <b>Hawker Beechcraft</b> BeechJet (Diamond)                                 | 33 (84)                  | 44 (112)                   | 15 (7)            |
| 03-5800C0010 | <b>BAe</b> Jetstream 31                                                     | 54 (137)                 | 77 (196)                   | 80 (36)           |
|              | <b>Bombardier</b> Challenger, 600, 601, 604, CRJ-100/200                    |                          |                            |                   |
|              | <b>Dassault</b> Falcon 50, 50EX                                             |                          |                            |                   |
| 03-5801-0010 | <b>Cessna</b> Citation III, VI, & VII (series 650)                          | 47 (119)                 | 70 (178)                   | 67 (30)           |
| 03-5802-0000 | <b>Bombardier</b> LearJet 23 thru 35 & 55                                   | 39 (99)                  | 67 (170)                   | 17 (8)            |
|              | <b>Cessna</b> Caravan 208, 208B, 406                                        |                          |                            |                   |
|              | <b>Embraer</b> EMB-110                                                      |                          |                            |                   |
| 03A5802C0000 | <b>Bombardier</b> LearJet 23 thru 35 & 55                                   | 39 (99)                  | 67 (170)                   | 17 (8)            |
|              | <b>Cessna</b> Caravan 208, 208B, 406                                        |                          |                            |                   |
|              | <b>Embraer</b> EMB-110                                                      |                          |                            |                   |
| 03-5804-0010 | <b>Hawker Beechcraft</b> Beech 99, C-12, King Air, U-21 A/G, 1900           | 43 (109)                 | 65 (165)                   | 20 (9)            |
| 03-5805-0000 | <b>Saab</b> 340, 2000                                                       | 48 (122)                 | 65 (165)                   | 70 (32)           |
| 03-5806-0000 | <b>CASA</b> CN-235                                                          | 102 (259)                | 126 (320)                  | 94 (43)           |
| 03-5808-0000 | <b>BAe</b> ATP                                                              | 84 (213)                 | 120 (305)                  | 103 (47)          |
|              | <b>CASA</b> 212                                                             |                          |                            |                   |
| 03-5809C0000 | <b>Bombardier</b> LearJet 45 & 60                                           | 63 (160)                 | 103 (262)                  | 26 (12)           |
|              | <b>Gulfstream</b> Astra, Astra SPX (G-100) (G-150)                          |                          |                            |                   |
| 03A5809C0000 | <b>Bombardier</b> LearJet 45 & 60                                           | 61 (155)                 | 103 (262)                  | 30 (13.6)         |
|              | <b>Gulfstream</b> G-100 (Astra), G-150 (Astra SPX)                          |                          |                            |                   |
| 03-5813-0000 | <b>Piaggio</b> P180                                                         | 28 (71)                  | 49 (124.5)                 | 16 (7)            |
| 03-5814-0000 | <b>Fairchild/Dornier</b> 328, 328JET, Envoy                                 | 98 (249)                 | 158 (401)                  | 120 (54)          |
| 03A5815C0010 | <b>Cessna</b> CitationJet, CJ1 & CJ2 (series 525), Mustang                  | 27 (68.6)                | 49 (124.5)                 | 22 (10)           |
| 03-5816-0000 | <b>BAe</b> Jetstream 41                                                     | 67 (169)                 | 87 (222)                   | 85 (39)           |
| 03-5817-0000 | <b>Cessna</b> Citation X (series 750)                                       | 49 (124)                 | 72 (183)                   | 76 (34)           |

## Specifications:

| Model Number | Manufacturer/Aircraft                                 | Closed Height<br>in (cm) | Extended Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|-------------------------------------------------------|--------------------------|----------------------------|-------------------|
| 03-5819-0000 | Bombardier Dash-8-100/300 (Pre Modification: 8/1795)  | 47 (119)                 | 70 (178)                   | 75 (34)           |
| 03-5820-0000 | Bombardier Dash-8-100/300 Aircraft 1 thru 23 (Pole)   | 40 (102)                 | N/A                        | 4 (2)             |
| 03-5821-0000 | Bombardier Dash-8-100/300 (Post Modification: 8/1795) | 47 (119)                 | 70 (178)                   | 75 (34)           |
| 03-5822C0000 | Bombardier Challenger 300, Global Express             | 68 (173)                 | 104 (264)                  | 90 (41)           |
|              | Dassault Falcon 900, 2000                             |                          |                            |                   |
|              | Hawker Beechcraft Premier                             |                          |                            |                   |
| 03-5824-9000 | Bombardier Lear C-21 Tailpost                         | 33 (84)                  | 57 (145)                   | 12 (5)            |
| 03-5825-0110 | Bombardier Canadair CRJ700                            | 66.75 (169)              | 125.25 (318)               | 600 (272)         |
| 03-5826-0000 | Cessna Citation Excel series 550XL                    | 42 (107)                 | 68 (173)                   | 62 (28)           |
| 03-5828-0000 | Bombardier CRJ700                                     | 65 (165)                 | 105 (267)                  | 105 (48)          |
| 03-5829-0000 | Bombardier Dash-8-400                                 | 80 (203)                 | 106 (269)                  | 110 (50)          |
| 03-5830-0000 | Hawker Beechcraft HS125                               | 70 (178)                 | 106 (269)                  | 90 (41)           |
| 03A5831-0000 | Cessna Citation Sovereign 680                         | 54 (137)                 | 77 (196)                   | 80 (36)           |
| 03-5840-0100 | Falcon 7X                                             | 52.25 (132.7)            | 76 (193)                   | 90 (41)           |
| 03A5840C0100 | Falcon 7X                                             | 54.56 (138.6)            | 76 (193)                   | 94 (239)          |
| 03-5842C4000 | Cessna Mustang 510                                    | 29 (74)                  | 34 (86)                    | 11 (5)            |
| 03A5845C0000 | Embraer Legacy                                        | 60.63 (154)              | 87.63 (222.6)              | 150 (68)          |

## STABILIZING STAND ALARM KITS

Designed as an early warning device to sound a 85 dB alarm when a load of 100 lbs (45 kg) or greater is put on the stabilizing stand. Fits the following Tronair Stabilizing Stands:

|                              |              |              |              |
|------------------------------|--------------|--------------|--------------|
| <b>K-3863</b> - 03-4007-0000 | 03-4015-0000 | 03-4033-0000 | 03-5815-0000 |
| <b>K-3864</b> - 03-4012-0000 | 03-5800C0010 | 03-5801-0010 | 03-5805-0000 |
| 03-5806-0000                 | 03-5816-0000 | 03-5818-0000 | 03-5819-0000 |
| 03-5821-0000                 | 03-5822C0000 | 03-5826-0000 | 03-5828-0000 |
| 03-5829-0000                 | 03-5830-0000 | 03-8016-0010 | 03-8127-0000 |
| <b>K-3892</b> - 03-5817-0000 |              |              |              |



## Aircraft Recovery Dolly

### Standard Features:

- Simple operation, can be managed by one (1) person
- Heavy structural steel construction, durable
- 33 in (83.8 cm) maximum aircraft wheel width
- 42° maximum turning angle
- Solid rubber tires
- Front and rear wheels pivot allowing dolly to be lowered for ease of loading
- Four (4) steel skid wheels for final positioning
- Expanded metal steel reinforced storage tray
- Towbar with forged eyebolt
- Self-leveling foot pads accommodate uneven towing surfaces
- Front and rear hydraulic systems
- Hand pumps require 35 lb. handle force to actuate total hydraulic cylinder movement
- Heavy duty chain pullers easily cinch aircraft tires
- Finish: Durable Powder Coat Tronair Blue



## Specifications:

| Model Number | Load Capacity<br>lb (kg) | Max Towing Speed<br>mph (kph) | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|--------------------------|-------------------------------|-------------------|------------------|-------------------|-------------------|
| 02-4951-0100 | 16,000 (7,257)           | 5 (8)                         | 177 (449.6)       | 60 (152.4)       | 20 (50.8)         | 1,200 (544.3)     |

# JETporter Electric Towbarless Tugs



## Standard Features:

### Models: JP30, JP30L

- Battery charge indicator with hourmeter and diagnostics
- Built in 12-24-28/30V power supply to assist starting aircraft engines
- GPU cable and plugs
- Two speed transmission
- 6 Hp continuous duty motor
- On-board battery charger
- Dynamic motor braking
- Automatic parking brake
- Emergency safety cut off switch
- Covered storage compartments with rubberized coating on aluminum diamond deck cover
- Nylon wheel tie down safety strap
- Nylon winch strap
- Nylon strut strap
- Headlights and rear facing lights
- Strobe light
- Fire extinguisher
- Horn
- Finish: Durable Powder Coat Tronair Blue  
(Custom colors & graphics available)



## Accessories:

- |          |                                              |            |
|----------|----------------------------------------------|------------|
| • K-4101 | On Board Air Compressor                      | JP30/JP30L |
| • K-4050 | Front Pintle Hitch (Slide In)                | JP30/JP30L |
| • K-4057 | Standoff Arm<br>(for aircraft w/wheel pants) | JP30/JP30L |
| • K-4094 | Jumper Cable Kit                             | JP30/JP30L |
| • K-4051 | Tire Chains                                  | JP30/JP30L |
| • K-4096 | Sipped Tire Set                              | JP30/JP30L |
| • K-4052 | Westwind 1 & 2 Adaptor                       | JP30/JP30L |
| • K-4053 | MU2 (Solitaire only) Adaptor                 | JP30/JP30L |
| • K-4054 | PC 12 Adaptor                                | JP30       |
| • K-4055 | Falcon 50/900/2000 Adaptor                   | JP30/JP30L |
| • K-4056 | Learjet 40/45 Adaptor                        | JP30/JP30L |
| • K-4177 | Sabreliner Adaptor                           | JP30/JP30L |
| • K-4478 | Falcon 20/200 Adaptor                        | JP30/JP30L |

## Specifications:

| Model Number | Max Aircraft Weight<br>lb (kg) | Cradle Capacity<br>lb (kg) | Speed Empty<br>mph (kph) | Speed Full Load<br>mph (kph) | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|--------------------------------|----------------------------|--------------------------|------------------------------|-------------------|------------------|-------------------|-------------------|
| JP30 .....   | 30,000 (13,608) .....          | 3,000 (1,361) .....        | 10 (16) .....            | 3 (4.8) .....                | 135 (342.9) ..... | 40 (101.6) ..... | 49 (124.5) .....  | 2,450 (1,111)     |
| JP30L .....  | 30,000 (13,608) .....          | 3,000 (1,361) .....        | 10 (16) .....            | 3 (4.8) .....                | 171 (434.4) ..... | 40 (101.6) ..... | 49 (124.5) .....  | 3,250 (1,474)     |



## Standard Features:

- Sit down model
- Power steering
- Heavy duty long life torque hubs
- Regenerative dynamic motor braking
- Redundant hydraulic service foot brake
- Automatic parking brake
- Controlled acceleration & deceleration joystick operated throttle - JP75
- Controlled acceleration & deceleration foot operated throttle - JP100S
- 2 - 8 Hp continuous duty drive motors coupled directly to brake/torque hub results in fewer moving parts - JP75
- 2 - 10 Hp continuous duty drive motors coupled directly to brake/torque hub results in fewer moving parts - JP100S
- Proportional drive with steering position sensor
- Suspension system
- Hydraulic system filtration
- Battery charge indicator with hourmeter
- Emergency safety cut off switch
- Covered storage compartments with rubberized coating on aluminum diamond deck cover
- 16 - 6 volt batteries
- Fully automated, multi-tap battery charger (indicate frequency required) JP-204-50 (50 Hz) or JP-204-60 (60 Hz)
- Reduced tire wear
- Solid rubber tires
- Sealed winch tension safety switch with no mechanical linkage
- Wheel tie down safety strap
- Nylon winch strap
- Nylon strut strap
- Fire extinguisher
- Side marker lights
- Headlights and rear facing lights
- Strobe light
- Horn
- Pintle hitch (rear) - JP100S
- Finish: Durable Powder Coat Tronair Blue  
(Custom colors and graphics available)



## Optional Equipment:

- Battery watering system - JP100S

## Accessories:

|          |                              |             |
|----------|------------------------------|-------------|
| • K-4175 | Pintle Hitch (rear)          | JP75        |
| • K-4099 | Tire Chains                  | JP75        |
| • K-4100 | Tire Chains                  | JP100S      |
| • K-4052 | Westwind 1 & 2 Adaptor       | JP75/JP100S |
| • K-4053 | MU2 (Solitaire only) Adaptor | JP75/JP100S |
| • K-4055 | Falcon 50/900/2000 Adaptor   | JP75/JP100S |
| • K-4056 | Learjet 40/45 Adaptor        | JP75/JP100S |
| • K-4123 | Falcon 7X Adaptor            | JP75/JP100S |
| • K-4177 | Sabreliner Adaptor           | JP75/JP100S |
| • K-4222 | Falcon 10/20/100/200 Adaptor | JP75        |
| • K-4235 | Dash 8-400 Adaptor           | JP75/JP100S |
| • K-4236 | Dash 8-100/300 Adaptor       | JP75/JP100S |



## Specifications:

| Model Number | Max Aircraft Weight<br>lb (kg) | Cradle Capacity<br>lb (kg) | Speed Empty<br>mph (kph) | Speed Full Load<br>mph (kph) | Length<br>in (cm)  | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|--------------------------------|----------------------------|--------------------------|------------------------------|--------------------|------------------|-------------------|-------------------|
| JP75 .....   | 75,000 (45,359) .....          | 7,500 (4,536) .....        | 8 (12.9).....            | 3 (4.8) .....                | 179.5 (455.9)..... | 58 (147.3) ..... | 52 (132.1).....   | 5,700 (2,586)     |
| JP100S.....  | 100,000 (45,359) .....         | 10,000 (4,536) .....       | 7 (11.3).....            | 3 (4.8) .....                | 209 (530.9).....   | 70 (177.8) ..... | 39 (98.4).....    | 7,000 (3,175)     |

# JETporter **SOFTCAPTURE®** Electric Towbarless Tugs

**Eliminate negative “strap capture” events**  
**Reduce capture/release time can improve on-time performance/airline costs**



**Patented**

## Standard Features:

- Connect to the aircraft nose landing gear from the driver's cockpit or at the fender next to the aircraft nose landing gear (NLG)
- All contact is made on the aircraft NLG tires only, no contact or straps on the oleo strut or NLG
- Designed to fit most common dual nose-wheel aircraft
- 2 (8 Hp - **JP75SSC**, 10 Hp - **JP100SSC**) continuous duty drive motors coupled directly to brake/torque hub results in fewer moving parts (no chains)
- Proportional drive with steering position sensor
- Battery charge indicator with hourmeter
- Fully automated, multi-tap battery charger
- 16 - 6 volt batteries
- Rear suspension system compensates for uneven ramp surface, dampens transmitted vibration for passengers, crew and operator
- Power steering
- Heavy duty long life torque hubs
- Regenerative dynamic motor braking for long battery life and very smooth deceleration
- Redundant hydraulic service foot brake
- Automatic parking brake
- Solid rubber tires
- 10 micron hydraulic system filtration
- Covered storage compartments with rubberized coating on aluminum diamond deck cover
- Headlights and rear facing lights
- Strobe light and side marker lights
- Horn
- **JP100SSC** - Head set junction box
- **JP100SSC** - Rear view mirror
- Finish: Durable Powder Coat Tronair Blue  
(Custom colors and graphics available)

## Optional Equipment:

- Pintle hitch (rear)
- Battery watering system

## Safety Features:

- Throttle speed limit safety switch reduces unit speed when approaching the aircraft with cradle down
- Forward motion safety switch disengages the throttle when the forward motion safety bar contacts the aircraft nose tire, this prevents the operator from pushing on the nose tire
- The gate lock and cradle locator safety switch locates the cradle and stops the “cradle down” movement when the cradle is lowered to the ground, the gate lock prevents “cradle open” movement when the cradle is up
- The parking brake release safety switch allows the unit to “roll” during capture so the aircraft doesn't move, the hydraulic foot brake remains functional at all times
- **JP75SC** - Controlled acceleration and deceleration joystick operated throttle
- **JP100SSC** - Controlled acceleration and deceleration foot pedal operated throttle
- Emergency stop
- Fire extinguisher



## Specifications:

| Model Number | Max Aircraft Weight<br>lb (kg) | Cradle Capacity<br>lb (kg) | Speed Empty<br>mph (kph) | Speed Full Load<br>mph (kph) | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|--------------------------------|----------------------------|--------------------------|------------------------------|-------------------|------------------|-------------------|-------------------|
| JP75SC       | 75,000 (34,019)                | 7,500 (3,402)              | 8 (12.9)                 | 3 (4.8)                      | 179.5 (455.9)     | 58 (147.3)       | 52 (132.1)        | 5,700 (2,586)     |
| JP100SSC     | 100,000 (45,359)               | 10,000 (4,536)             | 7 (11.3)                 | 3 (4.8)                      | 209 (530.9)       | 70 (177.8)       | 39 (98.4)         | 7,000 (3,175)     |

## Multi-Head Storage Rack

### Standard Features:

- Mobile, strong and durable
- Stores 500, 600 and 800 Series multi heads
- Swivel casters with 2 lockable wheels
- Stainless steel construction and hardware
- Low profile to fit under most aircraft wings
- Keeps hangar floor space organized
- Easy assembly, attach additional racks together as needed
- Finish: Low reflective stainless steel



### Specifications:

| Model Number | Heads | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|-------|-------------------|------------------|-------------------|-------------------|
| 01-1954-6000 | 6     | 36.5 (92.7)       | 16 (40.6)        | 14 (35.6)         | 34 (15.4)         |
| 01-1954-6002 | 12    | 73 (185.4)        | 16 (40.6)        | 14 (35.6)         | 68 (30.8)         |

## Telecoupler

### Standard Features:

- Minimizes eyebolt binding
- Finish: Yellow polyurethane

### Specifications:

| Model Number | Capacity<br>lb (kg) | Closed<br>in (cm) | Extended<br>in (cm) | Weight<br>lb (kg) |
|--------------|---------------------|-------------------|---------------------|-------------------|
| 01-1950-5000 | 100,000 (45,359)    | 18 (46)           | 23 (58)             | 60 (27)           |



## Shear and Shock Protection

### Shear Protection:

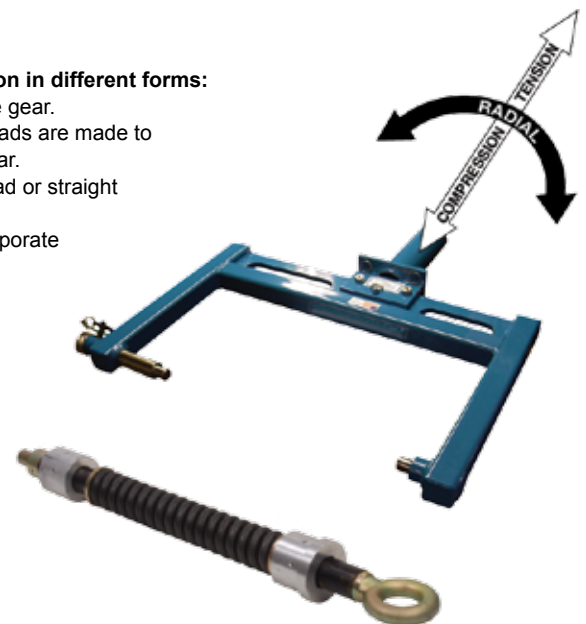
Where required by the aircraft manufacturer, Tronair incorporates shear protection in different forms:

- **Tension/Compression Shear** protects from excessive "pull" or "push" loads to nose gear.
- **Radial Shear** protects nose gear from excessive loads while turning. Attachment heads are made to break a shear pin if a safe turning load is exceeded; but head stays secured to towbar.
- **Dual Shear** attachment heads are made to break a shear pin if maximum turning load or straight overload limits are exceeded; but head stays secured to towbar.

Some towheads will incorporate one of the above shear formats, while others will incorporate tension/compression and/or radial shear protection.

### Shock Absorber Protection:

- All multi-head towbars incorporate a spring type shock absorber that helps protect the nose gear from shock loads encountered during normal towbar operation.



# Attachment Heads

## Standard Features:

- Welded steel construction
- Positive locking to towbar via a ball lok T-pin
- Shear protection, both radial and/or compression/tension built in to protect nose gears as required
- Finish: Durable Powder Coat Tronair Blue



## Specifications: 500 and 600 Series Standard Attachment Heads

For towbars listed on page 43

| Model Number | Manufacturer/Aircraft                                                                   | Length<br>in (cm) | Weight<br>lb (kg) |
|--------------|-----------------------------------------------------------------------------------------|-------------------|-------------------|
| 01-0400-0000 | Bombardier Dash-8-400 (fits towbar 01-1201-0010 only)                                   | 20.187 (53)       | 35 (16)           |
| 01-0502-0000 | Raytheon Hawker HS-125-100 to 800                                                       | 15.625 (40)       | 15 (7)            |
| 01-0503-0000 | Sabreliner (all)                                                                        | 16.25 (41)        | 13 (6)            |
| 01-0505-0000 | Dassault Falcon 10-100, 20-200 & HU-25A                                                 | 17.937 (46)       | 30 (14)           |
| 01-0506-0000 | Sino Swearingen SJ30-2                                                                  | 20.5 (52)         | 18 (8)            |
|              | Raytheon Beech 99, 1900, King Air, Queen Air, 90, 100, 200, 300 & 350, C-12, T-44, 1900 |                   |                   |
| 01-0507-0000 | Fairchild Dornier Metro Merlin III & IV                                                 | 20.5 (52)         | 18 (8)            |
| 01-0508-0000 | Mitsubishi MU2                                                                          | 27.625 (70)       | 22 (10)           |
| 01-0511-0000 | Cessna Cessna 210, Centurion, 310, 320, 335, 340, 401, 402, 401 & 411                   | 20.5 (52)         | 18 (8)            |
|              | Skymaster 336 & 337 Titan                                                               |                   |                   |
|              | Gulfstream Aero & Turbo Commander                                                       |                   |                   |
|              | Piper Cheyenne I, II & III, IIIA, 400LS, Aerostar, Chieftain, Navajo, Mojave            |                   |                   |
| 01-0513-0000 | Bombardier Dash-6 Twin Otter, UV-18A                                                    | 27.625 (70)       | 22 (10)           |
| 01-0514-0000 | Fokker F-27 Friendship                                                                  | 17.75 (45)        | 19 (8.6)          |
| 01-0515-0000 | Bombardier Challenger 601, 604                                                          | 16.187 (43)       | 21 (9.5)          |
| 01-0516-0000 | Sikorsky S-76, AUH-76                                                                   | 27.75 (70)        | 22 (10)           |
| 01-0517-0000 | Bombardier Dash-7                                                                       | 17.625 (45)       | 30 (14)           |
| 01-0518-0010 | Shorts SD330, SD360 & C-23A                                                             | 28.75 (73)        | 26 (12)           |
| 01-0520-0010 | Dassault Falcon 50, 50EX, 900, 900EX, 2000 & 2000EX                                     | 17.937 (46)       | 28 (13)           |
| 01-0522-0000 | Britten Norman Islander, Trislander                                                     | 25.25 (64)        | 18 (8)            |
| 01-0524-0000 | Agusta A-109 (all)                                                                      | 20.5 (52)         | 20 (9)            |
| 01-0525-0000 | Bell Helicopter 222, 230, 430                                                           | 20.5 (52)         | 18 (8)            |
| 01-0526-0000 | BAe Jetstream 31                                                                        | 16.125 (41)       | 13 (6)            |
| 01-0529-0000 | Nomad Nomad                                                                             | 27.75 (70)        | 22 (10)           |
| 01-0531-0000 | Casa C212, C212C, C212-200 Aviocar                                                      | 28.375 (72)       | 32 (15)           |
| 01-0532-0000 | BAe HS-748                                                                              | 31 (79)           | 44 (20)           |
| 01-0534-0000 | Fairchild Dornier 228-100/200                                                           | 22.625 (57)       | 24 (11)           |
| 01-0535-0000 | Bell 214, 214 ST                                                                        | 17.062 (43)       | 13 (6)            |
| 01-0538-0000 | Cessna Caravan 208, 208B & 406                                                          | 27.875 (71)       | 22 (10)           |
| 01-0539-0000 | Northrop T-38                                                                           | 14.75 (37)        | 13 (6)            |
| 01-0540-0010 | Embraer EMB-120                                                                         | 25.25 (64)        | 35 (16)           |
| 01-0542-0010 | Bombardier LearJet (all)                                                                | 24.625 (63)       | 24 (11)           |
|              | Cessna Citation I, II, V, S/II, CitationJet 525, Bravo, Ultra, Mustang 510              |                   |                   |
| 01-0543-0000 | Raytheon BeechJet 400, Diamond, Premier                                                 | 23.625 (60)       | 22 (10)           |
| 01-0544-0000 | Bombardier Dash-6 Twin Otter (hi-float tires)                                           | 37.562 (95)       | 36 (16)           |
| 01-0545-0011 | SAAB 340, 2000                                                                          | 23.75 (60)        | 30 (14)           |
| 01-0546-0000 | Gulfstream I, II, III, IV, IV-SP, G300, G400                                            | 26.25 (67)        | 43 (20)           |
| 01-0547-0000 | General Dynamics Convair 580 thru 640                                                   | 31.25 (79)        | 37 (17)           |
| 01-0548-0000 | Nihon YS-11                                                                             | 31.125 (77)       | 38 (17)           |
| 01-0549-0000 | Dassault Falcon 10-100, 20-200 & HU-25A (w/radial shear)                                | 21.625 (55)       | 39 (18)           |
| 01-0550-0000 | Bombardier Challenger 600, 601, 604 (w/radial shear)                                    | 21.312 (54)       | 24 (11)           |
| 01-0551-0010 | Shorts SD330, SD360 & C-23A (w/radial shear)                                            | 34.75 (88)        | 42 (19)           |
| 01-0552-0011 | Casa CN-235                                                                             | 26.75 (68)        | 33 (15)           |
| 01-0554-0000 | Embraer EMB-110                                                                         | 18 (46)           | 20 (9)            |
| 01-0555-0000 | BAe ATP                                                                                 | 16.625 (42)       | 35 (16)           |
| 01-0556-0000 | Eurocopter Dauphin 2 – AS365N, EC-155                                                   | 27.75 (70)        | 23 (10)           |
| 01-0558-0000 | ATR ATR 42/72                                                                           | 20.625 (52)       | 30 (14)           |
| 01-0559-0000 | Gulfstream G100 (Astra SP & SPX)                                                        | 30.125 (77)       | 23 (10)           |
|              | IAI Westwind 1 & 2                                                                      |                   |                   |
| 01-0560-0010 | Dassault Falcon 50, 50EX, 900, 900EX, 2000 & 2000EX (w/radial shear)                    | 20.75 (53)        | 35 (16)           |
| 01-0565-0000 | BAe ATP (w/shear)                                                                       | 21.25 (54)        | 35 (16)           |
| 01-0566-0000 | Fokker F-50 (w/radial shear)                                                            | 24.125 (61)       | 45 (20)           |
| 01-0569-0000 | Fokker F-50                                                                             | 19.5 (50)         | 40 (18)           |
| 01-0570-0010 | Piaggio P-180 Avanti                                                                    | 27.75 (70)        | 22 (10)           |
| 01-0571-0011 | Bombardier Canadair CRJ 100/200                                                         | 30.375 (77)       | 45 (20)           |
|              | Raytheon Hawker 4000 (w/radial shear)                                                   |                   |                   |



**Specifications:** 500 and 600 Series Standard Attachment Heads

For towbars listed on page 43

| Model Number | Manufacturer/Aircraft                                                                | Length<br>in (cm) | Weight<br>lb (kg) |
|--------------|--------------------------------------------------------------------------------------|-------------------|-------------------|
| 01-0573-0012 | Pilatus PC-12                                                                        | 18 (46)           | 16 (7)            |
| 01-0574-0010 | Raytheon Hawker HS-125-100 to 10000 (w/radial shear)                                 | 20.312 (52)       | 20 (9)            |
| 01-0575-0011 | BAe Jetstream 41 (w/dual shear)                                                      | 20.625 (52)       | 19 (9)            |
| 01-0576-0000 | Fairchild Dornier 328, 328JET, Envoy 3<br>Gulfstream G150                            | 13.625 (35)       | 14 (6)            |
| 01-0577-0020 | Eurocopter Puma AS330, AS332 Super Puma                                              | 28.25 (72)        | 32 (15)           |
| 01-0578-0010 | Bombardier CL-215/415 (w/dual shear)                                                 | 29.562 (75)       | 39 (18)           |
| 01-0580-0000 | Eurocopter Dauphin HH-65A                                                            | 21.875 (56)       | 30 (14)           |
| 01-0582-0011 | Embraer ERJ-135, ERJ-140, ERJ-145, Legacy                                            | 26.25 (67)        | 39 (18)           |
| 01-0586-0000 | Bombardier Canadair CRJ 700                                                          | 37.375 (95)       | 75 (34)           |
| 01-0590-0000 | Bombardier Dash-8-100,300                                                            | 20.25 (51)        | 33 (15)           |
| 01-0591-0000 | Bombardier LearJet (all) (w/dual shear)                                              | 30.812 (78)       | 35 (16)           |
| 01-0594-0000 | Cessna Citation III, VI, VII, X, 750, Excel & Sovereign                              | 19.125 (49)       | 25 (11)           |
| 01-0595-0000 | Raytheon JPATS T-6A Texan II                                                         | 18.375 (47)       | 18 (8)            |
| 01-0597-0000 | Bombardier Challenger 300                                                            | 32.125 (82)       | 59 (27)           |
| 01-0598-0000 | Eclipse Aerospace Eclipse 500                                                        | 20.5 (52)         | 20 (9)            |
| 01-0599-0010 | Sikorsky S-92                                                                        | 31 (78.7)         | 58.5 (26.5)       |
| 01-0601-0000 | Embraer Phenom 100                                                                   | 23.25 (59)        | 23 (10)           |
| 01-0602-0000 | Dassault Falcon 7X (w/dual shear)                                                    | 24.937 (63)       | 42 (19)           |
| 01-0603-0000 | Hawker 4000                                                                          | 27.625 (69)       | 37 (17)           |
| 01-0604-0000 | Embraer Phenom 300                                                                   | 21.43 (54)        | 14.3 (6.5)        |
| 01-0605-0000 | Agusta AW139                                                                         | 27.062 (69)       | 37 (17)           |
| 01-0606-0000 | Embraer Phenom 300                                                                   | 27.625 (70)       | 14 (6)            |
| 01-0608-0000 | Bombardier LearJet 85 (w/radial shear)                                               | 33 (84)           | 49.8 (22.6)       |
| 01-0610-0000 | ATR ATR 42/72 (w/shear)                                                              | 32.75 (8.3)       | 72 (32.7)         |
| 01-0612-0000 | Dassault Falcon 50, 50EX, 900, 900EX, 2000 & 2000EX<br>(w/tension/compression shear) | 23.5 (60)         | 37.5 (17)         |

**Specifications:** 800 Series Heavy-Duty Attachment Heads

For towbars listed on page 43

| Model Number  | Manufacturer/Aircraft                                              | Length<br>in (cm) | Weight<br>lb (kg) |
|---------------|--------------------------------------------------------------------|-------------------|-------------------|
| 01-0801-0010  | Bombardier Global Express                                          | 39.5 (100)        | 60 (27)           |
| *01-0803-0000 | Bombardier CRJ700, CRJ900                                          | 40 (102)          | 78 (35)           |
| 01-0806-0000  | Gulfstream GIII, GIV, GV, GVSP, G350, G400, G450, G500, G550, G650 | 34.6 (87.8)       | 83 (37.6)         |

\* See CRJ-700 01-0586-0000

# Multi-Head Towbar Systems

## Multi-Head Towbar Systems Features:

- Attachment heads easily change and securely attach to towbar in seconds (see pages 41 & 42)
- Multi-head systems save space and capital investment
- Heavy duty welded aluminum construction
- Standard 2-3/16 in (5.6 cm) I.D. towing eye
  - 2-7/8 in (7.3 cm) I.D. eyebolt insert the letter "A" as the third digit of the model number (e.g. 01**A**1202-0000)
  - 3 in (7.62 cm) I.D. eyebolt insert the letter "B" as the third digit of the model number (e.g. 01**B**1202-0000)
- Positive locking pin secures attachment heads to towbar
- Both towbar and attachments adhere to aircraft manufacturer's towing specifications
- Finish: Durable Powder Coat Tronair Blue



## Additional Standard Multi-Head Towbar Systems Features:

- Shock absorber protects nose gear during towing operation
- Pneumatic wheels to absorb towing speed shock
- Handles positioned in front and rear to lift towbar into position

## Accessories:

- **K-3785** - Rear Impact Caster Kit
- **K-4074** - Towbar Hydraulic Lift Kit for towbar with 3 1/2" diameter tube
- **K-4075** - Towbar Hydraulic Lift Kit for towbar with 4" diameter tube
- **K-4076** - Towbar Hydraulic Lift Kit for towbar with 4 1/2" diameter tube



CE

## Additional Heavy Duty Multi-Head Towbar Systems Features:

- Heavy duty shock assembly with single spring for nose gear protection during towing operation
- 9 in (23 cm) pneumatic wheels with steel bearings and movable truck assembly
- Upright handle makes lifting easier

## Accessories:

- **K-3785** - Rear Impact Caster Kit
- **K-4076** - Towbar Hydraulic Lift Kit for towbar with 4 1/2" diameter tube
- **K-4187** - 500 Series Head Adaptor Kit (01-1270-0010 ONLY)



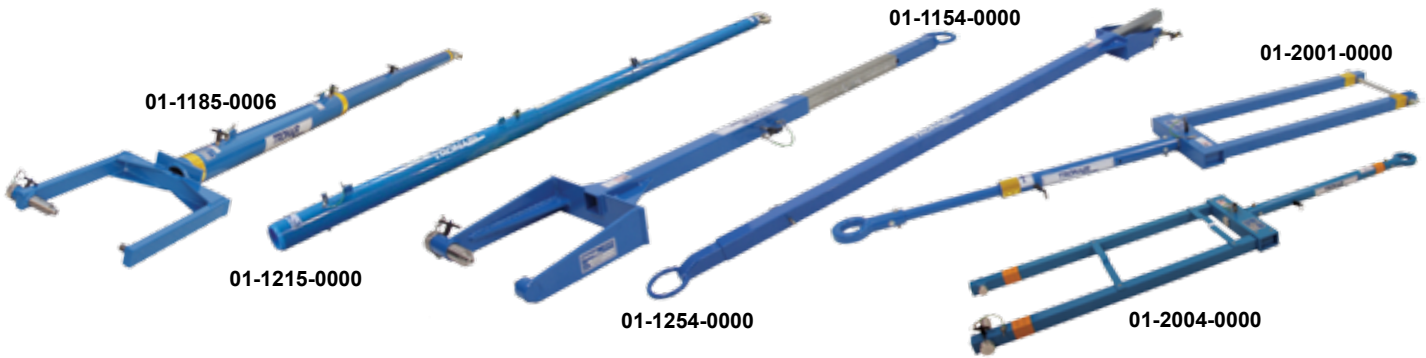
**800 Series Heads Only**  
01-1270-0010



**400, 500, 600 & 800 Series Heads**  
01-1290-0100

## Specifications:

| Model Number | Aircraft Weight Capacity<br>lb (kg) | System     | Length<br>in (cm) | Width<br>in (cm) | Weight<br>lb (kg) | Wheel Size<br>in (cm) |
|--------------|-------------------------------------|------------|-------------------|------------------|-------------------|-----------------------|
| 01-1201-0010 | 75,000 (34,019)                     | Standard   | 127 (323)         | 22 (56)          | 102 (46.3)        | 9 (22.9)              |
| 01-1201-0011 | 75,000 (34,019)                     | Standard   | 127 (323)         | 21.5 (55)        | 102 (46.3)        | 6 (15.2)              |
| 01-1202-0000 | 66,000 (29,937)                     | Standard   | 127 (323)         | 22 (56)          | 92 (42)           | 9 (22.9)              |
| 01-1270-0010 | 125,000 (56,699)                    | Heavy Duty | 128 (325)         | 23 (58)          | 122 (55)          | 10.6 (26.9)           |
| 01-1290-0100 | 125,000 (56,699)                    | Heavy Duty | 128 (325)         | 24 (61)          | 155 (70)          | 9 (22.9)              |
| 01-1329-0000 | 75,000 (34,019)                     | Standard   | 159 5/8 (405)     | 23 (58.4)        | 132 (60)          | 10.6 (26.9)           |



## Standard Features:

- Compact to provide away from home towing capacity
- Shear protection is included when required by aircraft manufacturer
- Lightweight
- Finish: Durable Powder Coat Tronair Blue

## CE Approved Portable Towbars:

Insert a "C" as the eighth digit (e.g. 01-2001C0000)



## Specifications:

| Model Number                                 | Manufacturer/Aircraft                                  | Material | Closed<br>in (cm) | Extended<br>in (cm) | Weight<br>lb (kg) | Shear<br>Protection |
|----------------------------------------------|--------------------------------------------------------|----------|-------------------|---------------------|-------------------|---------------------|
| 01-1127-0006                                 | Sikorsky S-76                                          | Steel    | 45 (114)          | 64 (163)            | 25 (11)           | No                  |
| 01-1134-0006                                 | Bell 222, 230, 430                                     | Steel    | 40 (102)          | 60 (152)            | 25 (11)           | No                  |
| 01-1148-0000                                 | Eurocopter Dauphin AS 365N                             | Steel    | 47 (119)          | 66 (168)            | 31 (14)           | No                  |
| 01-1154-0000                                 | Agusta A-109 (all)                                     | Steel    | 41 (104)          | 60 (152)            | 28 (13)           | No                  |
| 01-1185-0006                                 | Sikorsky S-61, Blackhawk                               | Aluminum | 55 (140)          | 120 (306)           | 65 (30)           | No                  |
| 01-1196-0010                                 | Bombardier Challenger 600, 601, 604                    | Aluminum | 73 (185)          | 92 (234)            | 46 (21)           | Yes                 |
| 01-1215-0000                                 | Universal                                              | Aluminum | 57 (145)          | 120 (305)           | 41 (19)           | No                  |
| (by use of attachment head) see pgs. 39 & 40 |                                                        |          |                   |                     |                   |                     |
| 01-1216-0000                                 | Universal                                              | Aluminum | 57 (145)          | 89 (226)            | 28 (13)           | No                  |
| (by use of attachment head) see pgs. 39 & 40 |                                                        |          |                   |                     |                   |                     |
| * 01-1221-0006                               | Sikorsky S-70, Jayhawk                                 | Aluminum | 67 (170)          | 290 (737)           | 130 (59)          | No                  |
| 01-1227-0000                                 | Piaggio Avanti P-180                                   | Steel    | 61 (155)          | 102 (259)           | 56 (25)           | No                  |
| 01-1232-0000                                 | Bell 412 (w/ retractable landing gear)                 | Steel    | 49 (124)          | 75 (191)            | 25 (11)           | No                  |
| * 01-1236-0000                               | Fokker 70, 100                                         | Aluminum | 85 (216)          | 180 (457)           | 155 (70)          | Yes                 |
| 01-1239-0000                                 | Bombardier Learjet 23, 24, 31, 31A, 35, 55             | Steel    | 44 (112)          | 76 (193)            | 30 (14)           | No                  |
| * 01-1253-0000                               | Gulfstream GII, GIII, GIV, GIVSP, G300, G400           | Aluminum | 52 (132)          | 61 (155)            | 41 (19)           | Yes                 |
| 01-1254-0000                                 | Pilatus PC-12                                          | Steel    | 70 (178)          | 120 (305)           | 32 (15)           | No                  |
| * 01-1261-0000                               | Gulfstream GII-GV                                      | Aluminum | 50 (127)          | 86 (218)            | 55.5 (25)         | No                  |
| 01-1271-0000                                 | Gulfstream Galaxy G-200                                | Aluminum | 71 (180)          | 148 (376)           | 51 (23)           | No                  |
| * 01-1275-0010                               | Bombardier Global Express                              | Aluminum | 52 (132)          | 90 (229)            | 56 (25)           | Yes                 |
| 01-1282-0010                                 | Bombardier CRJ-700                                     | Aluminum | 77 (196)          | 112 (285)           | 55 (25)           | Yes                 |
| ** 01-1287-9000                              | General Dynamics F-16                                  | Aluminum | 85 (215)          | 239 (606)           | 190 (86)          | No                  |
| Lockheed Martin F-16                         |                                                        |          |                   |                     |                   |                     |
| 01-1292-0000                                 | Cessna Citation III, VI, VII, X, 750, Sovereign, Excel | Aluminum | 87 (221)          | 123 (312)           | 56 (25)           | No                  |
| * 01-1296-0000                               | Bombardier Challenger 300                              | Aluminum | 56 (142)          | 119 (302)           | 61 (28)           | Yes                 |
| 01-1328-0000                                 | Bombardier CRJ-900                                     | Aluminum | 72 (183)          | 111 (282)           | 78.5 (36)         | Yes                 |
| * 01-1332-0000                               | Embraer Lineage                                        | Aluminum | 58 (147)          | 211 (536)           | 177.1 (80.3)      | Yes                 |
| * 01-1339-0000                               | Eurocopter Dauphin AS365N                              | Aluminum | 58 (147)          | 146 (371)           | 91 (41)           | No                  |
| * 01-2007-0000                               | Embraer Phenom 300                                     | Steel    | 36 (91)           | 92 (234)            | 30.5 (14)         | Yes                 |
| 01-2000-0000                                 | Adam A500, A700                                        | Aluminum | 38 (96.5)         | 87.5 (222.3)        | 15 (6.9)          | No                  |
| 01-2001-0000                                 | Eclipse 500                                            | Aluminum | 35.4 (89.9)       | 75.5 (192)          | 13.5 (6)          | No                  |
| 01-2002-0000                                 | Embraer Phenom 100                                     | Aluminum | 31.5 (80)         | 87.6 (222.6)        | 25 (11)           | Yes                 |
| 01-2004-0000                                 | Cessna Mustang 510                                     | Aluminum | 38 (96.5)         | 87.5 (222.3)        | 15 (6.9)          | No                  |
| 01-2006-0000                                 | Piaggio P-180                                          | Aluminum | 61.5 (156)        | 105.5 (268)         | 25 (11)           | No                  |
| * 01A1275-0020                               | Bombardier Global Express                              | Aluminum | 54 (137)          | 96 (244)            | 59 (27)           | Yes                 |
| * 01A1302-0000                               | Embraer ERJ-170, ERJ-190                               | Aluminum | 65 (166)          | 207 (526)           | 150 (68)          | Yes                 |

\* Multiple section towbars, closed length is the length of the longest section

\*\* Multiple section towbar, closed length is the length of the longest section, finish on this towbar is Powder Coat Olive Drab

**Closed** - is the overall length of the unit when closed

**Extended** - is the length from the center of the towing eye to the center of the sliding pins

## Custom Towbars



### Standard Features:

- Positive locking mechanism to aircraft tow point
- Heavy duty shock assembly with 2<sup>3</sup>/<sub>16</sub> in (5.6 cm) towing eye (to substitute a 2<sup>7</sup>/<sub>8</sub> in (7.3 cm) I.D. eyebolt insert the letter "A" as the third digit of the model number, e.g. 01A1212-0010)
- Handles provided to lift towbar into position
- Unpainted surfaces plated to resist corrosion
- Finish: Durable Powder Coat Tronair Blue

### Accessories:

- **K-4074** - Landing Gear Assembly Kit for towbar with 3 1/2" diameter tube
- **K-4075** - Landing Gear Assembly Kit for towbar with 4" diameter tube
- **K-4076** - Landing Gear Assembly Kit for towbar with 4 1/2" diameter tube
- **K-4499** - Converts 01-1308-0000 to 01-1308-0010 (accommodates new nose gear widths)

### Special Features:

- 1 Radial shear
- 2 Tension/compression shear
- 3 Pneumatic tires
- 4 Solid tires
- 5 Rear casters
- 6 Movable front wheel assembly
- 7 Remote linkage connecting rod
- 8 Hydraulic actuated wheel assembly

### Specifications:

| Model Number  | Manufacturer/Aircraft                                         | Material | Shock | Length<br>in (cm) | Weight<br>lb (kg) | Special<br>Features |
|---------------|---------------------------------------------------------------|----------|-------|-------------------|-------------------|---------------------|
| 01-1101-0000  | Cessna Citation I, II, V, S/II, CJ1, CJ2, Citation Jet, Ultra | Aluminum | Yes   | 143 (363)         | 88 (40)           | 2, 3, 7             |
| 01-1102-0010  | Bombardier Learjet (all)                                      | Aluminum | Yes   | 140 (356)         | 83 (38)           | 2, 3, 6             |
| 01-1106-0000  | Gulfstream GI, GII, GIII, GIV, GIV-SP, G300, G400             | Aluminum | Yes   | 144 (366)         | 120 (54)          | 2, 3, 5             |
| 01-1124-0000  | BAe BAC I-II                                                  | Steel    | No    | 223 (566)         | 228 (103)         | 3, 6                |
| 01-1127-0000  | Sikorsky S-76                                                 | Aluminum | Yes   | 83 (211)          | 68 (31)           | 3, 7                |
| 01-1155-0000  | Fairchild Dornier 228                                         | Aluminum | Yes   | 102 (259)         | 76 (34)           | 1, 3, 5             |
| 01-1161-0009  | BAe 146, RJ70, RJ85                                           | Steel    | N/A   | 142 (361)         | 145 (66)          | 2, 3, 6             |
| 01-1176-0010  | Fokker F-28                                                   | Steel    | Yes   | 178 (452)         | 148 (67)          | 2, 3, 6             |
| 01-1182-0010  | Lockheed Jetstar                                              | Aluminum | Yes   | 185 (460)         | 120 (54)          | 3, 5, 6             |
| 01-1183-0000  | Dassault Falcon 10-100, 20-200                                | Aluminum | Yes   | 141 (358)         | 126 (57)          | 1, 2, 3, 5, 6       |
| 01-1185-0011  | Boeing Apache AH 64<br>Sikorsky S-61, UH-60A (S-70C)          | Aluminum | Yes   | 193 (490)         | 142 (64)          | 3, 5, 6             |
| 01-1186-0000  | Bombardier Challenger 600, 601, 604                           | Aluminum | Yes   | 141 (358)         | 118 (54)          | 1, 2, 3, 5, 6       |
| 01-1187-0011  | Saab SF-340                                                   | Aluminum | Yes   | 143 (363)         | 110 (50)          | 2, 3, 5, 6          |
| 01-1189-0012  | Casa CN-235                                                   | Aluminum | Yes   | 146 (366)         | 128 (58)          | 2, 3, 6             |
| 01-1193-0010  | BAe ATP                                                       | Aluminum | Yes   | 138 (351)         | 130 (59)          | 1, 3, 5, 6          |
| *01-1208-9011 | General Dynamics F-16<br>Lockheed Martin F-16                 | Aluminum | No    | 238.8 (606.4)     | 135 (61)          | 3, 5, 6             |
| 01-1210-0010  | Eurocopter HH-65A Dolphin, SA-366G-1                          | Aluminum | Yes   | 172 (429)         | 94 (43)           | 3, 7                |
| 01-1211-0010  | Dassault Falcon 50, 50EX, 900, 900EX, 2000, 2000EX            | Aluminum | Yes   | 140 (358)         | 126 (57)          | 1, 2, 3, 5, 6       |
| 01-1220-0000  | Sikorsky S-76                                                 | Steel    | No    | 89 (226)          | 54 (25)           | ---                 |
| 01-1224-0010  | Lockheed C-130                                                | Aluminum | No    | 163 (414)         | 130 (59)          | 3, 6                |
| 01-1229-0011  | Bombardier CRJ-100/200<br>Hawker (Beech) Hawker 4000          | Aluminum | Yes   | 146 (371)         | 120 (54)          | 1, 2, 3, 6          |
| 01-1231-0000  | Alenia C-27J, G222                                            | Aluminum | No    | 187.5 (476)       | 168 (76)          | 2, 3, 6             |
| 01-1234-0010  | Saab 2000                                                     | Aluminum | Yes   | 143 (363)         | 140 (64)          | 2, 3, 5, 6          |
| 01-1242-0000  | Sikorsky Blackhawk S-70L, HH-60H, Seahawk SH-60B              | Aluminum | Yes   | 290 (737)         | 180 (82)          | 3, 5                |
| 01-1244-0000  | Sikorsky S76C                                                 | Steel    | No    | 55 (140)          | 27 (12)           | ---                 |

\*The Finish on this towbar is Powder Coat Olive Drab.





## Specifications:

| Model Number  | Manufacturer/Aircraft                                                                      | Material | Shock | Length<br>in (cm) | Weight<br>lb (kg) | Special<br>Features |
|---------------|--------------------------------------------------------------------------------------------|----------|-------|-------------------|-------------------|---------------------|
| 01-1259-0000  | Hawker Beechcraft King Air, Queen Air<br>Sino Swearingen SJ30-2                            | Steel    | No    | 136 (345)         | 85 (38.5)         | 4, 6                |
| *01-1261-0011 | Gulfstream GII-GV                                                                          | Aluminum | No    | 111 (282)         | 77 (35)           | ---                 |
| 01-1262-0000  | Gulfstream Astra, G100,<br>IAI Westwind                                                    | Steel    | No    | 142 (361)         | 85 (39)           | 3                   |
| 01-1263-0000  | Fairchild Dornier Metro III, IV                                                            | Steel    | No    | 136 (345)         | 86 (39)           | 4, 6                |
| 01-1264-0000  | Cessna Citation I, II                                                                      | Steel    | No    | 138 (351)         | 85 (38.5)         | 4, 6                |
| 01-1269-0020  | Bombardier Global Express                                                                  | Aluminum | Yes   | 152 (381)         | 173 (79)          | 2, 3, 6             |
| 01-1272-0000  | Gulfstream G150, G200 (Galaxy)                                                             | Aluminum | Yes   | 178 (452)         | 126 (57)          | 3, 5, 6             |
| 01-1274-0030  | Gulfstream V, V-SP, G350, G450, G500, G550                                                 | Aluminum | Yes   | 144 (366)         | 175 (79)          | 2, 3, 6             |
| 01-1280-0000  | Casa C-295                                                                                 | Aluminum | Yes   | 153 (386)         | 180 (82)          | 1, 2, 3, 6          |
| 01-1281-0010  | Bombardier CRJ-700/900                                                                     | Aluminum | Yes   | 153 (381)         | 200 (91)          | 1, 2, 3, 6          |
| 01-1285-0000  | Sikorsky S-76                                                                              | Steel    | No    | 85 (216)          | 54 (25)           | 4, 7                |
| 01-1291-0010  | Cessna Bravo, Ultra, Citation III, VI, VII<br>Citation X, 750, Excel, Sovereign Series 680 | Aluminum | Yes   | 138 (351)         | 116 (53)          | 2, 3, 6             |
| 01-1297-0100  | Embraer ERJ 170/190                                                                        | Aluminum | Yes   | 206 (533)         | 250 (113)         | 1, 2, 3, 8          |
| 01-1299-0000  | Cessna Excel 560                                                                           | Aluminum | No    | 80 (240)          | 30 (14)           | ---                 |
| 01-1300-0000  | Dassault Falcon 10-100, 20-200                                                             | Aluminum | Yes   | 181 (460)         | 140 (64)          | 1, 3, 5, 6          |
| 01-1305-0000  | Bombardier Canadair CRJ-700                                                                | Steel    | No    | 149 (378)         | 145 (66)          | 1, 2, 4, 6          |
| 01-1308-0010  | General Atomics MQ-1 Predator, Predator B<br>(NSN 1730015459830)                           | Steel    | No    | 144 (366)         | 59 (27)           | 1, 2, 4, 5          |
| 01-1310-0000  | Casa CN235                                                                                 | Steel    | Yes   | 146 (371)         | 190 (86)          | 2, 3                |
| 01-1317-0000  | Airbus A380-700, 800, 800F, 800R, 900                                                      | Steel    | No    | 144 (366)         | 700 (317.5)       | 1, 3, 8             |
| 01-1324-0000  | Embraer Phenom 100                                                                         | Steel    | No    | 87.5 (222)        | 23 (10)           | 1, 2                |
| 01-1325-0100  | Sikorsky S-92/H-92                                                                         | Steel    | No    | 176 (448)         | 240 (109)         | 2, 3, 8             |
| 01A326-0100   | Sukhoi SJ100                                                                               | Aluminum | Yes   | 162 (411)         | 307 (139)         | 1, 2, 3, 8          |
| 01-1333-0000  | Grob G120A                                                                                 | Steel    | Yes   | 95.7 (243)        | 45 (20.4)         | ---                 |
| 01-1335-0000  | Boeing CH-47 Chinook                                                                       | Aluminum | No    | 99.8 (253.5)      | 36 (16.3)         | ---                 |
| 01-1336-0000  | Embraer Lineage                                                                            | Aluminum | Yes   | 209.3 (531.7)     | 233 (105.7)       | 1, 2, 3, 8          |
| 01-1338-0000  | Eurocopter Dauphin AS365N                                                                  | Steel    | No    | 145 (368)         | 151 (68.5)        | ---                 |
| 01-1342-0000  | KAI KUH                                                                                    | Steel    | Yes   | 158.75 (403)      | 155 (70)          | 2, 3, 6             |
| 01-1354-0100  | Gulfstream G150, G200, G280                                                                | Aluminum | Yes   | 181.44 (460.9)    | 160 (72.6)        | 3, 5, 8             |

## Narrow and Wide Body Towbars

### Standard Features:

- Positive locking mechanism to aircraft tow point
- Hydraulic retractable undercarriage
- Tension/compression shear
- 3" (7.62 cm) towing eye
- Unpainted surfaces zinc plated to resist corrosion
- Finish: Yellow



### Specifications:

| Model Number  | Manufacturer/Aircraft                 | Head Style | Material | Length in (cm) | Weight lb (kg) |
|---------------|---------------------------------------|------------|----------|----------------|----------------|
| 01-1165-0012  | Boeing 737-100/200                    | Pin        | Aluminum | 180 (457)      | 350 (159)      |
| 01-1166-0010  | Boeing DC-9/10-50                     | Pin        | Steel    | 170 (432)      | 210 (96)       |
|               | McDonnell Douglas DC-9/10-50, MD80    |            |          |                |                |
| 01-1204-0010  | Boeing 747                            | Clamp      | Steel    | 132 (335)      | 680 (308)      |
| 01-1205-0010  | Boeing 757                            | Clamp      | Aluminum | 205 (520)      | 350 (159)      |
| 01-1207-0010  | Airbus A330-200/300, A340-200/300     | Clamp      | Steel    | 144 (366)      | 650 (295)      |
|               | Boeing 767, 787                       |            |          |                |                |
|               | Lockheed Martin 1011                  |            |          |                |                |
|               | McDonnell Douglas DC-10               |            |          |                |                |
| 01-1225-0010  | Airbus A300/310                       | Pin        | Aluminum | 144 (366)      | 350 (159)      |
| 01-1226-0010  | Airbus A318, A319, A320, A321         | Clamp      | Aluminum | 212 (538)      | 350 (159)      |
| 01-1246-0010  | Boeing 737-300/900                    | Clamp      | Aluminum | 210 (533)      | 350 (159)      |
| 01-1247-0000  | Boeing 727-100/200                    | Pin        | Aluminum | 205 (520)      | 350 (159)      |
| 01-1267-0000  | Boeing 717, DC-9/10-50                | Pin        | Steel    | 165 (419)      | 300 (136)      |
|               | McDonnell Douglas DC-9/10-50, MD-80   |            |          |                |                |
| 01-1301-0000  | Airbus A340-500/600                   | Clamp      | Steel    | 132 (335)      | 650 (295)      |
| 01-1317-0000  | Airbus A380-700, 800, 800F, 800R, 900 | Clamp      | Steel    | 144 (366)      | 700 (317.5)    |
| 01-1318-0000  | Boeing 707                            | Swivel Pin | Aluminum | 205 (520)      | 350 (159)      |
| 01-1319-0000  | Boeing 737-100/200                    | Clamp      | Aluminum | 180 (457)      | 350 (159)      |
| 01-1321-0000  | Airbus A300/310                       | Clamp      | Aluminum | 144 (366)      | 350 (159)      |
| 01-1322-0000  | Various dependant upon head           | Multi-Head | Aluminum | 216 (549)      | 350 (159)      |
| *01-1323-0000 | Various dependant upon head           | Multi-Head | Aluminum | 180 (457)      | 300 (136)      |
| 01-1340-0100  | Boeing 777                            | Clamp      | Steel    | 144 (366)      | 650 (295)      |
| 01-1359-0100  | Boeing 737-100/900                    | Clamp      | Aluminum | 213 (541)      | 325 (147)      |

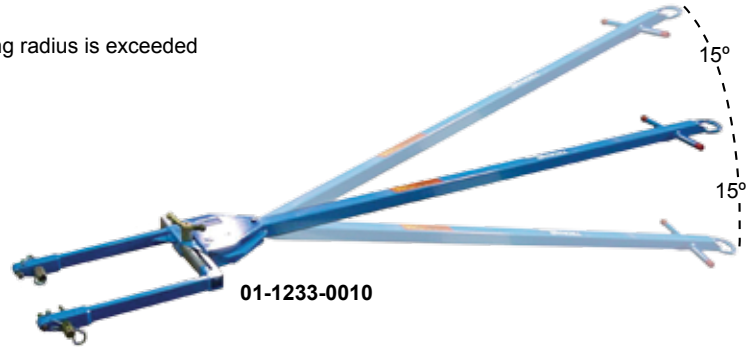
\* Portable Towbar

### Specifications:

| Attachment Heads<br>For 01-1322-0000 Multi-Head Towbar |                               |            | Attachment Heads<br>For 01-1323-0000 Portable Multi-Head Towbar |                               |                   |
|--------------------------------------------------------|-------------------------------|------------|-----------------------------------------------------------------|-------------------------------|-------------------|
| Model Number                                           | Manufacturer/Aircraft         | Head Style | Model Number                                                    | Manufacturer/Aircraft         | Head Style        |
| 01-0701-0000                                           | Airbus A318, A319, A320, A321 | Clamp      | 01-0707-0000                                                    | Boeing 737-100/200            | Clamp             |
| 01-0702-0000                                           | Boeing 737                    | Clamp      | 01-0708-0000                                                    | Boeing 737                    | Pin               |
| 01-0703-0000                                           | Boeing 737                    | Pin        | 01-0709-0000                                                    | Boeing 737                    | Long Handle Clamp |
| 01-0704-0000                                           | Boeing 757                    | Clamp      | 01-0710-0000                                                    | Airbus A318, A319, A320, A321 | Clamp             |
| 01-0705-0001                                           | Boeing 727                    | Pin        | 01-0711-0000                                                    | Boeing 757                    | Clamp             |
| 01-0705-0002                                           | Airbus A300                   | Pin        | 01-0712-0000                                                    | Boeing 727                    | Pin               |
| 01-0705-0003                                           | Airbus A300                   | Pin        |                                                                 |                               |                   |
|                                                        | Boeing 727                    |            |                                                                 |                               |                   |
| 01-0706-0000                                           | Boeing DC-9, MD-80            | Pin        |                                                                 |                               |                   |
| 01-0713-0000                                           | Boeing 727                    | Clamp      |                                                                 |                               |                   |

## Standard Features:

- Patented snap-back feature allows towbar to flex when safe turning radius is exceeded
- Self-centering spring reduces stress to landing gear
- Designed to tow from manufacturer's recommended towing point
- Positive locking mechanism to aircraft
- Sturdy welded steel construction
- Lightweight for ease of carrying
- 3 in (7.6 cm) towing eyelet
- Finish: Durable Powder Coat Tronair Blue



## Specifications:

| Model Number | Manufacturer/Aircraft                                                                                                                                                                                                                                                                     | Capacity<br>lb (kg) | Length<br>in (cm)                    | Weight<br>lb (kg) |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------|-------------------|
| 01-1109-0010 | <b>Fairchild Dornier</b> Merlin II<br><b>Sino Swearingen</b> SJ30-2<br><b>Raytheon</b> Beech 99, 1900, C-12, T-34C, T-42A, U-21 A/G, King Air, Queen Air, Starship<br><b>Universal Towbar</b>                                                                                             | 15,000 (6,804)      | 88 (224)                             | 37.4 (17)         |
| 01-1112-0010 | <b>Cessna</b> Bravo, Cardinal RG, Citation I, II, V, S/II, 310, 320, 337 Skymaster, 340, 401, 402, 411, 414, 421, 414A, 421C<br><b>Gulfstream</b> Turbo Commander, Aero Commander<br><b>Mooney</b> all<br><b>Piper</b> Cheyenne I, II & III, Chieftain, Navajo<br><b>Universal Towbar</b> | 16,000 (7,258)      | 86 (218)                             | 37 (17)           |
| 01-1122-0010 | <b>Various</b>                                                                                                                                                                                                                                                                            | 7,500 (3,402)       | 92 (234)                             | 28 (13)           |
| 01-1170-0010 | <b>Cessna</b> Caravan                                                                                                                                                                                                                                                                     | 8,750 (3,969)       | 109 (227)                            | 35 (16)           |
| 01-1222-0000 | <b>Piaggio</b> P-180                                                                                                                                                                                                                                                                      | 1,100 (499)         | 104 (264)                            | 44 (20)           |
| 01-1233-0010 | <b>Aerospatiale</b> TMB-700 (requires adaptor kit K-2200)<br><b>Cessna</b> 150, 152, 172, 177, 180, 182, 185, 206, 207, 210 (180, 185 requires adaptor kit K-2041)<br><b>Piper</b> Aztec, Cherokee, Comanche, Seneca<br><b>Raytheon</b> Baron, Duke<br><b>Universal Towbar</b>            | 7,500 (3,402)       | 95 (241)                             | 35 (16)           |
| 01-1273-0010 | <b>Raytheon</b> JPATS T-6A Texan II                                                                                                                                                                                                                                                       | 6,500 (2,948)       | 96 (244)                             | 35 (16)           |
| 01-1283-0000 | <b>Raytheon</b> JPATS T-6A Texan II (with pneumatic tires)                                                                                                                                                                                                                                | 6,500 (2,948)       | 96 (244)                             | 45 (20)           |
| 01-1298-0000 | <b>Eclipse</b> 500                                                                                                                                                                                                                                                                        | 7,500 (3,402)       | 86 (218)                             | 25 (11)           |
| 01-1313-0000 | <b>Diamond</b> DA20, DA40                                                                                                                                                                                                                                                                 | 1,764 (800)         | 75 <sup>7</sup> / <sub>8</sub> (192) | 22 (10)           |

## Portable Snap-Bak Towbars

## Standard Features:

- Features are the same as above, but towbar may be collapsed for portability



## Specifications:

| Model Number | Manufacturer/Aircraft             | Capacity<br>lb (kg) | Length            |                     | Weight<br>lb (kg) |
|--------------|-----------------------------------|---------------------|-------------------|---------------------|-------------------|
|              |                                   |                     | Closed<br>in (cm) | Extended<br>in (cm) |                   |
| 01-1179-0010 | <b>Raytheon</b> Beechjet, Diamond | 16,000 (7,258)      | 59 (150)          | 83 (211)            | 38 (17)           |
| 01-1286-0000 | <b>Raytheon</b> Premier           | 12,500 (5,670)      | 68 (173)          | 110 (279)           | 40 (18)           |

**Closed** - is the overall length of the unit when closed

**Extended** - is the length from the center of the towing eye to the center of the sliding pins

## Ramplok and Secure Chock

### Standard Features:

Models: 99-9042-9000 (Ramplok), 99-9043-9000 (Ramplok - keyed alike)  
99-9044-7000 (Secure Chock)

- Provides theft deterrence for aircraft
- Strong rugged design assembles in seconds
- Shackless steel lock with 3 keys
- 99-9043-9000 has matching locks for multiple units (fleet protection)
- Secure your aircraft quickly and easily
- Fits 13 1/8 to 22 1/4 inch diameter tire
- Collapsible and comes with nylon carrying tote for ease of storage (Ramplok)
- Required by the state of New Jersey (Secure Chock)
- Finish: Anodized Bright Blue (Ramplok)
- Finish: Painted Bright Red (Secure Chock)



### Specifications:

| Model Number                               | Length<br>in (cm)       | Width<br>in (cm)   | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------------------------------|-------------------------|--------------------|-------------------|-------------------|
| 99-9042-9000/99-9043-9000 (Packed) .....   | 27 (69).....            | 9 (23).....        | 2 (5).....        | 12 (5)            |
| 99-9042-9000/99-9043-9000 (Assembled)..... | 23-31 3/4 (58-81) ..... | 10 (25).....       | 8 (20).....       | 12 (5)            |
| 99-9044-7000 .....                         | 29 (73.7).....          | 8 3/4 (22.2) ..... | 9 (22.9).....     | 11 (5)            |

## Wheel Chocks



### Specifications:

| Model Number       | Color                           | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|---------------------------------|-------------------|------------------|-------------------|-------------------|
| 99-9008-6000 ..... | Black .....                     | 4 (10).....       | 18 (46).....     | 3 (8).....        | 7 (3)             |
| 99-9010-6000 ..... | Black .....                     | 8 (20).....       | 9 (23).....      | 6 (15).....       | 19 (9)            |
| 99-9015-6000 ..... | Black .....                     | 5 (13).....       | 18 (46).....     | 5 (13).....       | 16 (7)            |
| 99-9016-6000 ..... | Yellow.....                     | 5 (13).....       | 18 (46).....     | 5 (13).....       | 16 (7)            |
| 99-9016-6030 ..... | Yellow.....                     | 5 (13).....       | 30 (76).....     | 5 (13).....       | 29 (13)           |
| 99-9028-6000 ..... | Black with Orange Stripe.....   | 6 (15).....       | 12 (31).....     | 6 (15).....       | 20 (9)            |
| 99-9028-6024 ..... | Black with Orange Stripe.....   | 6 (15).....       | 24 (61).....     | 6 (15).....       | 40 (18)           |
| 99-9028-6036 ..... | Black with Orange Stripe.....   | 6 (15).....       | 36 (91).....     | 6 (15).....       | 60 (27)           |
| 99-9029-6000 ..... | Yellow with Orange Stripe ..... | 6 (15).....       | 12 (31).....     | 6 (15).....       | 20 (9)            |

## Covers



### Specifications:

| Model Number       | Manufacturer/Aircraft              | Cover Application                | Length<br>in (cm) | Width<br>in (cm)  | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|------------------------------------|----------------------------------|-------------------|-------------------|-------------------|-------------------|
| 99-7099-6000 ..... | Gulfstream G280 .....              | APU Exhaust.....                 | 12 (30.48).....   | 6 (15.24).....    | 4.25 (10.8).....  | 7.5 (3.4)         |
| 99-7100-6000 ..... | Gulfstream G280 .....              | Vertical Fin Ram Air Scoop ..... | 4.3 (10.9).....   | 7.5 (19).....     | 11 (27.94).....   | 6 (2.7)           |
| 99-7101-6000 ..... | Gulfstream G280 .....              | EDS Heat Exchange .....          | 5.3 (13.5).....   | 5.5 (13.97).....  | 1.75 (4.4).....   | 1.3 (.29)         |
| 99-7102-6000 ..... | Gulfstream G280 .....              | Wing NACA Scoop.....             | 7 (17.78).....    | 4.5 (11.43).....  | 2.19 (5.6).....   | 1 (.45)           |
| 99-7108-6000 ..... | Gulfstream G280 .....              | Wing NACA Scoop.....             | 6.13 (15.6).....  | 4.5 (11.43).....  | 2.19 (5.6).....   | .8 (.36)          |
| 99-7103-6000 ..... | Gulfstream G280 .....              | Ice Detector AOA TAT .....       | 4.3 (10.9).....   | 8.5 (21.59).....  | 9.9 (25.1).....   | 1 (.45)           |
| 99-7107-6000 ..... | Gulfstream G280 .....              | Static (Left & Right).....       | 1.4 (3.6).....    | 14.9 (37.8).....  | 16 (40.6).....    | 1 (.45)           |
| 99-7110-6000 ..... | Gulfstream G280 .....              | Outflow Valve.....               | 1.6 (4.1).....    | 10.75 (27.3)..... | 10.5 (26.7).....  | 1.3 (.59)         |
| 99-7111-6000.....  | Gulfstream G280 .....              | Air Cycle Machine Outlet.....    | 1.75 (4.4).....   | 7.9 (20.1).....   | 8.75 (22.2).....  | 1 (.45)           |
| 99-8133-6000 ..... | Bombardier deHavilland Dash 8..... | Engine Intake .....              | 25 (63.5).....    | 10.5 (26.7).....  | 4.25 ( 10.8)..... | 4.5 (2)           |



## RESERVOIR SERVICE

### Standard Features:

Model: 06-5022-6500-A7

NSN: 4940-01-504-5279

- Military Approved
- Stainless steel construction
- 2 gal (7.6 l) reservoir
- Sealed fill cap with pressure relief and vacuum breaker valves
- 2 micron filtration (Beta rating > 1000 @ 4 µm per ISO 4572)
- 200 psi (13.8 bar) maximum pressure
- 2 in (5 cm) filler port
- High displacement hand pump (13 strokes per quart)
- 15 ft (4.6 m) #6 hose with 37° JIC female swivel connector
- Bulkhead plate for installation of size #12 bulkhead quick disconnect coupling half (**coupling not included**)
- Adaptor fittings for connecting size #12, MS33656 and MS33657 quick disconnect couplings
- 8 in (20.3 cm) sight glass
- Hose storage bracket

06-5022-6500-A7



### Quick Disconnect Couplings:

| Helicopter                                                                                                                                                                      | Coupling           | Model          | NSN              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|------------------|
| *AH-64, UH-60.....                                                                                                                                                              | Coupling Half..... | N-2417-06..... | 4730-00-540-1268 |
| *AH-64, UH-60.....                                                                                                                                                              | Bulkhead Half..... | N-2705-06..... | 4730-00-541-1115 |
| *CH-47.....                                                                                                                                                                     | Coupling Half..... | N-2424-06..... | 4730-00-585-0469 |
| *CH-47.....                                                                                                                                                                     | Bulkhead Half..... | N-2559-05..... | 4730-00-729-5736 |
| * <b>Note:</b> Must purchase both a Coupling Half and Bulkhead Half. The Coupling Half attaches to hose and allows connection to either the helicopter or to the Bulkhead Half. |                    |                |                  |

## PAO SERVICE

### Standard Features:

Models: 06-5022-6500-A6

- Stainless steel construction
- 2 gal (7.6 l) reservoir
- 2 micron filtration (Beta rating > 1000 @ 4 µm per ISO 4572)
- 200 psi (13.8 bar) maximum pressure
- 2 in (5 cm) filler port
- High displacement hand pump (13 strokes per quart)
- 15 ft (4.6 m) #6 hose with 37° JIC female swivel connector
- Hose storage bracket

06-5022-6500-A6



### Standard Features:

Models: 06-5038-9B00, 06-5067-9B00

- 68 gal (257 l) capacity
- 100 psi (6.9 bar) maximum pressure
- 14 gpm maximum flow
- 2 micron filtration (Beta rating > 2000 per ISO 4572)
- High displacement pneumatic pump driven by self-contained nitrogen bottle
- 15 ft (4.6 m) #6 hose with 37° JIC female swivel connector and shut-off valve
- Front wheels lock with towbar in upright position
- Finish: Durable Powder Coat Olive Drab

06-5067-9B00



### Specifications:

| Model Number          | Fluid                           | Length<br>in (cm)   | Width<br>in (cm) | Height<br>in (cm)  | Weight<br>lb (kg) |
|-----------------------|---------------------------------|---------------------|------------------|--------------------|-------------------|
| 06-5022-6500-A7 ..... | MIL-PRF-5606/MIL-PRF-83282..... | 14.375 (36.5) ..... | 10 (26).....     | 21 (53).....       | 18 (8)            |
| 06-5022-6500-A6.....  | MIL-C-87252 .....               | 8 (21) .....        | 8 (21).....      | 20 (52).....       | 18 (8)            |
| 06-5038-9B00.....     | MIL-C-87252 .....               | 73 (185) .....      | 50 (127) .....   | 52 1/2 (133) ..... | 390 (177)         |
| 06-5067-9B00.....     | MIL-C-87252 .....               | 73 (185) .....      | 50 (127) .....   | 52 1/2 (133) ..... | 390 (177)         |

# Hydraulic & Engine Oil Servicing Equipment

## Standard Features:

**Models:** 06-5009-6500, 06-5009-6600, 06-5009-6800  
06-5010-6500, 06-5010-6600, 06-5010-6800  
06-5077-67000

- ASME certified stainless steel reservoir
- 06-5009-Series: 2.5 gal (9.5 l)
- 06-5010-Series: 6 gal (28 l)
- 2 micron filtration (Beta rating > 1000 @ 4 µm per ISO 4572)
- 100 psi (6.9 bar) certified pressure gauge
- 85 psi (5.9 bar) maximum pressure
- 125 psi (8.6 bar) safety pop off valve
- 15 ft (4.6 m) #4 hose with 37° JIC female swivel connector, shut off valve and filler tube
- 8 in (20 cm) semi-pneumatic tires - Model 06-5010 only

06-5010-Series

06-5009-Series

## Standard Features:

**Models:** 06-5020-1500, 06-5020-1800, 06-5020-3600  
06-5043-1500, 06-5043-1800, 06-5043-3600

- Sturdy welded steel construction
- 16 gauge sheet metal weather proof cabinet
- 06-5043 Series: 15 gal (56.8 l) corrosion resistant reservoir
- 06-5020 Series: Holds two 5 gallon buckets
- 2 micron filtration (Beta rating > 2000 per ISO 4572)
- 150 psi (10.3 bar) maximum pressure
- High displacement hand pump (13 strokes per quart)
- 15 ft (4.6 m) #6 hose with 37° JIC female swivel connector
- Front wheels lock with towbar in upright position
- 10 in (25 cm) pneumatic tires
- Finish: Durable Powder Coat Tronair Blue

06-5043-Series

06-5021-Series

## Standard Features:

**Models:** 06-5021-1500, 06-5021-1800, 06-5021-3600

- Pump directly from 5 gallon container
- 2 micron filtration (Beta rating > 2000 per ISO 4572)
- 200 psi (13.8 bar) maximum pressure
- High displacement hand pump (13 strokes per quart)
- 15 ft (4.6 m) #6 hose with 37° JIC female swivel connector
- 06T5021-1500 and 06T5021-3600 adds a Totalizer to unit
- Finish: Durable Powder Coat Tronair Blue

## Standard Features:

**Models:** 06-5022-6500, 06-5022-6600, 06-5022-6800

- Stainless steel construction
- 2 gal (7.6 l) reservoir
- 2 micron filtration (Beta rating > 1000 @ 4 µm per ISO 4572)
- 200 psi (13.8 bar) maximum pressure
- 2 in (5 cm) filler port
- High displacement hand pump (13 strokes per quart)
- 15 ft (4.6 m) #6 hose with 37° JIC female swivel connector
- Hose storage bracket

06-5022-Series

## Standard Features:

**Models:** 06-5024-3510, 06-5024-3610, 06-5024-3800  
06T5024-3510, 06T5024-3610, 06T5024-3800

- Sturdy welded steel construction
- Attaches to any 55 U.S. gallon drum
- 2 micron filtration (Beta rating > 2000 per ISO 4572)
- 100 psi (6.9 bar) maximum pressure
- 14 gpm maximum flow
- 15 ft (4.6 m) #6 hose with 37° JIC female swivel connector
- Shut off valve at hose end
- Operates off shop air
- Optional drum dolly (H-1726)
- 06T5024-3510, 06T5024-3610, 06T5024-3800 adds a Totalizer to unit
- Finish: Durable Powder Coat Tronair Blue

06-5024-Series  
(shown mounted)

## Standard Features:

**Models: 06-5025-1512, 06-5025-3610**

- 68 gal (257 l) capacity
- 100 psi (6.9 bar) maximum pressure
- 14 gpm maximum flow
- 2 micron filtration (Beta rating > 2000 per ISO 4572)
- High displacement pneumatic pump driven by self-contained nitrogen bottle
- 15 ft (4.6 m) #6 hose with 37° JIC female swivel connector and shut-off valve
- Front wheels lock with towbar in upright position
- Finish: Durable Powder Coat Tronair Blue



06-5025-Series

## Standard Features:

**Models: 06-5042-0500, 06-5042-0800, 06-5042-3600**

- Sturdy welded steel construction
- 8 gal (30.1 l) fluid resistant reservoir
- 2 micron filtration (Beta rating > 2000 per ISO 4572)
- 200 psi (13.8 bar) maximum pressure
- High displacement hand pump (13 strokes per quart)
- 15 ft (4.6 m) #6 hose with 37° JIC female swivel connector
- 8 in (20 cm) semi-pneumatic tires
- Finish: Durable Powder Coat Tronair Blue



06-5042-Series

## Specifications:

See Hydraulic Couplings on pages 89 - 93

| Model Number by Fluid Type |                   |                   |                                            |                                          |                                           |           |
|----------------------------|-------------------|-------------------|--------------------------------------------|------------------------------------------|-------------------------------------------|-----------|
| MIL-PRF-5606               | Phosphate         | MIL-PRF-23699     | Length                                     | Width                                    | Height                                    | Weight    |
| MIL-PRF-83282              | Ester             | MIL-PRF-87257     | in (cm)                                    | in (cm)                                  | in (cm)                                   | lb (kg)   |
| 06-5009-6500.....          | 06-5009-6600..... | 06-5009-6800..... | 10 (25).....                               | 10 (25).....                             | 17 (43).....                              | 15 (6.8)  |
| 06-5010-6500.....          | 06-5010-6600..... | 06-5010-6800..... | 17 (43).....                               | 14 (36).....                             | 44 (112).....                             | 44 (20)   |
| 06-5020-1500.....          | 06-5020-3600..... | 06-5020-1800..... | 35 <sup>1</sup> / <sub>4</sub> (89.5)..... | 28 <sup>1</sup> / <sub>2</sub> (72)..... | 38 <sup>3</sup> / <sub>8</sub> (97).....  | 250 (113) |
| 06-5021-1500.....          | 06-5021-3600..... | 06-5021-1800..... | 19 <sup>1</sup> / <sub>8</sub> (49).....   | 21 (53).....                             | 45 <sup>1</sup> / <sub>2</sub> (116)..... | 45 (20)   |
| 06T5021-1500.....          | 06T5021-3600..... | NA.....           | 19 <sup>1</sup> / <sub>8</sub> (49).....   | 21 (53).....                             | 45 <sup>1</sup> / <sub>2</sub> (116)..... | 45 (20)   |
| 06-5022-6500.....          | 06-5022-6600..... | 06-5022-6800..... | 8 (21).....                                | 8 (21).....                              | 20 (52).....                              | 18 (8)    |
| 06-5024-3510.....          | 06-5024-3610..... | 06-5024-3800..... | 28 (71).....                               | 9 (23).....                              | 15 (38).....                              | 29 (13)   |
| 06T5024-3510.....          | 06T5024-3610..... | 06T5024-3800..... | 28 (71).....                               | 12 (29).....                             | 15 (38).....                              | 29 (13)   |
| 06-5025-1512.....          | 06-5025-3610..... | NA.....           | 73 (185).....                              | 50 (127).....                            | 52 <sup>1</sup> / <sub>2</sub> (133)..... | 390 (177) |
| 06-5042-0500.....          | 06-5042-3600..... | 06-5042-0800..... | 23 (58).....                               | 19 (48).....                             | 35 (89).....                              | 60 (27)   |
| 06-5043-1500.....          | 06-5043-3600..... | 06-5043-1800..... | 45 (114).....                              | 29 (73.7).....                           | 35 (89).....                              | 250 (113) |
| Fluid Type - Touline.....  |                   | 06-5009-6800..... | 10 (25).....                               | 10 (25).....                             | 17 (43).....                              | 15 (6.8)  |

**SHIMMY DAMPER FLUID SERVICE UNIT****Standard Features:****Model: 06-5022-6C00 (Embraer)**

- Fluid servicing of shimmy damper unit on aircraft
- Designed for high viscosity silicone damper fluid
- Designed in conjunction with the airframe manufacture(s)
- Schraider valve output connector
- Stainless steel construction
- Maximum output pressure 200 psi (13.8 bar)
- Stroke Displacement 4.4 in/stroke (72.1 cc/stroke)
- 2 gal (7.6 l) reservoir
- 2 micron filtration
- 2 in (5 cm) filler port
- Hose storage bracket

**06-5022-6C00****Model: 06-5056-1D00 (Sikorsky)**

- Fluid servicing of shimmy damper unit on aircraft
- Designed for high viscosity silicone damper fluid
- Designed in conjunction with the airframe manufacture(s)
- Schraider valve output connector
- Stainless steel construction
- Maximum output pressure 125 psi (8.6 bar)
- Stroke Displacement 14.7 in/stroke (240.9 cc/stroke)
- Compressed air driven

**06-5056-1D00****CSD SERVICE CART****Standard Features:****Model: 06-5073-0800**

- MIL-PRF-23699 Fluid
- 4 gal (15 l) reservoir
- 5 gal (18.9 l) detachable waste tank
- Inline totalizer with pint graduations
- 2 micron filtration (Beta rating > 2000 per ISO 4572)
- 200 psi (13.8 bar) maximum pressure
- High displacement hand pump (13 strokes per quart)
- Supply and return couplings with stow points
- 7 ft (2 m) supply hose
- Finish: Durable Powder Coat Tronair Blue

**06-5073-0800****Specifications:**

| Model Number      | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|-------------------|-------------------|------------------|-------------------|-------------------|
| 06-5022-6C00..... | 8 (21).....       | 8 (21).....      | 20 (52).....      | 18 (8)            |
| 06-5056-1D00..... | 12 (30.5).....    | 12 (30.5).....   | 12 (30.5).....    | 9.5 (4.3)         |
| 06-5073-0800..... | 20 1/8 (51).....  | 21 (53).....     | 45 1/2 (116)..... | 50 (22.7)         |

**IN-LINE FILTER KITS****Standard Features:**

- Anodized aluminum housing
- #6 SAE female ports
- EPR or Vitron seals
- 2 micron absolute rating per ISO 4572
- Beta rating > 1000 at 4 micron
- Dirt capacity of 1.38 grams at < 50 psig
- 150 psi (10 bar) collapse rating
- 3,000 psi (207 bar) maximum pressure rating
- Dimensions:
  - Length: 4.75 in (12 cm)
  - Diameter: 1.5 in (3.8 cm)
  - Dry Weight: 1 lb (.5 kg)

**HC-2140/HC-2141****Specifications:**

| Fluid Type          | MIL-PRF-5606, MIL-PRF-83282<br>MIL-PRF-23699, MIL-PRF-87257 |                            | Skydrol, Hyjet |                            |
|---------------------|-------------------------------------------------------------|----------------------------|----------------|----------------------------|
| Kit Type            | Kit Number                                                  | Fits Model Number          | Kit Number     | Fits Model Number          |
| In-Line Conversion  | K-3677                                                      | 06-5009-6500, 06-5010-6500 | K-3676         | 06-5009-6600, 06-5010-6600 |
|                     | K-3678                                                      | 06-4005-0511               | K-3679         | 06-4005-3611               |
|                     | K-3680                                                      | 06-5022-6500               | K-3681         | 06-5022-6600               |
| Replacement Element | K-3659                                                      |                            | K-3658         |                            |
| Filter Assembly     | HC-2141                                                     |                            | HC-2140        |                            |



## Standard Features:

**Models: 06-4005-0511, 06-4005-0800, 06-4005-3611**

- 2 qt (1.9 l) steel reservoir
- 2 micron filtration (Beta rating > 1000 @ 4 µm per ISO 4572)
- Shut off valve (zero leakage)
- Single stage manual hand pump
- Stroke displacement .58 in<sup>3</sup>/stroke
- Relief set 3,250 psi
- Pressure gauge 5,000 psi (345 bar)
- 15 ft (4.6 m) #4 hose with 37° JIC female swivel connector
- Finish: Durable Powder Coat Tronair Blue



06-4005-Series

## Specifications:

| Model Number by Fluid Type    |                    | MIL-PRF-23699<br>MIL-PRF-87257 | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|-------------------------------|--------------------|--------------------------------|-------------------|------------------|-------------------|-------------------|
| MIL-PRF-5606<br>MIL-PRF-83282 | Phosphate<br>Ester |                                |                   |                  |                   |                   |
| 06-4005-0511 .....            | 06-4005-3611 ..... | 06-4005-0800 .....             | 19 (48) .....     | 6 (15) .....     | 19 (48) .....     | 25 (11)           |

## Standard Features:

**NSN: 4920-01-578-3125** - for model 06-4035-0500

**Models: 06-4035-0500, 06-4035-0800, 06-4035-3600**

**06-5004-0500, 06-5004-0800, 06-5004-3600, 06-5004C0500, 06-5004C3600 - CE Marked**

**06-5040-0510 , 06-5040-0800, 06-5040-3600**

**06-5041-0500, 06-5041-0800, 06-5041-3610**

**06-5074-0500, 06-5074-0800**

- 8 gal (30 l) polyethylene reservoir
- 15 ft (4.6 m) #4 hose with 37° JIC female swivel connector
- Shut off valve for static testing
- 2 micron filtration (Beta rating > 2000 per ISO 4572)
- Dual stage manual hand pump
- Stroke displacement : 2.1 in<sup>3</sup>/stroke to 500 psi, .4 in<sup>3</sup>/stroke to 5,000 psi
- 8 in (20 cm) semi-pneumatic tires
- Dual hose selector valve standard on 06-5004 and 06-5041 series only
- Sturdy welded steel construction
- Dimensions
  - Length: 19 in (48 cm)
  - Width: 19 in (48 cm)
  - Height: 32 in (81 cm)
- Finish: Durable Powder Coat Tronair Blue



06-4035-Series

06-5004-Series

## Specifications:

| Model Number by Fluid Type    |                    | MIL-PRF-23699<br>MIL-PRF-87257 | Max Working<br>Pressure<br>psi (bar) | Pressure<br>Gauge<br>psi (bar) | Weight<br>lb (kg) |
|-------------------------------|--------------------|--------------------------------|--------------------------------------|--------------------------------|-------------------|
| MIL-PRF-5606<br>MIL-PRF-83282 | Phosphate<br>Ester |                                |                                      |                                |                   |
| 06-4035-0500 .....            | 06-4035-3600 ..... | 06-4035-0800 .....             | 3,000 (207) .....                    | 5,000 (345) .....              | 65 (29.5)         |
| 06-5004-0500 .....            | 06-5004-3600 ..... | 06-5004-0800 .....             | 3,000 (207) .....                    | 5,000 (345) .....              | 65 (29.5)         |
| 06-5004C0500 .....            | 06-5004C3600 ..... | ---                            | 3,000 (207) .....                    | 5,000 (345) .....              | 65 (29.5)         |
| 06-5040-0510 .....            | 06-5040-3600 ..... | 06-5040-0800 .....             | 5,000 (345) .....                    | 6,000 (414) .....              | 65 (29.5)         |
| 06-5041-0500 .....            | 06-5041-3610 ..... | 06-5041-0800 .....             | 5,000 (345) .....                    | 6,000 (414) .....              | 65 (29.5)         |
| 06-5074-0500 .....            | ---                | 06-5074-0800 .....             | 5,000 (345) .....                    | 6,000 (414) .....              | 65 (29.5)         |

# Lavatory Servicing Carts

## Standard Features:

### All Models:

- Dump and fill tanks constructed of high density polyethylene with UV inhibitors
- Supply pump operates @ 20 psi max
- Front wheels lock with towbar in upright position
- Front wheel assembly for easy maneuvering
- Finish: Durable Powder Coat Tronair Blue



## Additional Features:

### Models: 10-4036-0001, 10-4036-0010, 10D4036-0010, 10-6408-0000

- Sturdy welded steel construction
- 2 in (5 cm) x 10 ft (3.1 m) discharge hose with end cap
- 1 in (2.54 cm) x 8 ft (2.4 m) fill hose
- Manual fill and dump pumps (6 stroke per gallon)
- 10-6408-0000 manual dump and electric fill pump (5 gpm)
- 8 in (20 cm) pneumatic tires
- Order **10D4036-0010** for Shorts Aircraft (includes K-1036)

### Model: 10-6409-0000

- Gravity emptied dump tank with gate valve
- 6 ft (1.8 m) blue waste hose with GA coupler
- 10 ft (3 m) black waste outlet hose
- 12 ft (3.7 m) clear fill hose with coupler and plug
- Manual fill pump (4 stroke per gallon)
- Extra wide access port to sloped waste tank makes for easy cleaning
- 10 in (25.4 cm) pneumatic tires
- Heavy duty chassis and towing system



## Specifications:

| Model Number        | Fill Pump      | Dump Tank<br>gal (l) | Fill Tank<br>gal (l) | Length<br>in (cm)    | Width<br>in (cm)    | Height<br>in (cm)   | Weight<br>lb (kg) |
|---------------------|----------------|----------------------|----------------------|----------------------|---------------------|---------------------|-------------------|
| 10-4036-0001 .....  | Manual .....   | 31 (117) .....       | 15 (57) .....        | 54 (137) .....       | 36 (91) .....       | 22 (56) .....       | 280 (127)         |
| 10-4036-0010 .....  | Manual .....   | 31 (117) .....       | 15 (57) .....        | 54 (137) .....       | 36 (91) .....       | 29 (74) .....       | 280 (127)         |
| 10D4036-0010 .....  | Manual .....   | 31 (117) .....       | 15 (57) .....        | 54 (137) .....       | 36 (91) .....       | 29 (74) .....       | 280 (127)         |
| *10-6408-0000 ..... | Electric ..... | 31 (117) .....       | 15 (57) .....        | 54 (137) .....       | 36 (91) .....       | 22 (56) .....       | 280 (127)         |
| 10-6409-0000 .....  | Manual .....   | 35 (132) .....       | 25 (95) .....        | 64 1/4 (165.7) ..... | 39 1/4 (99.7) ..... | 27 1/4 (69.2) ..... | 194 (88)          |

\*50 Hz requires adaptor to be purchased locally

**Standard Features:****All Models:**

- Dump and fill tanks constructed of high density polyethylene with UV inhibitors
- Supply pump operates @ 20 psi max
- Sturdy welded steel construction
- Gravity emptied dump tank with gate valve
- 18 in (46 cm) discharge hose
- 1 in (2.54 cm) x 8 ft (2.4 m) fill hose
- Drain back valve empties fill hose after use
- Front wheels lock with towbar in upright position
- Front wheel assembly for easy maneuvering
- Finish: Durable Powder Coat Tronair Blue

**Note:** Dump and fill connectors not included

**Additional Features:****Model: 10-6401-0010, 10-6411-0000**

- Manual fill and dump pumps (6 stroke per gallon)
- 10-6411-0000 manual dump and electric fill pump (5 gpm)
- 8 in (20 cm) wheels

**Models: 10-6402-0010, 10-6410-0000**

- 30 in (76 cm) height to dump hose connection
- Manual fill pump with totalizer (10-6402-0010)
- Pneumatic fill pump (0-14 gpm) with totalizer (10-6410-0000)
- 8 in (20 cm) front wheels
- 10 in (25 cm) rear wheels

**Specifications:**

| Model Number  | Fill Pump | Dump Tank gal (l) | Fill Tank gal (l) | Length in (cm) | Width in (cm) | Height in (cm) | Weight lb (kg) |
|---------------|-----------|-------------------|-------------------|----------------|---------------|----------------|----------------|
| 10-6401-0010  | Manual    | 136 (515)         | 68 (257)          | 72 (183)       | 46 (117)      | 45 (114)       | 700 (318)      |
| 10-6402-0010  | Manual    | 68 (257)          | 31 (117)          | 64 (163)       | 37.5 (95)     | 49.5 (126)     | 600 (272)      |
| 10-6410-0000  | Pneumatic | 68 (257)          | 31 (117)          | 64 (163)       | 37.5 (95)     | 49.5 (126)     | 600 (272)      |
| *10-6411-0000 | Electric  | 136 (515)         | 68 (257)          | 72 (183)       | 46 (117)      | 45 (114)       | 700 (318)      |

\*50 Hz requires adaptor to be purchased locally

**Fittings, Connectors, Adaptors & Tools**

| Kit Number | Part                         | Description                                                                                                           |
|------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| H-1770     | Aircraft Lavatory Plug       | 4 in (10.2 cm) standard replacement lavatory plug                                                                     |
| K-3606     | Dump Coupling Plug           | Used to prevent spilling waste solution                                                                               |
| K-4712     | HondaJet Adaptor             | Fill connector                                                                                                        |
| K-2288     | Learjet 60 Adaptor           | Adapts 2 in (5.1 cm) aircraft dump system to standard 4 in (10.2 cm) standard coupling. Includes Lear 60 Fill Adaptor |
| K-1036     | Shorts 330/360 Adaptor       | 3 in (7.6 cm) aircraft system with fill connector                                                                     |
| K-2410     | Chemical Fill Connector      | Used to fill lavatory chemical solution reservoir                                                                     |
| K-2412     | Straight Type Dump Connector | Dump coupling with 5 ft (1.52 m), 4 in (10.2 cm) I.D. hose                                                            |
| H-1769     | Wye Type Dump Connector      | Used as an extension with straight connector kit K-2412                                                               |
| K-2029     | Wye Type Dump Connector      | Dump coupling with 5 ft (1.52 m), 4 in (10.2 cm) I.D. hose                                                            |
| K-2029-A1  | Wye Type Dump Connector      | Dump coupling with 10 ft (3.05 m), 4 in (10.2 cm) I.D. hose                                                           |
| K-2922     | Wye Type Dump Connector      | Dump coupling with 15 ft (4.6 m), 4 in (10.2 cm) I.D. hose                                                            |

# Potable Water Transport Carts

## Standard Features:

- Operates by 12 VDC electric battery with built in charger
- 4.5 gpm (17 lpm) electric pump
- Available in 50 and 60 Hz
- Meets recognized health organization standards
- Cold weather carts are protected with insulated sheet metal and a 110 volt mat heater
- High density polyethylene tank with UV inhibitor
- Tank access opening for cleaning or bottle water filling
- 15 ft (4.6 m) output hose with potable water coupling
- Front wheels lock with towbar in upright position
- Sturdy welded steel construction
- Finish: Durable Powder Coat Tronair Blue



| Kit Number | Part                           | Description                                                          |
|------------|--------------------------------|----------------------------------------------------------------------|
| H-2217     | Open Hose Fill Coupling & Plug | Plug prevents contamination when locked into coupling during non-use |
| K-2411     | Potable Water Fill Connector   | Used to fill aircraft potable water reservoir                        |

## Specifications:

| Model Number | Heater | Capacity<br>gal (l) | Frequency<br>Hz | Tires<br>in (cm) | Length<br>in (cm) | Width<br>in (cm) | (Towbar Up)<br>Height<br>in (cm) | Empty<br>Weight<br>lb (kg) |
|--------------|--------|---------------------|-----------------|------------------|-------------------|------------------|----------------------------------|----------------------------|
| 19-4301-0000 | No     | 100 (379)           | 50/60           | 12 (31)          | 74 (188)          | 40 (102)         | 42 (107)                         | 500 (227)                  |
| 19-4303-0000 | Yes    | 100 (379)           | 60              | 12 (31)          | 74 (188)          | 40 (102)         | 42 (107)                         | 500 (227)                  |
| 19-4305-0000 | No     | 31 (117)            | 50/60           | 10 (25)          | 66 (168)          | 25 (64)          | 29 (74)                          | 274 (124)                  |
| 19-4306-0000 | Yes    | 31 (117)            | 60              | 10 (25)          | 66 (168)          | 25 (64)          | 29 (74)                          | 274 (124)                  |
| 19-4311-0000 | Yes    | 100 (379)           | 50              | 12 (31)          | 74 (188)          | 40 (102)         | 42 (107)                         | 500 (227)                  |
| 19-4310-0000 | Yes    | 31 (117)            | 50              | 10 (25)          | 66 (168)          | 25 (64)          | 29 (74)                          | 274 (124)                  |



Standard Features:

- Service multiple aircraft systems
- Equipped with and air compressor, a generator, a high and low pressure nitrogen system, and hydraulic fluid and engine oil systems
- Nitrogen booster
- Retractable hose reels:
  - 60 ft (18.29 m) for L-1009 oil
  - 60 ft (18.29 m) for Phosphate Ester, Type IV
  - 60 ft (18.29 m) for air compressor
  - 60 ft (18.29 m) for high pressure nitrogen
  - 60 ft (18.29 m) for low pressure nitrogen
- Two 100 ft (30.48 m) extension cords for generator
- Large filtered fill port
- Micron filter after pump
- Sturdy welded steel construction
- Rugged cart has running gear brakes, trailer hitch and space for tool box and three nitrogen tanks
- Front wheels lock with towbar in upright position
- Maximum towing speed 10 mph (16 km)
- Reflectors for night visibility
- Finish: Durable Powder Coat



Specifications:

| Model Number       | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-------------------|------------------|-------------------|-------------------|
| 12-3117-9000 ..... | 119.75 (304)..... | 73 (185) .....   | 68.25 (173) ..... | 1,000 (454)       |

# Nitrogen and Oxygen Transport Carts

## One and Four Bottle

### Standard Features:

- Sturdy welded steel construction
- 13 in (33 cm) pneumatic tires
- Fits bottle lengths from 48 to 64 in (122 to 163 cm) to hold bottles securely in place (back stop on 12-3104-0000 is adjustable)
- 20-4521-9000 comes with oxygen cleaned regulator
- Front wheels lock with towbar in upright position
- Towbar with 2<sup>3</sup>/<sub>16</sub> in (5.6 cm) ID eyebolt
- Hose storage compartment
- Maximum towing speed 10 mph (16 km)
- Reflectors for night visibility
- Finish:
  - Durable Powder Coat Tronair Blue - **12-3104-0000**
  - Durable Powder Coat Green - **12-3104-0000SP**
  - Durable Powder Coat Orange - **20-4521-9000**

See page 113 for additional service gauges for 12-3104-000



PC-1107

### Accessories:

**PC-1107** - 300 cu ft certified nitrogen bottle (empty)

**PC-1124** - 200 cu ft certified oxygen bottle (empty)



12-3104-0000

### Specifications:

| Model Number | Bottle Capacity | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|-----------------|-------------------|------------------|-------------------|-------------------|
| 12-3104-0000 | 4               | 80 (203)          | 31 (79)          | 37 (94)           | 230 (104)         |
| 20-4521-9000 | 1               | 80.7 (205)        | 28.5 (72)        | 46.75 (119)       | 170 (77)          |

## One and Two Bottle

### Standard Features:

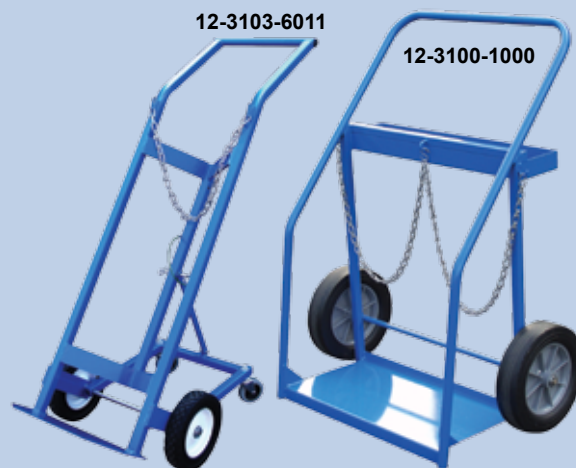
- Sturdy welded steel construction
- Holds 9 in (23 cm) 3,500 psi (241.3 bar) high pressure bottles
- Chain provided to secure bottles to cart
- Tilt-back positioning to stabilize load (12-3103-6011 only)
- Soft rubber tires prevent damage to floors
- Finish: Durable Powder Coat Tronair Blue

### Accessories:

**PC-1107** - 300 cu ft certified nitrogen bottle (empty)

**PC-1124** - 200 cu ft certified oxygen bottle (empty)

See page 113 for additional service gauges



### Specifications:

| Model Number | Bottle Capacity | Wheel Size<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|-----------------|-----------------------|------------------|-------------------|-------------------|
| 12-3100-1000 | 2               | 14 (36)               | 30 (76)          | 43 (109)          | 45 (20)           |
| 12-3103-6011 | 1               | 8 (20)                | 20 (51)          | 44 (112)          | 30 (14)           |

**ATTENTION non-North American customers** Tronair supplies a standard regulator connector that will “ONLY” connect to a North American gas cylinder. Non-North American customers must provide their local gas cylinder connection information to ensure proper fit.

## Standard Features:

- 4 hose manifold to connect bottles with CGA-580 fittings
- High pressure regulator 25 to 4,000 psi (1.7 to 276 bar) certified gauge with 15 ft (4.6 m) #4 output hose (not applicable for 18-4314-9800)
- Low pressure regulator 0 to 500 psi (.2 to 34.5 bar) certified gauge with 15 ft (4.6 m) #4 output hose
- Temperature range 0° to 200° F (17.7° to 93.3° C)
- Operating instructions located on instrument panel
- Sturdy welded steel construction
- Holds four 9 inch (23 cm) diameter nitrogen bottles (bottles not included)
- 85 psi (5.9 bar) 13 in (33 cm) diameter pneumatic tires
- Front wheels lock with towbar in upright position
- Movable back stop adjusts to fit bottle lengths from 48 to 64 in (122 to 163 cm) to hold bottles securely in place
- Towbar with 2<sup>3</sup>/16 in (5.6 cm) ID eyebolt
- Maximum towing speed 10 mph (16 km/hr)
- Hose storage compartment
- Reflectors to improve night visibility
- Low Profile
- Finish:  
Durable Powder Coat Tronair Blue  
Durable Powder Coat Orange - 18-4313-9000  
Custom Colors Available

## With Booster Includes Standard Features:

- CE Marked
- 4,000 psi (276 bar) nitrogen intensifier (booster) operates off low pressure regulator
- Intensifier (booster) automatically shuts down when aircraft reaches set pressure

## Additional Standard Features:

### 18-4313-9000:

- CGA-350 connectors
- 2 additional 10 ft (3 m) hoses

### 18-4314-9800:

- Nitrogen blow out system regulates the pressure to the aircraft and checks the hydraulic system for leaks prior to filling with hydraulic fluid
- Low pressure regulator output to hydraulic system 0 to 150 psi (0 to 10.3 bar) with 15 ft (4.6 m) service hose

## Accessories:

- **PC-1151** - In-line check  
(**Required** if CGA-580 fittings are replaced)
- **PC-1107** - 300 cu ft certified bottle (empty) Color - gray

See page 103 for additional service gauges

See page 104 for adaptors



18-4208-0010  
Booster Instrument Panel



18-4303-0000  
Instrument Panel

## Specifications:

| Model Number | Gas      | Booster | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|----------|---------|-------------------|------------------|-------------------|-------------------|
| 18-4208-0010 | Nitrogen | Yes     | 80 (203.5)        | 30.5 (77.5)      | 37 (94)           | 350 (159)         |
| 18-4303-0000 | Nitrogen | No      | 80 (203.5)        | 30.5 (77.5)      | 37 (94)           | 300 (136)         |
| 18-4306-0000 | Helium   | Yes     | 80 (203.5)        | 30.5 (77.5)      | 37 (94)           | 350 (159)         |
| 18-4313-9000 | Nitrogen | No      | 80 (203.5)        | 30.5 (77.5)      | 37 (94)           | 300 (136)         |
| 18-4314-9800 | Nitrogen | Yes     | 81 (206.7)        | 38.5 (97.8)      | 47 (118.6)        | 370 (169)         |

## Nitrogen Boosters

**ATTENTION non-North American customers** Tronair supplies a standard regulator connector that will “ONLY” connect to a North American gas cylinder. Non-North American customers must provide their local gas cylinder connection information to ensure proper fit.

### Standard Features:

#### Model: 18-4200-1100 Semi-Manual

- Mounts on standard nitrogen bottles with CGA-580 connector
- 10 cfm (4.7 lps) at 90 psi (6.2 bar) shop air required
- Sturdy welded steel construction
- 15 ft (4.6 m) #4 output hose with 37° JIC female swivel connector
- 5,000 psi (345 bar) certified pressure gauge
- Temperature range 0° to 200° F (17.7° to 93.3° C)
- MIL-PFR-5606 hydraulic fluid
- Repeated manual opening of input and output valves required to reach desired aircraft pressure
- Finish: Durable Powder Coat Desert Sand

18-4200-1100



### Standard Features:

#### Model: 18-4201-1010 Automatic

- Mounts on standard nitrogen bottles with CGA-580 connector
- 80 cfm (37.8 lps) at 150 psi (10.3 bar) shop air required
- Sturdy welded steel construction
- 15 ft (4.6 m) #4 output hose with 37° JIC female swivel connector
- 5,000 psi (345 bar) certified pressure gauge
- 0 to 160 psi (0 to 11 bar) certified input regulator pressure gauge
- Temperature range 0° to 200° F (17.7° to 93.3° C)
- When input regulator is set at specified pressure the booster automatically shuts down when set pressure is reached
- Finish: Durable Powder Coat Tronair Blue - 18-4201-1010  
Durable Powder Coat Green - 18-4201-1010SP

18-4201-1010



### Accessory: (for both models)

**K-1225** - Regulator Kit operates from nitrogen bottle rather than shop air for remote usage

### Specifications:

| Model Number       | Max Output<br>psi (bar) | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-------------------------|-------------------|------------------|-------------------|-------------------|
| 18-4200-1100 ..... | 3000 (207) .....        | 20 (51).....      | 20 (51).....     | 15 (38).....      | 51 (23)           |
| 18-4201-1010 ..... | 4000 (276) .....        | 20 (51).....      | 20 (51).....     | 15 (38).....      | 45 (20)           |

## Oxygen Booster

**ATTENTION non-North American customers** Tronair supplies a standard regulator connector that will “ONLY” connect to a North American gas cylinder. Non-North American customers must provide their local gas cylinder connection information to ensure proper fit.

### Standard Features:

- 2,200 psi (151.7 bar) maximum output pressure
- 30:1 volumetric displacement
- 20:1 maximum compression ratio
- Shop air required 80 cfm (37.8 lps) at 90 psi (6.2 bar)
- 0 to 5,000 psi (0 to 345 bar) certified supply gauge
- 0 to 3,000 psi (0 to 207 bar) certified aircraft pressure gauge
- 0 to 160 psi (0 to 11 bar) certified shop air regulator gauge
- Temperature range 0° to 200° F (17.7° to 93.3° C)
- 15 ft (4.6 m) #4 stainless steel braided hose with 37° JIC female swivel connector
- In-line 15 micron nominal filter
- Booster automatically shuts down when aircraft reaches set pressure
- Finish: Durable Powder Coat Green - **20-4500-7000**  
Durable Powder Coat Tronair Blue - **20-4500-7000SP**



20-4500-7000

### Specifications:

| Model Number       | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-------------------|------------------|-------------------|-------------------|
| 20-4500-7000 ..... | 25 (64).....      | 16 (41) .....    | 19 (48).....      | 80 (36)           |



# Oxygen Four Bottle Carts/Carts with Booster

**ATTENTION non-North American customers** Tronair supplies a standard regulator connector that will "ONLY" connect to a North American gas cylinder. Non-North American customers must provide their local gas cylinder connection information to ensure proper fit.

## Standard Features:

- 4 hose manifold to connect bottles with CGA-540 fittings
- High pressure regulator 15 to 2,500 psi (1 to 172 bar) certified gauge with 15 ft (4.6 m) #4 output hose with 37° JIC female swivel connector
- 30:1 volumetric displacement
- 20:1 maximum compression ratio
- Oxygen overpressure relief valve set at 2,750 psi (189.6 bar)
- Temperature range 0° to 200° F (17.7° to 93.3° C)
- Operating instructions located on instrument panel
- In-line 15 micron nominal filter
- Sturdy welded steel construction
- Holds four, 9 in (23 cm) diameter oxygen bottles (bottles not included)
- 13 in (33 cm) diameter 85 psi (5.9 bar) pneumatic tires
- Front wheels lock with towbar in upright position
- Removable back stop adjusts to fit bottle lengths from 48 to 64 in (122 to 163 cm) to hold bottles securely in place
- Towbar with 2<sup>3</sup>/<sub>16</sub> in (5.6 cm) ID eyebolt
- Maximum towing speed 10 mph (16 km/hr)
- Hose storage compartment
- Reflectors to improve night visibility
- Low Profile
- Finish: Durable Powder Coat Green - **20-4504-7000/20-4505-7000**  
Durable Powder Coat Tronair Blue - **20-4504-7000SP/20-45057000SP**

## With Booster Includes Standard Features:

- CE Marked
  - Safety limit switch set at 2,500 psi (172 bar)
- oxygen intensifier (booster) operates with automatic shutdown when the aircraft reaches set pressure

## Accessories:

- **PC-1152** - In-line check (**Required** if CGA-540 fittings are replaced)
- **K-3543** - Extended Bottle Stop for Nitrogen Drive serial numbers AA15960309 and below
- **K-4709** - Extended Bottle Stop serial numbers AB14200311 and above
- **K-4313** - Nitrogen Booster Drive Kit
- **PC-1124** - 200 cu ft certified bottle (empty) Color - green



**20-4505-7000**  
Booster Instrument Panel



**20-4504-7000**  
Instrument Panel

## Specifications:

| Model Number       | Booster   | Length<br>in (cm) | Width<br>in (cm)  | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-----------|-------------------|-------------------|-------------------|-------------------|
| 20-4504-7000 ..... | No.....   | 80 (203.5) .....  | 30.5 (77.5) ..... | 37 (94).....      | 350 (159)         |
| 20-4505-7000 ..... | Yes ..... | 80 (203.5) .....  | 30.5 (77.5) ..... | 37 (94).....      | 380 (172)         |

# Oxygen Pressure Regulators & Adaptors



### 20-4502-6000

- Connects with CGA-540 fittings
- 0-2,500 psi (0-172 bar) output pressure

### K-2717

- Includes PC-1006 and PC-1009

## Certified Oxygen Cleaned



### 20-4503-6000

- 1/4 BSPP Mates with 36690 Cylinder Assembly
- AN 785-3

### 20-4503-6010

- 1/4 BSPP Mates with 36690 Cylinder Assembly
- 37° JIC Flare



### PC-1006

- 1/4 JIC Flare
- Mates with AND 10089-3 3/8-24 UNF-2B

### PC-1009

- 1/4 JIC Flare
- 9/16-18 UNF-2B



# Pre-Conditioned Air (PCA) Combo Unit

## Standard Features:

- Easy to operate
- 80 kW Tier 3, Cummins engine
- 30 kW, 2 stage heat
- 28.5 VDC ground power unit (on units with GPU)
  - 1600A Starting
  - 300A Continuous
- Dual scroll compressors
- R-407c refrigerant
- Block heater receptacle
- 40 ft GPU cable (on units with GPU)
- 50' light weight, scuff resistant 14" Ø hose with 8" GAC connector
- VFD fan motor controller
- Low profile, fits under most wings
- Low fuel shut down and beacon
- Bi-swing control panel doors
- Weatherproof panel
- Fifth wheel steering
- Heavy duty trailer
- Steel Bumper
- Towbar actuated parking brake
- Solid rubber rear wheels
- Finish: Durable Powder Coat Tronair Blue

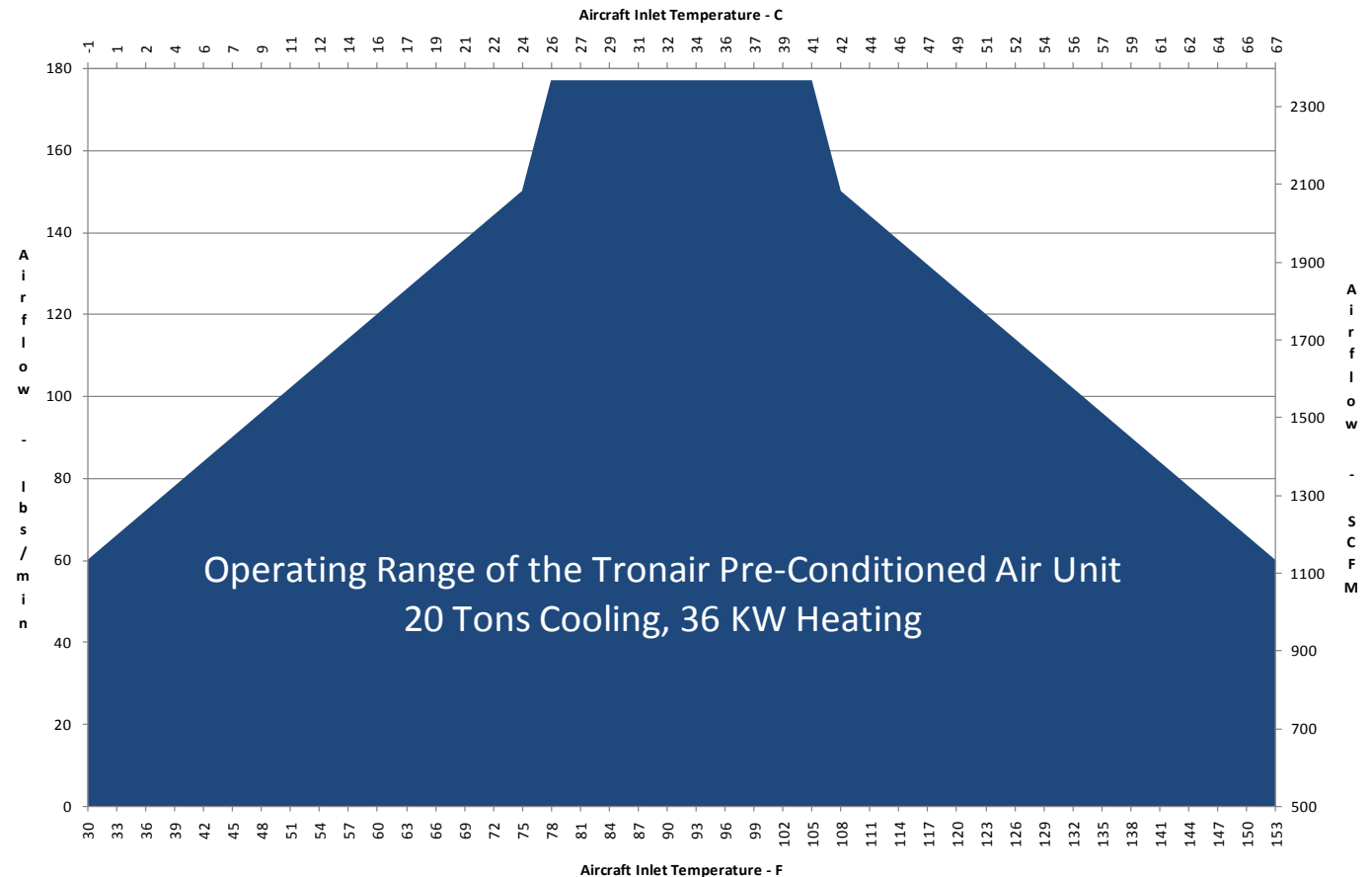


(shown with custom paint)

## Specifications:

| Model Number | Cooling Output<br>Ton - US (Metric) | GPU | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|-------------------------------------|-----|-------------------|------------------|-------------------|-------------------|
| 17-7520-0000 | 20 (17.8)                           | YES | 186 (472.4)       | 95 (241)         | 70.5 (179)        | 8,000 (3,629)     |
| 17-7521-0000 | 30 (26.8)                           | YES | 186 (472.4)       | 95 (241)         | 80.5 (504.5)      | 8,000 (3,629)     |
| 17-7522-0000 | 20 (17.8)                           | NO  | 186 (472.4)       | 95 (241)         | 70.5 (179)        | 7,300 (3,311)     |
| 17-7523-0000 | 30 (26.8)                           | NO  | 186 (472.4)       | 95 (241)         | 80.5 (504.5)      | 7,300 (3,311)     |

## Performance Chart:



## Standard Features:

**Models: 17-7505-7000 Gasoline, 17-7519-7000 Diesel, 17-7524-0000 LPG**

- Cooling capacity 45,000 Btu/hr output
- 1,600 cfm maximum air flow
- Refrigerant type R-410A is environmentally safe
- Hermetic compressor belt driven with over current and over temperature protection
- 1,200 - 2,000 cfm propeller type condenser fan
- 12 in (30 cm) diameter, 25 ft (7.6 m) long output hose
- Dual suction high density filters
- 115 volt (ground fault interrupt) external AC utility outlet with 15 amp fuse and switch - 17-7505-7000 & 17-7519-7000 only
- Sturdy welded frame with 16 gauge sheet metal cabinet
- Noncorrosive, sloped condensation drain pan, meets ASHRAE 62-89 (IAQ) standard
- Engine:
  - 20 HP Honda - 17-7505-7000
  - 18 HP Lombardini - 17-7519-7000
  - 23 HP Subaru - 17-7524-0000
- Tank Capacity:
  - 13 gal (49.2 l) tank with run time of 8 hours - 17-7505-7000
  - 8 gal (30.3 l) tank with run time of 10 hours - 17-7519-7000
- 240/1 phase, 13.5 kW AC output
- Units are designed to cool and/or heat an aircraft through a window or door opening
- Trailer mounted - Finish: Black
- Finish: Acrylic Enamel Gray

## Available Option All Models:

- **8.7 kW Heater** 29,700 Btu/hr maximum thematically controlled (Btu output will vary with input voltage) insert an "A" as the third digit of the model number (e.g. 17**A**7503-7000)

## Standard Features:

**Model: 17-7503-7000 AC Plug-in**

- Cooling capacity 45,000 Btu/hr output
- 1,600 cfm maximum air flow
- Refrigerant type R-410A is environmentally safe
- Hermetic compressor belt driven with over current and over temperature protection
- 1,200 - 2,000 cfm propeller type condenser fan
- 12 in (30 cm) diameter, 25 ft (7.6 m) long output hose
- Dual suction high density filters
- 115 volt (ground fault interrupt) external AC utility outlet with 15 amp fuse and switch
- AC plug-in: 208, 230, 400, 460, and 575 volt
- 1 or 3 phase (single phase not available in all voltages)
- 50 ft (15.3 m) long power cord
- Sturdy welded frame with 16 gauge sheet metal cabinet
- Noncorrosive, sloped condensation drain pain, meets ASHRAE 62-89 (IAQ) standard
- Unit is designed to cool and/or heat an aircraft through a window or door opening
- Trailer mounted - Finish: Black
- Finish: Acrylic Enamel Gray

**Voltage Chart** for eighth character (e.g. 17-7503**B**7000)

| Option | Electrical    | AMPS<br>with out<br>heater | AMPS<br>with<br>heater |
|--------|---------------|----------------------------|------------------------|
| B      | 208V/60Hz/1ph | 41.2                       | 50.4                   |
| C      | 230V/60Hz/1ph | 41.2                       | 56.4                   |
| F      | 208V/60Hz/3ph | 25.9                       | 48.2                   |
| G      | 230V/60Hz/3ph | 25.9                       | 54.6                   |
| J      | 460V/60Hz/3ph | 13.8                       | 24.3                   |
| K      | 575V/60Hz/3ph | 9.7                        | NA                     |
| P      | 400V/50Hz/3ph | 13.6                       | NA                     |



## Specifications:

| Model Number | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|-------------------|------------------|-------------------|-------------------|
| 17-7503_7000 | 104 (264)         | 61 (156)         | 63 (160)          | 1,300 (590)       |
| 17-7505-7000 | 132 (335)         | 61 (156)         | 64 (163)          | 1,950 (885)       |
| 17-7519-0000 | 132 (335)         | 61 (156)         | 64 (163)          | 1,950 (885)       |
| 17-7524-0000 | 154 (191)         | 61 (156)         | 64 (163)          | 2,000 (907)       |

# Cabin Pressurization Test Units

## Standard Features:

- 50 ft (15.2 m) input power cable (plug not included)
- 25 ft (7.6 m) #4 cabin pressure sensor hose with 37° JIC female swivel connector
- 2 in (5 cm) ID cabin air supply hose, 25 ft (7.6 m)
- 3 phase, heavy duty 20 hp motor, with 5 year warranty
- Heavy duty starter with solid state overload protection
- High output belt driven blower with oil level indicator
- High efficiency industrial blower silencers
- Certified output and cabin pressure gauges 0 to 15 psi (0 to 1.03 bar)
- Certified door seal pressure gauge 0 to 30 psi (0 to 2.07 bar)
- Air temperature and flow indicators 30 to 300° F (0 to 150° C)
- Air inlet filter, dry element
- Digital flowmeter 17\_7607-1000 **ONLY**
- Four swivel casters with 8 in (20.3 cm) hard rubber tires, foot brakes, and swivel locks
- Finish: Durable Powder Coat Tronair Blue

**Note:** SCFM to ACFM conversion could reduce flow by 10%

## Voltage Chart

For third character (e.g. 15A7603-1000)

| Option..... | Electrical.....<br>(60 Hz) | Full Load<br>Amps |
|-------------|----------------------------|-------------------|
| A.....      | 208V/60Hz/3ph              | 59.3              |
| B.....      | 230V/60Hz/3ph              | 53.6              |
| C.....      | 380V/60Hz/3ph              | 31.8              |
| D.....      | 460V/60Hz/3ph              | 26.8              |
| E.....      | 575V/60Hz/3ph              | 21.4              |

| Option..... | Electrical.....<br>(50 Hz) | Full Load<br>Amps |
|-------------|----------------------------|-------------------|
| F.....      | 200V/50Hz/3ph              | 61.6              |
| G.....      | 220V/50Hz/3ph              | 51.9              |
| H.....      | 380V/50Hz/3ph              | 30.0              |
| J.....      | 415V/50Hz/3ph              | 29.1              |
| K.....      | 440V/50Hz/3ph              | 28.1              |

## Adaptor Kits:

### Aircraft

- **K-1285** - Beech 99/1900, King Air
- **K-1286** - Lear 21, 25, 31, 35, 36
- **K-1288** - Citation III, VI, VII, X, 510, 650, 680, 750
- **K-1359** - Cessna 421, 425, 441, Lear 45
- **K-1360** - Lear 55 (after S/N 125), EMB-120  
(A/C must have LearJet Part Number 541\*057-8 duct)
- **K-1381** - Piper PA-31T, Aerostar, Cheyenne II & III, Chieftan, Navajo
- **K-1456** - Beech Duke
- **K-1491** - Cessna 337
- **K-1622** - Falcon 10-100, 20-200, 50, 50EX, 900, 900EX, 2000,2000EX
- **K-1623** - Aero Commander
- **K-1660** - MU2, BeechJet, Diamond
- **K-1661** - Lear 24
- **K-2182** - Lear 55 (prior to S/N 125), Lear 60
- **K-2403** - Sabre 65
- **K-2418** - G100, G150, Westwind 1 & 2
- **K-2453** - Pilatus PC-12
- **K-2601** - Citation I, II, V, S/II, CitationJet, CJ1, CJ2, Excel 560XL, Ultra, Ultra Encore
- **K-2610** - HS-125 400-800, Hawker 1000
- **K-3317** - Sino Sweargen SJ30-2

## Kit:

- **K-3357** - Lear 45 - Stabilizing Anti-Icing Test Kit
- **K-4031** - High Pressure Upgrade Kit



15\_7603-1000

## Specifications:

| Model Number       | Flow Rate<br>scfm | Rate of Climb<br>Indicator<br>ft/min (cm/sec) | Pressure Relief Valve<br>Set At<br>psi (bar) | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-------------------|-----------------------------------------------|----------------------------------------------|-------------------|------------------|-------------------|-------------------|
| 15_7603-1000 ..... | 0-275 .....       | 0-4,000 (0-2,032) .....                       | 13.5 (.93) .....                             | 70 (178) .....    | 48 (122) .....   | 49 (125) .....    | 1,100 (499)       |
| 15_7606-1000 ..... | 0-275 .....       | 0-6,000 (0-3,048) .....                       | 13.5 (.93) .....                             | 70 (178) .....    | 48 (122) .....   | 49 (125) .....    | 1,100 (499)       |
| 15_7607-1000 ..... | 0-75 .....        | 0-4,000 (0-2,032) .....                       | 9 (.62) .....                                | 70 (178) .....    | 48 (122) .....   | 49 (125) .....    | 1,100 (499)       |
| 15_7608-1000 ..... | 0-75 .....        | 0-4,000 (0-2,032) .....                       | 12.5 (.86) .....                             | 70 (178) .....    | 48 (122) .....   | 49 (125) .....    | 1,100 (499)       |



## Standard Features:

- Continuous duty air supply of 200 CFM at 120 psi (8.3 bar) minimum (150 psi max) **REQUIRED** for operation of unit
- Verify shop air requirement **PRIOR** to ordering
- 1 1/2 in (4 cm) 20 ft. (6.1 m) detachable cabin supply hose with quick disconnect
- 1 in (2.5 cm) ID minimum inlet hose required
- Replaceable air inlet filter element
- 30 ft (9.1 m) cabin sensor feedback hose
- 30 ft (9.1 m) door seal supply hose
- Pressure relief valve set at 15.5 psi (0 to 1.0 bar)
- Cabin pressure 0 to 15 psi (0 to 0.97 bar) certified gauges
- System pressure 0 to 30 psi (0 to 2.07 bar) certified gauges
- Door seal pressure 0 to 60 psi (0 to 4 bar) certified gauge
- Certified flow meter
- 150 psi (10.3 bar) maximum shop air supply pressure
- 0 to 6,000 ft/minute (0 to 1,829 m/minute) rate of climb indicator
- ATA transport case with wheels and a retractable handle

## Additional Standard Features: 15-7609-6000

- Barometer
- Ambient temperature gauge -40 to 160° F (-40 to 71° C)
- Incoming air pressure gauge 0 to 200 psi (0 to 13.8 bar)
- Incoming air shutt off valve

## Adaptor Kits:

### Aircraft

- **K-1285** - Beech 99/1900, King Air
- **K-1286** - Lear 21, 25, 31, 35, 36
- **K-1288** - Citation III, VI, VII, X, 510, 650, 680, 750
- **K-1359** - Cessna 421, 425, 441, Lear 45
- **K-1360** - Lear 55 (after S/N 125), EMB-120  
(A/C must have LearJet Part Number 541\*057-8 duct)
- **K-1381** - Piper PA-31T, Aerostar, Cheyenne II & III, Chieftan, Navajo
- **K-1456** - Beech Duke
- **K-1491** - Cessna 337
- **K-1622** - Falcon 10-100, 20-200, 50, 50EX, 900, 900EX, 2000, 2000EX
- **K-1623** - Aero Commander
- **K-1660** - MU2, BeechJet, Diamond
- **K-1661** - Lear 24
- **K-2182** - Lear 55 (prior to S/N 125), Lear 60
- **K-2403** - Sabre 65
- **K-2418** - G100, G150, Westwind 1 & 2
- **K-2453** - Pilatus PC-12
- **K-2601** - Citation I, II, V, S/II, CitationJet, CJ1, CJ2, Excel 560XL, Ultra, Ultra Encore
- **K-2610** - HS-125 400-800, Hawker 1000
- **K-3317** - Sino Sweargen SJ30-2

## Kit:

- **K-3357** - Lear 45 - Stabilizing Anti-Icing Test Kit



15-7605-6010



## Specifications:

| Model Number       | Flow Range<br>scfm | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|--------------------|-------------------|------------------|-------------------|-------------------|
| 15-7605-6010 ..... | 20 to 200 .....    | 27.5 (70) .....   | 29 (74) .....    | 29 (74) .....     | 85 (39) .....     |
| 15-7609-6000 ..... | 15 to 125 .....    | 27.5 (70) .....   | 29 (74) .....    | 29 (74) .....     | 85 (39) .....     |

## Leak Fluid Dispenser

## Standard Features:

### Model: 15-7601-6000

- Dispense leak detecting fluid to determine if air is escaping when cabin is pressurized
- Dimensions:
  - Width: 8 in (74 cm)
  - Height: 20 in (74 cm)
  - Weight: 85 lb (39 kg) empty weight



## 28.5 VDC Diesel Ground Power Units



Control Panel



112820C1T3



112820CST3

### Standard Features:

#### Engine:

- Cummins Tier 3 QSB electronic engine with full-authority electronic controls for more precise control over the performance of the engine
- Extended service intervals using extended service filters and lubricants, up to 500 hours between scheduled service
- 120vac plug-in coolant block heater and automatic intake air grid heater for cold starts (220vac plug-in coolant block heater optional)
- Engine operates with diesel or jet A fuel with installed lubricity filter
- Fuel/water separator with water-in-fuel sensor and electronic indication
- Large 35 gallon, high density cross-linked polyethylene fuel tank for 12 + hours of use
- 110 HP @ 1800 rpm for low fuel consumption, a 20% or more fuel cost savings
- Low fuel warning lamp (No fuel shutdown system optional)
- Low coolant shutdown system
- 24 volt control and starting circuitry for easy cold weather starting
- Large engine Digital Display and Diagnostics module (DDD), this is a multi-function tool to view engine parameters, maintenance timers and fault codes
- Automatic 1 minute power off delay engine shutdown for turbo protection

#### Alternator and DC Volt Control:

- Powerful 38kw, six phase alternator and rectifier for ultra low DC output ripple
- Alternator excitation test switch for easy troubleshooting
- Maintenance free, long life single bearing
- Greater reliability with a single DC Voltage Control Card (VCC)
- Automatic voltage build-up and protection
- Adjustable peak output current limiting control, 2,000 amp peak, 800 amp continuous output
- Cable head voltage sensing and output voltage drop compensation system ensures full power is provided to aircraft
- Aircraft cable head interlock circuit
- Pull out and removable control drawer system for easy troubleshooting
- Wiring and color code in accordance with CE, NFPA and NEC
- Large digital display voltmeter and ammeter
- 30 ft (9.1 m) DC output cable (40 ft (12.1 m) DC output cable optional)

#### Trailer Chassis and Sheet Metal:

- Durable, compact, maneuverable, trailer mounted unit with fifth wheel steering and skid mounted units with or without fuel tanks
- Hand actuated rear drum brakes
- Weather resistant galvanized sheet metal to prevent corrosion
- Large cable trays for easy cable stowage
- Finish: Durable Powder Coat Tronair Blue

### Additional Features:

#### Model: 112820C1T3

- Running lights
- No fuel shut-off

#### Model: 112820CST3

- Skid mounted with fuel tank, suitable for fixed or truck mounted applications



### Specifications:

| Model Number      | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|-------------------|-------------------|------------------|-------------------|-------------------|
| 112820CT3 .....   | 96.5 (245).....   | 66.25 (168)..... | 61 (155).....     | 2,900 (1,315)     |
| 112820C1T3 .....  | 96.5 (245).....   | 66.25 (168)..... | 61 (155).....     | 2,900 (1,315)     |
| 112820CST3 .....  | 84.25 (214).....  | 40.25 (102)..... | 56 (142).....     | 2,900 (1,315)     |
| 112820CS1T3 ..... | 84.25 (214).....  | 40.25 (102)..... | 56 (142).....     | 2,900 (1,315)     |

**Standard Features:**

- Engine operates with gasoline
- 150 amps continuous at 28 VDC, 1000 amps peak
- 6 heavy duty, maintenance free, lead acid batteries
- Soft start for avionics protection
- 2 cylinder, air cooled engine
- Internal battery charger recharges in minutes
- 20 ft (6.1 m) 4/0 output cable with AN 2551 connector aircraft DC plug
- 13 in (33 cm) tubless pneumatic tires - 11-6644C1010
- Developed for the US Army - 11-6644C1010-A1
- Rugged frame for transport across rough terrain - 11-6644C1010-A1
- Towing speeds up to 20 mph - 11-6644C1010-A1
- 13 gal (49 l) fuel tank
- 0 to 125° F (-18 to 52° C) maximum aircraft starting and electric service temperature range
- Illuminated instrument panel
- Hourmeter
- 0 to 300 ammeter
- 0 to 2,000 aircraft ammeter
- 0 to 50 volt DC voltmeter
- Aircraft power cable On/Off switch
- Electric starter switch
- Meets California Clean Air
- Oil-bathed fly weight type governor
- OHC 18 HP
- This unit NOT recommended for starting the TPE 331 engine
- Finish: Durable Powder Coat Tronair Blue

**Specifications:**

| Model Number          | Engine       | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|-----------------------|--------------|-------------------|------------------|-------------------|-------------------|
| 11-6644C1010 .....    | Kohler ..... | 60.5 (154) .....  | 47 (119) .....   | 46.75 (119) ..... | 1300 (590) .....  |
| 11-6644C1010-A1 ..... | Kohler ..... | 72 (183) .....    | 64 (163) .....   | 46.75 (119) ..... | 1300 (590) .....  |

## 28.5 VDC Solid State Rectifiers

### Standard Features:

- 2 year Tronair Platinum warranty
- Quietest performing unit, 20dB nominal
- Easy to change multi-volt transformer
- Low profile fits under most wings
- 25 KVA transformer ensures full power during engine starts
- Clean power, low voltage ripple <.2 VDC RMS
- Energy saving thermal control cooling fan
- MIL-STD-704F, 18" NEC and CE compliant
- Adjustable current limit output
- Simple to use controls
- **Input:**
  - Voltage Range..... 200 - 480V +/- 10%
  - Power ..... 25 KVA
  - Phase ..... 3
  - Frequency ..... 50 or 60 Hz
- **Output:**
  - Voltage ..... 28.5 VDC
  - Current Limit (adjustable) ... 100-2000 max amps DC
  - Continuous Power ..... 600 amps at 28.5 VDC
  - Starting Power ..... 2000 amps max
- **Protection:**
  - Output Over/Under Voltage
  - Output Over Current
  - Input Phase Loss Detection, missing phase
  - Input Over/Under Voltage
  - Input Circuit Breaker 100 amps
  - Transformer Over Temperature
  - SCR Over Temperature
- **Thermal Protection:**
  - Cooling Fan ..... Temp controlled variable speed

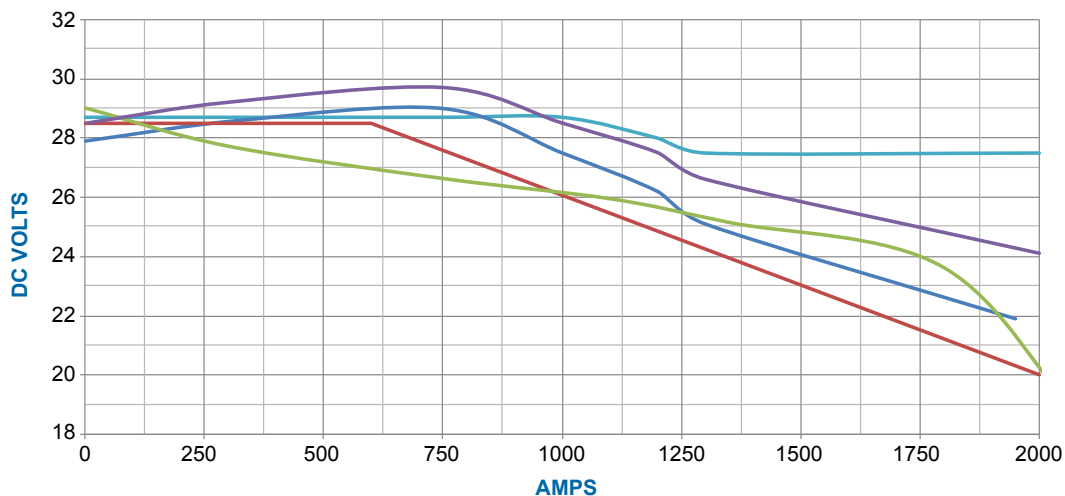
- **Duplex GFIC Weatherproof Receptacle with Cover:**
  - 50 Hz Models - 15 A, 220 VAC
  - 60 Hz Models - 15 A, 115 VAC
- **DC Output Cables:**
  - Single Models - 20 ft ( 6.1 m)
  - Dual Models - 20 ft ( 6.1 m) and 50 ft (15.24 m)
  - (50 ft cable NOT used for starting engines)
- Long life LED indication lights that double as a diagnostic tool
- Sturdy all weather IP54 enclosure with cord hangers
- 50 ft (15.2 m) input cable (standard)
- 100 ft (30.5 m) input cable (optional)
- 20 ft (6.1 m) output cable with AN2551 aircraft DC connector on mobile units
- Main disconnect switch for input power
- DC On/Off switch control
- Emergency stop switch
- Large 9 in (23 cm) rubber rigid and lockable swivel casters for easy maneuverability
- Finish: Durable Powder Coat Tronair Blue



112860S0100

### Tronair vs Competitors (at unit)

- Tronair
- Competitor P
- Competitor H
- Competitor C
- Competitor F



### Specifications:

| Model Number        |                   | Input Cable |               | Length   | Width   | Height  | Weight (Est.)  |              |
|---------------------|-------------------|-------------|---------------|----------|---------|---------|----------------|--------------|
| Single Output Cable | Dual Output Cable | Input Hz    | Length ft (m) |          |         |         | Single lb (kg) | Dual lb (kg) |
| 112860S0000         | 112860D0000       | 60          | —             | 42 (107) | 33 (84) | 33 (84) | 680 (308)      | 730 (331)    |
| 112860S0100         | 112860D0100       | 60          | 50 (15.2)     | 42 (107) | 33 (84) | 33 (84) | 702 (318)      | 750 (340)    |
| 112860S0200         | 112860D0200       | 60          | 100 (30.5)    | 42 (107) | 33 (84) | 33 (84) | 750 (340)      | 800 (363)    |
| 112850S0000         | 112850D0000       | 50          | —             | 42 (107) | 33 (84) | 33 (84) | 680 (308)      | 730 (331)    |
| 112850S0100         | 112850D0100       | 50          | 50 (15.2)     | 42 (107) | 33 (84) | 33 (84) | 702 (318)      | 750 (340)    |
| 112850S0200         | 112850D0200       | 50          | 100 (30.5)    | 42 (107) | 33 (84) | 33 (84) | 750 (340)      | 800 (363)    |



**Standard Features:**

- For use with the Flexible Engine Diagnostic System (FEDS) aircraft engine testing
- Quiet operation, 52dB during nominal operation, 60dB maximum
- 20 A, 115 VAC, duplex GFCI weatherproof receptacle with cover
- MIL-STD-704F, 18" NEC and CE compliant
- Low profile and compact design
- Sturdy all weather IP54 enclosure with cord hangers
- Long life LED indication lights that double as a diagnostic tool
- Emergency stop switch
- Large 9 in (23 cm) rubber rigid and lockable swivel casters for easy maneuverability
- Finish: Durable Powder Coat yellow

**Input:**

- Easy to change multi-volt transformer
- Main power disconnect switch
- 25 KVA transformer ensures full power during engine starts
- Voltage Range ..... 200 - 480V +/- 10%
- Frequency ..... 50 Hz / 60 Hz

**Output:**

- Current Limit (adjustable) ..... 100-2000 max amps DC maximum
- Nominal Continuous Power ..... 600 amps at 28.5 VDC
- DC Voltage (adjustable) ..... 16-35V
- Nominal DC Voltage ..... 28.5 VDC
- Clean power, low voltage ripple <.2 VDC RMS
- DC On/Off switch on control panel
- Remote DC output On/Off engine start capable
- Remote DC voltage sensing
- Simple to use operator control panel

**112860S0000FEDS****Protection:**

- Output over/under voltage
- Output over current
- Input phase loss detection, missing phase
- Input over/under voltage
- Input shunt-trip circuit breaker 100 amps
- Transformer over temperature
- SCR over temperature
- Energy saving variable speed thermal control cooling fan

**Options:**

- 50 ft (15.2 m) input cable
- 100 ft (30.5 m) input cable
- 20 ft (6.1 m) output cable with AN2551 aircraft DC plug
- 50Hz AC model with 20 Amp, 220 VAC with weatherproof outlet and cover

**Specifications:**

| Model Number          | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight (Est.)<br>lb (kg) |
|-----------------------|-------------------|------------------|-------------------|--------------------------|
| 112860S0000FEDS ..... | 42 (107) .....    | 33 (84) .....    | 33 (84) .....     | 680 (308)                |

# 400 Hz AC Solid State Power Units

## Standard Features:

- Chopped rectifier with IGBT's (harmonic content at input < 3%)
- Fully-controlled IGBT inverter
- Pulse-width modulation
- Stable operating performance due to microprocessor control
- Low output distortion factor
- Constant output voltage for non-linear loads
- Total diagnostics, monitoring, and fault memory on LCD (Liquid Crystal Display)
- 30 ft (9.2 m) output cable - mobile unit  
60 ft (18.3 m) output cable - stationary unit
- 400 Hz +/- 0.1% nominal frequency
- +12V/-5% voltage adjustment range
- < 3% distortion factor at linear load
- Voltage characteristics: steady state +/- 1%,  
dynamic < +/- 15% accuracy to MIL-STD-704F



- Output Harmonic content L-L: < 2% at linear, balanced load
- <200ms recovery time
- Sinusoidal wave form
- 120° +/- 1.5° phase angle
- **Dual System** (factory installed) insert a "c" as the eighth digit of the model number, (e.g. 11\_6664**C**1000)
- Sturdy all weather IP54 enclosure
- Available with single or dual output cables
- Finish: Durable Powder Coat Light Gray

## Voltage Chart for third character (e.g. 11\_66652-1010)

| Option  | Voltage/Frequency |
|---------|-------------------|
| B ..... | 380V/50Hz or 60Hz |
| C ..... | 480V/50Hz or 60Hz |



## Specifications:

| Mobile                         |                                        | Stationary                     |               |            |           |
|--------------------------------|----------------------------------------|--------------------------------|---------------|------------|-----------|
| Model Number<br>no input cable | Model Number<br>with 50 ft input cable | Model Number<br>no input cable | Rating<br>KVA | Input Amps |           |
|                                |                                        |                                |               | 380V       | 480V      |
| 11_6649-1000 .....             | 11_6649-1010 .....                     | 11_6657-1000 .....             | 40 .....      | 52 .....   | 44 .....  |
| 11_6650-1000 .....             | 11_6650-1010 .....                     | 11_6658-1000 .....             | 60 .....      | 81 .....   | 68 .....  |
|                                | 11_6652-1010 .....                     | 11_6660-1000 .....             | 90 .....      | 116 .....  | 94 .....  |
|                                | 11_6663C1010 .....                     |                                | 120 .....     | 153 .....  | 128 ..... |

\_ See voltage chart

## Standard Features:

- Delivers 1,000 amps starting power
- Rugged welded steel construction
- 24 VDC output
- 20 ft (6.1 m) DC output cable with AN2551 connector
- Soft start protects avionics from voltage spikes
- 10 in (25 cm) pneumatic tires
- Contains (6) heavy duty, maintenance free lead acid batteries, with cold cranking amps each at 0° F (-18° C)
- Optional battery charger plugs directly into instrument panel
- Finish: Durable Powder Coat Tronair Blue



11-6602-1000

## Specifications:

| Model Number       | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-------------------|------------------|-------------------|-------------------|
| 11-6602-1000 ..... | 33 (84) .....     | 35 (89) .....    | 24 (61) .....     | 465 (211)         |

## BATTERY CHARGER

92-0552-9000 120 Volts - 60 Hz

92-0552-9001 220 Volts - 50 Hz/60 Hz - Single Phase

Output: 6/12/24 Volts DC

100/80/50 Amps

550 Amp Boost/Crank



# Nickel Cadmium Battery Charger/Analyzer

## Standard Features:

- Fully automatic operation
- Solid state circuitry and state-of-the-art components
- Automatic battery temperature sensing
- Battery over temperature protection circuit
- Services from 1 to 50 cells simultaneously
- Capable of discharging two batteries (limited to 20 amps)
- Adjustable current flow from 0 to 50 amps
- Input voltages 208/230 AC 50 or 60 Hz



11-6610-6000

## Specifications:

| Model Number       | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-------------------|------------------|-------------------|-------------------|
| 11-6610-6000 ..... | 19 (48) .....     | 20 (51) .....    | 15 (38) .....     | 120 (54)          |

## Fuel Transfer Carts

### Standard Features:

- Safely transfer aircraft fuel
- Filters particles up to 1/2 micron
- Air operated to eliminate spark hazard
- 10 cfm (4.7 lps) at 50 psi (33 bar) shop air required
- Diaphragm pump with air inlet control valve and regulator certified pressure 0 to 100 psi (0 to 6.8 bar) gauge
- 2 static discharge reels: 20 ft (6 m) and 50 ft (15 m) long
- 50 psi (33 bar) maximum operating pressure
- 50 psi (33 bar) safety valve
- 98% particle removal
- 15 ft (4.5 m) #16 discharge hose with shut-off valve
- 40 ft (12.2 m) #16 suction hose with shut-off valve
- Welded steel cart with tool tray and 14 in (35.6 cm) wheels
- 15 gpm (57 lpm) flow
- Finish: Durable Powder Coat Tronair Blue

### Accessory:

- **K-4668** - Defuler Totalizer



07-3000-1921

### Specifications:

| Model Number          | Totalizer                       | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|-----------------------|---------------------------------|-------------------|------------------|-------------------|-------------------|
| 07-3000-1921 .....    | No .....                        | 25 (64) .....     | 34 (86) .....    | 41 (104) .....    | 140 (63)          |
| 07-3000-1921-A3 ..... | Yes (measures in liters) .....  | 25 (64) .....     | 34 (86) .....    | 41 (104) .....    | 140 (63)          |
| 07-3000-0922 .....    | Yes (measures in gallons) ..... | 25 (64) .....     | 34 (86) .....    | 41 (104) .....    | 140 (63)          |

## Fuel System Leak Test Unit

### Standard Features:

- Filters particles up to 1/2 micron
- Air operated motors drive pumps
- Air operated to eliminate spark hazard
- 10 cfm (4.7 lps) at 50 psi (33 bar) shop air required
- Air inlet control valve, regulator and lubricator
- 2 static discharge reels: 20 ft (6 m) and 50 ft (15 m) long
- 50 psi (33 bar) maximum operating pressure
- 50 psi (33 bar) safety valve
- 98% particle removal
- 40 ft (12.2 m) #16 discharge hose
- 20 ft (6.1 m) #16 suction hose with shut-off valve
- Welded steel cart with tool tray and 14 in (35.6 cm) wheels
- 3 flow settings
  - .5 - 1 gpm (1.9 - 3.8 lpm)
  - .5 - 5 gpm (1.9 - 18.9 lpm)
  - 1 - 15 gpm (3.8 - 56.8 lpm)
- Finish: Durable Powder Coat Tronair Blue

### Adaptor Kits:

- **K-4409** - Engine hose
- **K-4410** - APU hose

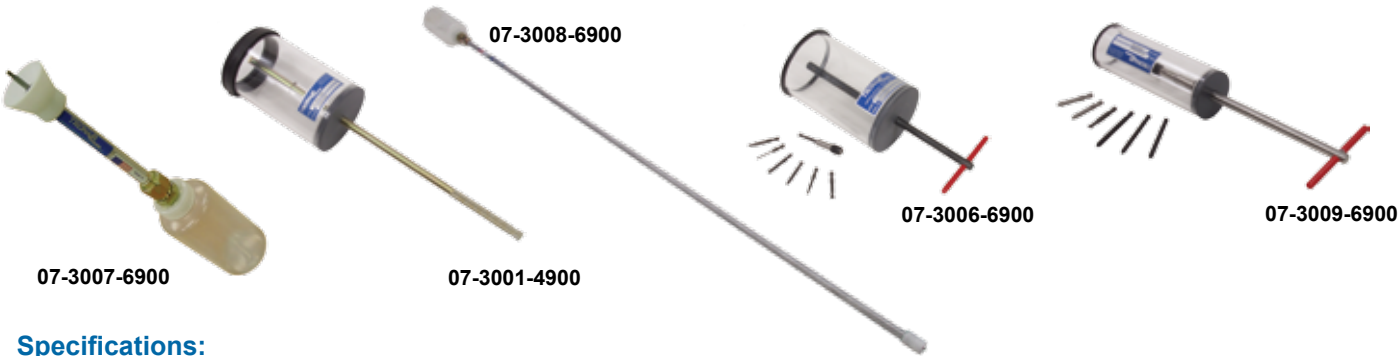


07-3013-0900

### Specifications:

| Model Number       | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-------------------|------------------|-------------------|-------------------|
| 07-3013-0900 ..... | 26 (65) .....     | 34.5 (88) .....  | 43 (109) .....    | 300 (136)         |





Specifications:

| Model Number  | Bits                                                      | Fluid Capacity<br>oz (l) | Rim Diameter<br>in (cm) | Length<br>in (cm) | Weight<br>lb (kg) |
|---------------|-----------------------------------------------------------|--------------------------|-------------------------|-------------------|-------------------|
| 07-3001-4900  | Wide Flat Head Custom                                     | 36 (1.06)                | 4 1/2 (11.4)            | 19 1/2 (50)       | 1 1/4 (.567)      |
| 07-3005-6900  | Slotted 12-14; Phillips #2, #3, Pin 1/8 x 7/8             | 32 (.95)                 | 4 3/4 (12.1)            | 9 3/16 (23)       | 3 (1.36)          |
| *07-3006-6900 | Slotted 12-14; Phillips #2, #3; Hex 1/8, 3/16, 3/32, 5/32 | 32 (.95)                 | 4 3/4 (12.1)            | 15 3/4 (40)       | 3 (1.36)          |
| 07-3007-6900  | Hex 5/32                                                  | 32 (.95)                 | 2 5/16 (6)              | 19 1/4 (49)       | 1 (.454)          |
| 07-3008-6900  | Conical Head                                              | 32 (.95)                 | 1 (2.5)                 | 80 (203)          | 2 (.907)          |
| 07-3009-6900  | Slotted 12-14; Phillips #2, #3; Hex 1/8, 3/32, 5/32       | 10.7 (.32)               | 2 1/2 (6.4)             | 13 (33)           | 2 (.907)          |
| 07-3016-6900  | Hex 5/32                                                  | 32 (.95)                 | 3.15 (8)                | 25.22 (65)        | 1 (.454)          |

\*Optional Custom Falcon 50 (H-2599 Bit)

• Optional Custom Lear 35 (H-2598 Bit)

Fuel Tools

| Model Number | Purpose                               | Model Number | Purpose                           |
|--------------|---------------------------------------|--------------|-----------------------------------|
| 07-3004-6900 | Fuel Valve Test Tool                  | 07-8062-6000 | Fuel Calibration Test Unit        |
| 07-3014-0900 | Fuel Leakage Test Box                 | 07-8066-4000 | Fuel Boost Pump Valve Door Puller |
| 07-8017-6000 | Fuel Drain Valve Tool                 | 07-8091-6000 | Digital Fuel Quantity Test Unit   |
| 07-8018-4000 | Pressure Relief Fuel System Test Tool | 07-8092-6000 | Digital Fuel Quantity Test Unit   |
| 07-8019-4000 | Fuel Boost Pump Ring Wrench           |              |                                   |

# Ram Air Turbine (RAT) Test Equipment

## RAM AIR TURBINE (RAT) TEST UNIT

### Standard Features:

**Models:** 13-6600-3600 (A319, A320, A321, A330, A340 serial number 1047 and later)

**Replaces:** AGE-11212 Ground Test Tool (suitcase)

89415Z Flow Control Test Unit (tub)

- Tested and certified by Hamilton Sundstrand and Airbus Industries
- Ground test motor (AGE10600C) attaches easily to RAT lower gearbox using provided fasteners
- Powered from aircraft electrical system; no batteries or external power source
- Ground Test Tool hydraulic motor provides exact torque curve required to properly test RAT performance
- 20 ft. (6 m) hose lengths provide flexibility in positioning hydraulic power cart at aircraft
- Recessed, side mounted quick disconnects for easy external connection of hydraulic hoses, allowing all cabinet doors to remain closed during testing
- Both front and rear cabinet doors open fully for easy access to stored components, manuals and tools
- Ergonomic controls and instrumentation
- Easy-to-read digital data displays for RAT speed, pressure and flow
- Front panel clipboard rest for recording test procedure and holding data sheets
- Mounted on casters with side handles for ease of moving from storage to aircraft
- Floor lock for securing cart in position at aircraft
- Finish: Durable Powder Coat Tronair Blue
- 13-6600-3600 Dimensions:  
Length: 48 in (122 cm)  
Width: 23 (58)  
Height: 57 (145)  
Weight: 600 (272)



AGE10600C  
Ground Test Tool



13-6600-3600

### Specifications:

| Model Number | Reference (RAT)    | Manufacturer/Aircraft                               | Pressure psi (bar)         | Required HPU Series      |
|--------------|--------------------|-----------------------------------------------------|----------------------------|--------------------------|
| 13-6600-3600 | AGE11212, AQ89415Z | Airbus A319, A320, A321, A330, A340<br>Boeing 747-8 | 3,000 (207)<br>3,000 (207) | 5830, 5A33<br>5932, 5L33 |

## RAM AIR TURBINE (RAT) TEST TOOL

- The RAT Test Tool, powered by a suitable hydraulic cart, is used to back drive the RAT during ground testing
- The hydraulic motor provides power and speed capabilities consistent with the requirements of the ground test procedures
- 20 ft (6.1 m) long pressure supply and return hoses
- Heavy duty case - may be used for easy shipping and storage



13-6606-6600  
RAT Test Tool



13-6604-6600  
RAT Test Tool

### Specifications:

| Model Number   | Reference (RAT)       | Manufacturer/Aircraft                                         | Pressure psi (bar) | Required HPU Series |
|----------------|-----------------------|---------------------------------------------------------------|--------------------|---------------------|
| AGE10600C      | AGE10600C             | Airbus A319, A320, A321, A330, A340<br>Boeing 747-8           | 3,000 (207)        | 5830, 5A33          |
| 13-6604-6600   | AGE13604              | Embraer 170/195<br>China ARJ<br>Mitsubishi MRJ<br>Sukhoi S100 | 3,000 (207)        | 5730, 5731          |
| 13-6606-6600   | AGE13696, AGE13697    | Airbus A380                                                   | 5,000 (345)        | 5932, 5L33          |
| 13-6609-6610   | AGE14554A, AGE16635   | Boeing 787                                                    | 5,000 (345)        | 5932, 5933          |
| 13-6610-6600   | AGE14940              | Casa A400M                                                    | 5,000 (345)        | 5932, 5L33          |
| 13-6612-6600   | AGE15792              | Gulfstream G-650                                              | 3,000 (207)        | ---                 |
| **13-6613-6600 | AGE12699              | Bombardier CRJ, Challenger                                    | 3,000 (207)        | 5630, 5631          |
| 13-6614-6100   | AGE13698              | Falcon 7X                                                     | 3,000 (207)        | 5Q11                |
| 13-6616-6600   | AGE15792 (less motor) | Gulfstream G-650                                              | 3,000 (207)        | ---                 |
| 13-6617-6600   | AGE12699 (less motor) | Bombardier CRJ, Challenger                                    | 3,000 (207)        | 5630, 5631          |
| 13-6618-6100   | AGE13698 (less motor) | Falcon 7X                                                     | 3,000 (207)        | 5Q11                |

\*\*For Hamilton Sundstrand ADG 761339 and 1711405 series ONLY

### ACTUATOR ADJUSTMENT TOOL

- For adjustment of the RAT actuator arm

13-6605-6000

#### Specifications:

| Model Number       | Reference (RAT) | Manufacturer/Aircraft                                         |
|--------------------|-----------------|---------------------------------------------------------------|
| 13-6605-6000 ..... | AGE13603 .....  | Embraer 170/195<br>China ARJ<br>Mitsubishi MRJ<br>Sukhoi S100 |
| 13-6615-6000 ..... | AGE13721 .....  | Bombardier CRJ, Challenger<br>Falcon 7X<br>Gulfstream G-650   |



# Hydraulic Power Stand

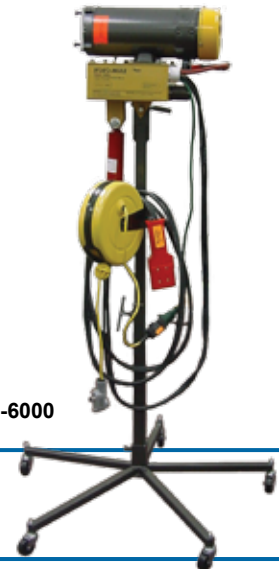
#### Standard Features:

- Utilizes your aircraft pump, filters, pressure regulator, and fluid
- No system contamination
- No possibility of over pressurizing system
- No fluid loss or leaks
- Easy installation
- Remote control cord reel, 50 ft of cord
- Highest quality, low profile 28VDC, 3,000 RPM, 3.5 HP continuous duty motor
- Reversible rotation by switching motor leads
- 15 ft power cord
- Heavy-duty ball-bearing casters
- Heavy-duty steel post with removable base

#### Specifications:

| Model Number       | Base<br>in (cm) square | Height               |                     | Weight<br>lb (kg) |
|--------------------|------------------------|----------------------|---------------------|-------------------|
|                    |                        | Collapsed<br>in (cm) | Extended<br>in (cm) |                   |
| 13-6603-6000 ..... | 36 (91.4) .....        | 56 (142.2) .....     | 66 (167.6) .....    | 112 (50.8)        |

13-6603-6000



- ## MANDATORY INFORMATION

**OPTIONS (alphabetical order)**

HYDRAULIC  
POWER  
UNIT

| char | fluid                            |
|------|----------------------------------|
| 1    | MIL-PRF-5606                     |
| 2    | MIL-PRF-83282                    |
| 3    | Phosphate Ester (Skydrol, Hyjet) |
| 4    | MIL-PRF-87257                    |

| char | voltage   | freq/phase | input cord |
|------|-----------|------------|------------|
| 0    | 208V      |            |            |
| 1    | 220-240V  | 60HZ       |            |
| 2    | 380-400V  |            | 50 ft      |
| 3    | 440-480V  | 3 Phase    | (15.2 m)   |
| 4    | 575V*     |            | input      |
| 5    | 200V      |            | cord       |
| 6    | 220-240VH | 50HZ       | length     |
| 7    | 380-400V  |            |            |
| 8    | 415V      | 3 Phase    |            |
| 9    | 440-480V  |            |            |
| Q    | 208V      |            |            |
| R    | 220-240V  | 60HZ       |            |
| S    | 380-400V  |            | 100 ft     |
| T    | 440-480V  | 3 Phase    | (30.5 m)   |
| U    | 575V*     |            | input      |
| V    | 200V      |            | cord       |
| W    | 220-240V  | 50HZ       | length     |
| X    | 380-400V  |            |            |
| Y    | 415V      | 3 Phase    |            |
| Z    | 440-480V  |            |            |

\* only in CE/CSA compliant

### Quick Disconnect (Hydraulic Couplings)

| char | color                    |                   |
|------|--------------------------|-------------------|
| 0    | desert sand              |                   |
| 1    | Tronair blue (standard)  |                   |
| 2    | safety yellow            |                   |
| 3    | red                      |                   |
| 4    | jade green               |                   |
| 5    | snow white               |                   |
| 7    | gray                     |                   |
| 9    | olive drab               |                   |
| C    | olive drab (low IR) *    | * additional cost |
| S    | special (call Tronair) * |                   |

| char | description                         |
|------|-------------------------------------|
| A    | 25 ft hoses                         |
| B    | 50 ft hoses                         |
| AA   | 25 ft hoses (dual system)           |
| AB   | 25 ft hoses and 50 ft hoses         |
| BB   | 50 ft hoses (dual system)           |
| C    | dual system                         |
| D    | dual system w/crossover check       |
| 3    | triple system*                      |
| E    | hourmeter (50HZ)                    |
| F    | hourmeter (60HZ)                    |
| G    | voltage monitor (200-230V)          |
| H    | voltage monitor (380V)              |
| I    | voltage monitor (415-460V)          |
| J    | voltage monitor (575V)              |
| K    | pyrometer                           |
| L    | electric reservoir level            |
| M    | hand pump                           |
| N    | towing/trailer package              |
| P    | reservoir return                    |
| Q    | calibration port                    |
| R    | electric filter clogged indicator   |
| S    | electric over temperature           |
| T    | return back pressure w/sight gauge  |
| U    | return sight gauge                  |
| V    | return back pressure                |
| W    | return filter                       |
| X    | height extension cart               |
| Y    | return sight gauge (dual system)    |
| Z    | no return valves (dual system)      |
| 1    | return back pressure (dual system)  |
| 2    | red stack light                     |
| 3    | triple system                       |
| 4    | drip pan                            |
| 5    | remote e-stop (50 ft)               |
| 6    | return sight gauge (triple system)* |
| 7    | hand pump (large displacement)*     |
| 8    | pressure reducing valve (single)*   |
| 9    | low flow hoses (single system)*     |

\* limited availability

77



### MODEL BY FLUID TYPE

| MIL-PRF-5606                                                         | MIL-PRF-83282 | Skydrol/Hyjet | MIL-PRF-87257 | Available Options                                           |
|----------------------------------------------------------------------|---------------|---------------|---------------|-------------------------------------------------------------|
| <b>6 GPM (23 LPM) &amp; 1,750 PSI (121 BAR), 3 HP, Series 50</b>     |               |               | Page 82       |                                                             |
| 50101                                                                | 50201         | 50301         | N/A           | A, C, D, F, K, P, T, W, X                                   |
| N/A                                                                  | 5F201         | N/A           | N/A           | A, F, K, W, X                                               |
| <b>6 GPM (23 LPM) &amp; 3,000 PSI (207 BAR), 5 HP, Series 51</b>     |               |               | Page 82       |                                                             |
| 51101                                                                | 51201         | 51301         | N/A           | A, C, D, F, K, M, T, W                                      |
| N/A                                                                  | 5B201         | N/A           | N/A           | A, C, D, F, K, M, W                                         |
| <b>10 GPM (38 LPM) &amp; 3,000 PSI (207 BAR), 15 HP, Series 52</b>   |               |               | Page 83       |                                                             |
| 5210152200                                                           | 52301         | 52401         |               | A, B, C, D, E, F, G, H, I, J, K, L, M, N, Q, R, S, U, V, Y, |
| N/A                                                                  | N/A           | *5H310        | N/A           | T (Phosphate Ester ONLY)                                    |
| <b>11 GPM (42 LPM) &amp; 5,000 PSI (345 BAR), 25 HP, Series 53</b>   |               |               | Page 83       |                                                             |
| 53101                                                                | 53201         | 53301         | 53401         | B, C, D, E, F, G, H, I, J, K, L, M, N, Q, R, S, V,          |
|                                                                      |               |               |               | T (Phosphate Ester ONLY)                                    |
| <b>15 GPM (57 LPM) &amp; 3,500 PSI (241 BAR), 25 HP, Series 54</b>   |               |               | Page 83       |                                                             |
| 54101                                                                | 54201         | 54301         | 54401         | B, C, D, E, F, G, H, I, J, K, L, M, N, Q, R, S, U, V, Y,    |
|                                                                      |               |               |               | T (Phosphate Ester ONLY)                                    |
| <b>20 GPM (75.7 LPM) &amp; 4,000 PSI (207 BAR), 30 HP, Series 5J</b> |               |               | Page 83       |                                                             |
| 5J101                                                                | 5J201         | 5J301         | 5J401         | B, C, D, E, F, G, H, I, J, K, L, M, Q, R, S,                |
|                                                                      |               |               |               | T (Phosphate Ester ONLY)                                    |
| <b>25 GPM (95 LPM) &amp; 5,000 PSI (345 BAR), 75 HP, Series 55</b>   |               |               | Page 85       |                                                             |
| 55101                                                                | 55201         | 55301         | 55401         | B, C, H, I, J, L, M, N                                      |
| <b>34 GPM (129 LPM) &amp; 3,500 PSI (241 BAR), 40 HP, Series 56</b>  |               |               | Page 85       |                                                             |
| 56101                                                                | 56201         | 56301         | 56401         | B, C, G, H, I, J, L, M, N, U, Y                             |
| <b>34 GPM (129 LPM) &amp; 3,500 PSI (241 BAR), 75 HP, Series 57</b>  |               |               | Page 85       |                                                             |
| 57101                                                                | 57201         | 57301         | 57401         | B, C, H, I, J, L, M, N, U, Y                                |
| <b>50 GPM (189 LPM) &amp; 3,500 PSI (241 BAR), 100 HP, Series 58</b> |               |               | Page 87       |                                                             |
| N/A                                                                  | N/A           | *58301        | N/A           | B, C, H, I, J, L, M, N                                      |
| <b>50 GPM (189 LPM) &amp; 5,000 PSI (345 BAR), 150 HP, Series 59</b> |               |               | Page 87       |                                                             |
| N/A                                                                  | N/A           | *59321        | N/A           | B, C, H, I, J, L, M, N                                      |
| <b>65 GPM (246 LPM) &amp; 3,500 PSI (241 BAR), 150 HP, Series 5A</b> |               |               | Page 87       |                                                             |
| N/A                                                                  | N/A           | *5A321        | N/A           | B, C, H, I, J, L, M, N                                      |
| <b>65 GPM (246 LPM) &amp; 5,000 PSI (845 BAR), 150 HP, Series 5L</b> |               |               | Page 87       |                                                             |
| N/A                                                                  | N/A           | *5L321        | N/A           | B, C, H, I, J, L, M, N                                      |

\* Available with Soft Start, see ordering instructions on previous page

It is the responsibility of the purchaser to specify CE compliance if required

## Hydraulic Power Units - Optional Features

These options will customize a hydraulic power unit to meet your requirements.

See previous page for option availability per model number.

### Option A – 25 ft (7.6 m) Hoses

Replaces standard 15 ft. (4.5 m) Note: Two (2) A's (AA) options may be required for a dual system (Option C)

### Option B – 50 ft (15.2 m) Hoses

Replaces standard 25 ft. (7.6 m) hose. Note: Two (2) B's (BB) options may be required for a dual system (Option C)

### Option C – Dual System

Adds a second set of pressure and return hoses with shut off valves

### Option D – Dual System With Crossover Check

Simulate helicopter main system failure to test secondary system for correct operation

### Option E – Hour Meter (50 Hz)

Adds monitor to help schedule filter changes and other maintenance functions

### Option F – Hour Meter (60 Hz)

Adds monitor to help schedule filter changes and other maintenance functions

### Option G – Voltage Monitor (200/230 Vac)

Adds a shut down feature in the event an incorrect input voltage, phase loss, incorrect phase sequence, low voltage, high voltage and or unbalanced voltage occurs

### Option H – Voltage Monitor (380 Vac)

Same description as Option G

### Option I – Voltage Monitor (415/460 Vac)

Same description as Option G

### Option J – Voltage Monitor (575 Vac)

Same description as Option G

### Option K – Pyrometer

Adds a temperature gauge to monitor return oil temperature

### Option L – Electronic Reservoir Sensor

Adds a feature to power unit down if reservoir fluid level is either too high or too low. Includes panel warning lights

### Option M – Hand Pump

Adds a 5,000 psi (345 bar) Hi/Lo hand pump, 2 micron filter & 10,000 psi (690 bar) pressure gauge to be used for reservoir service or component testing. Except on 51, 5B and 5C Series units, a 500 psi (34.5 bar) hand pump is added, no pressure gauge

### Option N - Towing/Trailer Package

Adds rubber tires, leaf springs suspension, automatic brake and towbar for towing between hangers

### Option P – Overflow Return Hose

Adds a reservoir return dump hose from aircraft reservoir to unit reservoir

### Option Q – Calibration Port

Adds the capability to attach a test gauge to instrument panel to calibrate pressure gauge to rated capacity of the hydraulic unit

### Option R – Electric Filter Clogging Indicator

Adds a sensor to detect pressure differential between filter input and output with a panel warning light to detect need for filter change

### Option S – Over Temperature Shutoff Sensor

Adds sensor to the return system of the hydraulic unit to shut down before it over heats. Includes panel warning lights

### Option T – Return Backpressure With Return Sight Glass

Controls return hose backpressure. Sight glass on addition return hose is included (For use with Citation aircraft where required)

### Option U – Return Sight Glass

Adds a sight glass to monitor possible air in return line fluid

### Option V – Return Backpressure Valve

Adds an adjustable backpressure valve that prevents aircraft reservoir from draining back to unit reservoir

### Option W – Return Filter

Adds a 5 micron return filter to those units where it is not standard (Series 50 & 51 hydraulic units only)

### Option X – Height Extension Unit

Used on series 50 hydraulic unit to raise controls to a more comfortable operating height

### Option Y – Dual Return Sight Glass

For use with dual system

### Option Z – No Return Valves

For use with dual system

### Option 1 – Return Backpressure

For use with dual system

### Option 2 – Red Stack Light

Tower light with red LED bulb

### Option 4 – Drip Pan

Stainless steel pan covering the bottom of the unit to eliminate possible fluid drips

### Option 5 – Remote E-Stop

Hand held pendant with emergency stop button on a 50 ft. cord

### Option 6 – Return Sight Gauge (Triple System)

Adds sight gauges to monitor possible air in return line fluid

### Option 7 – Hand Pump (Large Displacement)

Adds a 200 psi (13.8 bar), 8 cu-in/stroke hand pump, 2 micron filter & 300 psi (20.7 bar) pressure gauge to be used for reservoir service.

### Option 8 – Pressure Reducing Valve

Adds the ability to reduce the pressure in one system while maintaining full pressure in the other

It is the responsibility of the purchaser to specify CE compliance if required

## Standard Features:

- Portable, compact unit that easily adapts to mobile use
- 0-¾ gpm, 1500 psi capable
- Easy to use
- Increase aircraft component life, reduce aircraft filter changes
- 3/4 HP electric motor used 120 or 230 volt, 60 or 50 hz single phase power
- Bypass (dump) valve allows starting and stopping of the unit under a no-load, safe condition
- Best filtration in the industry, every unit is cleanliness certified
- High efficiency, non-bypassing pressure filter with 2-micron absolute, Microglass III element
- NIST calibrated pressure gauge
- Zero leak, no pipe thread design
- Models for every fluid type
- Hoses and power cord are stored neatly in the compact rugged unit
- Retractable handle makes moving the unit effortless
- Finish: Durable Powder Coat Tronair Blue (Skydrol resistant)



5Z211ZZF

## Specifications:

| Model Number   | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|----------------|-------------------|------------------|-------------------|-------------------|
| 5Z211ZZF ..... | 32 (331) .....    | 15 (212) .....   | 15 (207.6) .....  | 150 (68) .....    |

## Special Purpose Hydraulic Power Units

### 5B, 5C, 5D, 5E, 5F, 5G, 5H, 5P & 5Q Series

#### Special Features:

- 5B20** .....reservoir selector valve, pyrometer and return sight glass
- 5D10** .....backpressure valve, aircraft and run around couplings
- 5E10** .....backpressure valve, aircraft and run around couplings
- 5F20** .....reservoir overflow hose, return sight glass, no selector valve
- 5G30** .....locking switch, high pressure return hoses and valves, white paint
- 5H31** .....dual system, 25 ft & 50 ft hoses, hourmeter, pyrometer, clogging indicator, aircraft couplings, spare filter element, no return valves
- 5P10** .....triple system
- 5Q11** .....triple system
- 5R10** .....dual system, separate pressure controls, digital flowmeter, backpressure valves, aircraft and run around couplings, dual sample ports

## Specifications:

| Series     | Manufacturer/Aircraft              | Fluid                  | Pressure<br>Max<br>psi (bar) | Flow<br>Max<br>gpm (lpm) | Flow at Rated<br>Pressure<br>gpm (lpm) | Motor<br>hp (kw) | Weight<br>lb (kg) |
|------------|------------------------------------|------------------------|------------------------------|--------------------------|----------------------------------------|------------------|-------------------|
| 5B20 ..... | Cessna Citation Pkg. A .....       | MIL-PRF-83282 .....    | 3000 (207) .....             | 6 (23) .....             | 2.4 (9) .....                          | 5 (3.7) .....    | 525 (238) .....   |
| 5C10 ..... | Bombardier Lear 45 (factory) ..... | MIL-PRF-5606 .....     | 5000 (345) .....             | 11 (42) .....            | 5.8 (22) .....                         | 20 (15) .....    | 1192 (541) .....  |
| 5D10 ..... | Raytheon JPATS .....               | MIL-PRF-5606 .....     | 3000 (207) .....             | 6 (23) .....             | 4.9 (18) .....                         | 10 (7.5) .....   | 550 (249) .....   |
| 5E10 ..... | Pilatus PC9 .....                  | MIL-PRF-5606 .....     | 3000 (207) .....             | 6 (23) .....             | 4.9 (18) .....                         | 10 (7.5) .....   | 550 (249) .....   |
| 5F20 ..... | Cessna Citation Pkg. B .....       | MIL-PRF-83282 .....    | 1750 (121) .....             | 6 (23) .....             | 2.5 (9) .....                          | 3 (2.2) .....    | 320 (145) .....   |
| 5G30 ..... | Gulfstream (factory) .....         | Skydrol or Hyjet ..... | 3500 (241) .....             | 34 (129) .....           | 31.2 (118) .....                       | 40 (30) .....    | 3500 (1588) ..... |
| 5H31 ..... | Bombardier Dash-8 100/300 .....    | Skydrol or Hyjet ..... | 3500 (241) .....             | 11 (42) .....            | 6.2 (24) .....                         | 15 (11.2) .....  | 1200 (544) .....  |
| 5P10 ..... | Dassault/Falcon 7X .....           | MIL-PRF-5606 .....     | 4000 (276) .....             | 20 (76) .....            | 11 (42) .....                          | 30 (22) .....    | 1650 (48) .....   |
| 5Q11 ..... | Dassault/Falcon 7X (factory) ..... | MIL-PRF-5606 .....     | 3500 (241) .....             | 25 (95) .....            | 16.6 (63) .....                        | 40 (30) .....    | 3500 (1588) ..... |
| 5R10 ..... | Agusta AW139 (factory) .....       | MIL-PRF-5606 .....     | 4000 (276) .....             | 20 (76) .....            | 11 (42) .....                          | 30 (22) .....    | 1650 (48) .....   |

# Diesel Engine Driven Hydraulic Power Units

## Standard Features:

- Cummins, QSB4.5P130, Tier 3, 130 HP, 1800 rpm diesel engine (Jet-A or diesel fuel)
- 0-34 gpm, 250-4000 psi, flow and pressure ratings
- Hydraulic System Meters: Digital (0.1% FS) flow meter, digital (0.25% FS) pressure gauge, digital (0.5% FS) temperature gauge
- Engine System Monitor: Back lit digital display and diagnosis (DDD) with hour meter, and LED indicator lights
  - The Engine DDD is a multifunction tool, which displays many engine-operating parameters including oil pressure, oil temperature, RPM, running hours, coolant temperature and fuel consumption. For the technician, the DDD can display service reminders for filter replacements, active fault codes and stored service codes for easy engine maintenance and diagnostics
- Hydraulic Operation and Controls
  - Hydraulic system open or closed loop via four way selector valve
  - Pressure Control Valve
  - Flow Control Valve
  - Bypass Valve for loading and unloading the hydraulic pump
  - Hand Pump Gauge
  - Pressure Gauge Calibration Port
  - Calibration Port Shut Off Valve
  - Selector Valve to select between aircraft or HPU reservoir
- User friendly engine control panel for easy operation, includes service tool socket
- Pressure Filtration: 2 micron, non-bypass type (beta rating >200 @ 2 micron)
- Return Filtration: 5 micron, bypass type (beta rating > 300 @ 5 micron)
- 70 gallon stainless steel hydraulic reservoir with desiccant breather, drain valve, and air removal system
- Large forced air cooler (20+ HP heat removal) hydraulic heat exchanger, thermostat controlled cooling system
- 24 volt, dual battery for cold weather starts
- Engine block and grid heater cold weather system
- Reservoir Service/Component Testing: Manual two stage hand pump (high volume / 5000 psi) with 2 micron, non-bypass type (beta rating >200 @ 2 micron) pressure filter
- Convenient hangers and trays to hold and contain the hydraulic hoses when not in use on the aircraft
- Ruggedized frame with enclosed fork lift tubes and 10,000 lb tie down rings
- Running gear rated for 8500 lbs. and 10 mph, Four wheel Ackerman steering with leaf spring trailer towing system with two wheel parking brake
- Bright LED lighting on engine and hydraulic instrument panels, and unit corner lights for night operation
- Large 35 gallon fuel tank for 12+ hours of use
- Hydraulic fluid sample port for contamination testing
- Quiet Operation: Less than 85 dbA at three feet noise level
- Hydraulic high and low reservoir shutoff feature with LED warning and indicating lights (panel and stack)
- Hydraulic high temperature shutoff feature (160° F) with LED warning and indicating lights (panel and stack)
- Engine no fuel and low fuel, high temperature, and low oil pressure LED indicating lights (panel and stack)
- Lubricity and fuel/water separator with water-in-fuel (WIF) sensor
- Low coolant shut down system
- Pressure filter clogging indicator LED light with reset button
- Pressure gauge calibration port for (on unit) calibration with safety shut-off valve
- Emergency stop button, system pressure relief valve, maintenance only access panels, return system pressure relief valve, automatic warning and shutdown systems
- Fire extinguisher
- Easy access, light weight, removable pin hinged panels for full access to all maintenance components
- Corrosion resistant galvanized sheet metal and resistant stainless steel hardware
- CE Marked
- Powder coated (and Jet-Glo) Skydrol and UV resistant painted steel panels
- Finish: Durable Powder Coat Tronair Blue



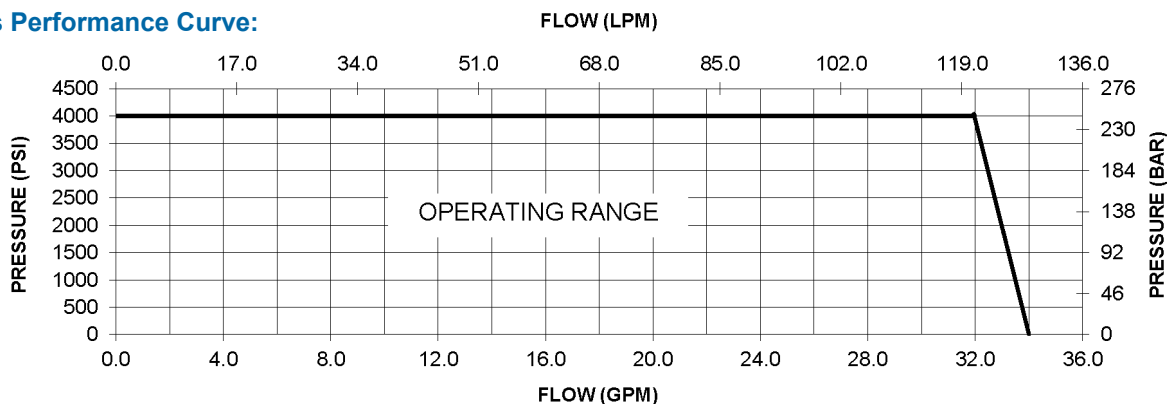
Control Panel



## Specifications:

| Model Number    | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm)  | Weight<br>lb (kg) |
|-----------------|-------------------|------------------|--------------------|-------------------|
| 67 Series ..... | 130.31 (331)..... | 83.5 (212).....  | 81.75 (207.6)..... | 8500 (3856)       |

## 67 Series Performance Curve:





## Standard Features:

- 6 gpm (22.7 lpm) pressure compensated pump with adjustable flow and pressure controls
- Certified pressure gauge
- 0-10 gpm (0-38 lpm) dual scale flowmeter
- 2.4 gpm (9 lpm) flow at rated pressure
- Bypass valve
- Reservoir selector valve
- High efficiency, non-bypassing pressure filter with 2-micron absolute, Microglass III element (Beta rating > 2,000 based on ISO 4572)
- #8 pressure and #16 return hoses (PE), or #12 return hose (MB), 15 ft. (4.5 m) long with 37° female JIC swivel connectors
- Standard 50 ft. (15.2 m) input power cord
- Heavy duty 3 phase motor
- Heavy duty starter with overload protection and external manual reset button
- Sturdy welded steel frame with 16 gauge sheet metal cabinet
- Fluid sample valve
- Operating instruction located on instrument panel
- Two (2) fixed and two (2) swivel casters for easy maneuvering
- Finish: Durable Powder Coat Tronair Blue

## Additional Standard Features:

### 50 Series ONLY:

- Corrosion resistant 10 gal (37.9 l) reservoir
- Removable lid for easy access
- Push handle acts as hose hanger

### 51 Series ONLY

- Stainless steel 13 gal (49 l) reservoir
- Heat exchanger with electric fan
- Illuminated On/Off switch
- Front access door panel for ease of maintenance

## Available Options:

- **Options:**  
**50 Series** - A, C, D, F, K, P, T, W, X  
**51 Series** - A, C, D, F, K, M, T, W  
*(see page 79 for option description)*
- **Input Voltage** (Required) - *(see page 78)*
- **Protective Cover**  
**50 Series** - H-1338  
**51 Series** - H-1339
- **Coupling Kits** - *(see pages 89 - 93)*
- **Unit Self Servicing Kit** - Part Number K-3590 (MB)  
 Part Number K-3591 (PE)



## Specifications:

| Series  | Pressure<br>Max<br>psi (bar) | Gauge Max<br>psi (bar) | Motor<br>hp (kW) | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|---------|------------------------------|------------------------|------------------|-------------------|------------------|-------------------|-------------------|
| 50..... | 1750 (121)                   | 3000 (207)             | 3 (2.2)          | 48 (122)          | 30 (76)          | *37 (94)          | 341 (155)         |
| 51..... | 3000 (207)                   | 5000 (345)             | 5 (3.7)          | 45 (114)          | 33 (84)          | 44 (111)          | 501 (227)         |

\* Height with option X is 55 in (140 cm)

# 5J, 52, 53 & 54 Series Hydraulic Power Units

## Standard Features:

- Adjustable working pressure
- 3 phase, electric motor available in 10 voltages (50 or 60 Hz)
- Adjustable pressure compensated, variable volume, piston pump
- 30 gal (114 l) stainless steel reservoir with desiccant air filtration canister
- Large fluid cooler with 3 phase electric fan (16,000 btu/hr cooling capacity)
- High efficiency, non-bypassing pressure filter with 2-micron absolute, Microglass III element (Beta rating > 1,000 based on ISO 4572)
- Large capacity return filter with 5 micron absolute, Microglass III element (Beta rating > 200 based on ISO 4572)
- Easy access fluid sampling valve (meets ANSI T2.24.1-1991)
- 1-15 gpm (4-56 lpm) dual scale flowmeter
- 2-25 gpm (7.6-95 lpm) 5J Series ONLY
- Dual scale pressure gauge

- Standard 25 ft (7.62 m) pressure and return hoses
- Standard 15 ft (4.57 m) **52 Series ONLY**
- Standard 50 ft. (15.24 m) input power cord without input plug
- Finish: Durable Powder Coat Tronair Blue
- Dimensions:
  - Length: 54 in (137 cm)
  - Width: 51 in (130 cm)
  - Height: 50 in (127 cm)

## Available Options:

- **Options**
  - 5J Series** - B, C, D, E, F, G, H, I, J, K, L, M, N, Q, R, S, T
  - 52 Series** - A, B, C, D, E, F, G, H, I, J, K, L, M, N, Q, R, S, T
  - 53 Series** - B, C, D, E, F, G, H, I, J, K, L, M, N, Q, R, S, T
  - 54 Series** - B, C, D, E, F, G, H, I, J, K, L, M, N, Q, R, S, T, U, V (see page 79 for option description)
- **Input Voltage** (Required) - (see page 78)
- **Coupling Kits** - (see pages 89 - 93)



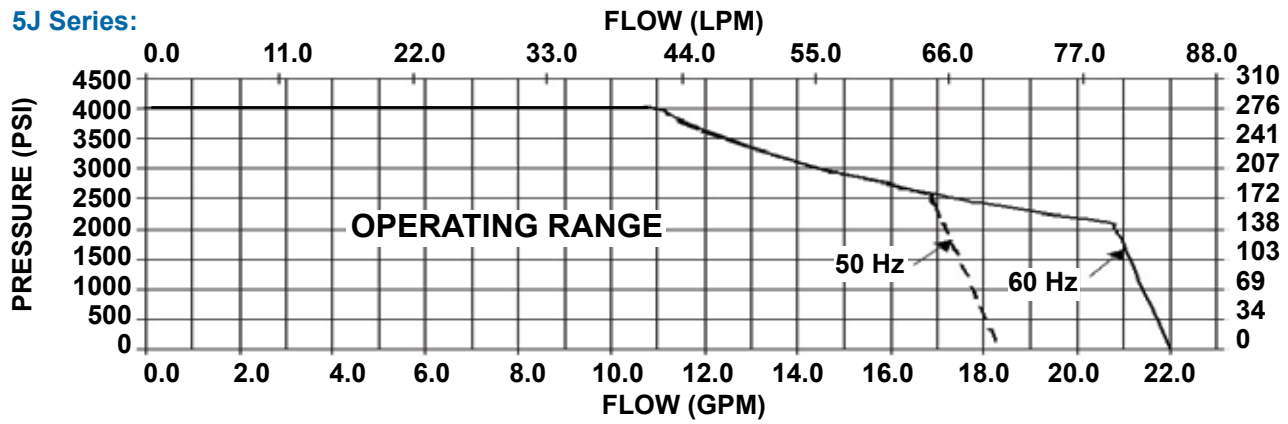
## Key for Performance Curves:

KEY: — — — — — = 50 Hz  
 ————— = 60 Hz

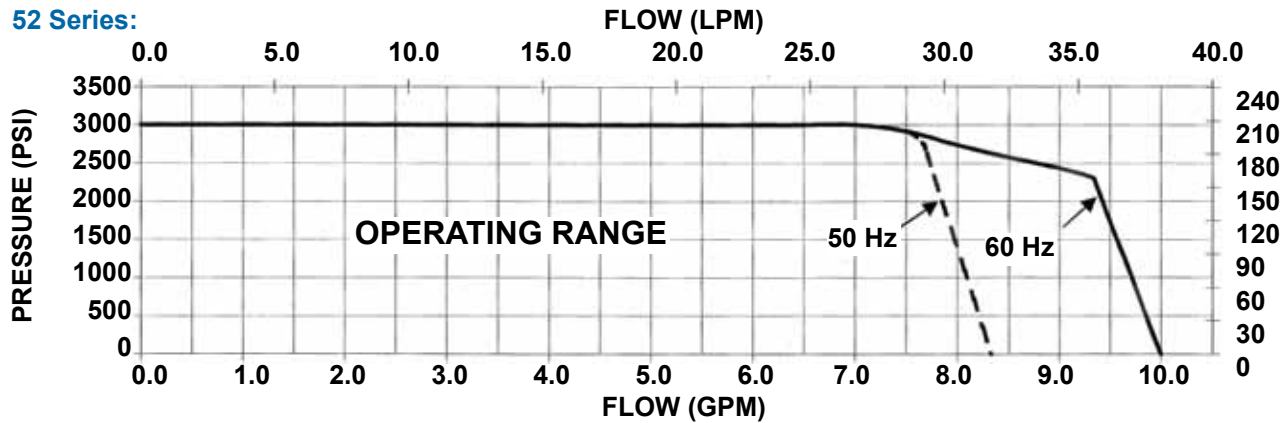
## Specifications:

| Series  | Rated Pressure<br>psi (bar) | Motor<br>hp (kW) | Rated Flow         |                    | Pressure<br>Hose<br>size | Return<br>Hose<br>size | Weight<br>lb (kg) |
|---------|-----------------------------|------------------|--------------------|--------------------|--------------------------|------------------------|-------------------|
|         |                             |                  | 50 Hz<br>gpm (lpm) | 60 Hz<br>gpm (lpm) |                          |                        |                   |
| 5J..... | 250-4000 (17-276)           | 30 (22)          | 16.7 (63)          | 20 (76)            | 12 (3/4")                | 16 (1")                | 1650 (748)        |
| 52..... | 750-3000 (52-207)           | 15 (11)          | 8.3 (31.4)         | 10 (37.8)          | 8 (1/2")                 | 12 (3/4")              | 1200 (544)        |
| 53..... | 750-5000 (52-345)           | 25 (19)          | 9 (34.6)           | 11 (41.6)          | 8 (1/2")                 | 16 (1")                | 1450 (658)        |
| 54..... | 750-3500 (52-241)           | 25 (19)          | 12 (47.3)          | 15 (56.7)          | 12 (3/4")                | 16 (1")                | 1450 (958)        |

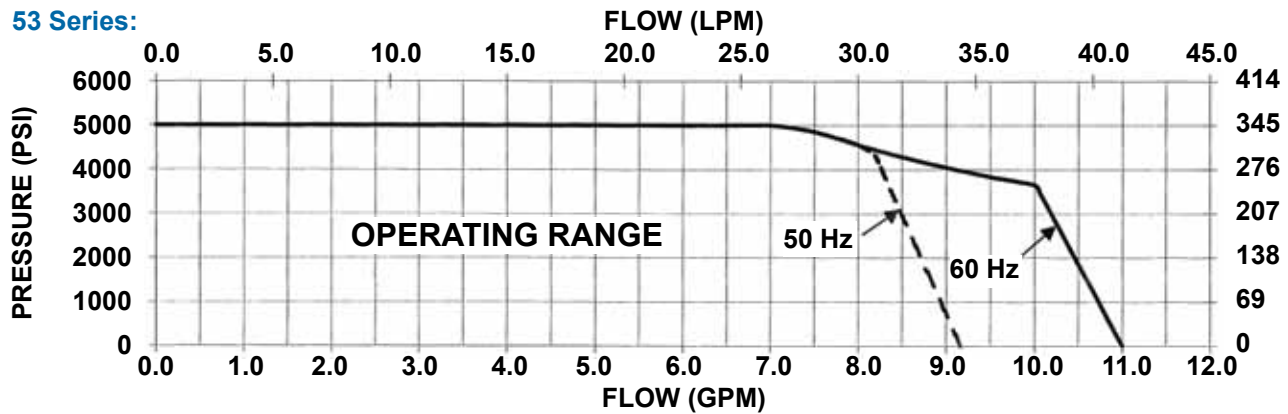
5J Series:



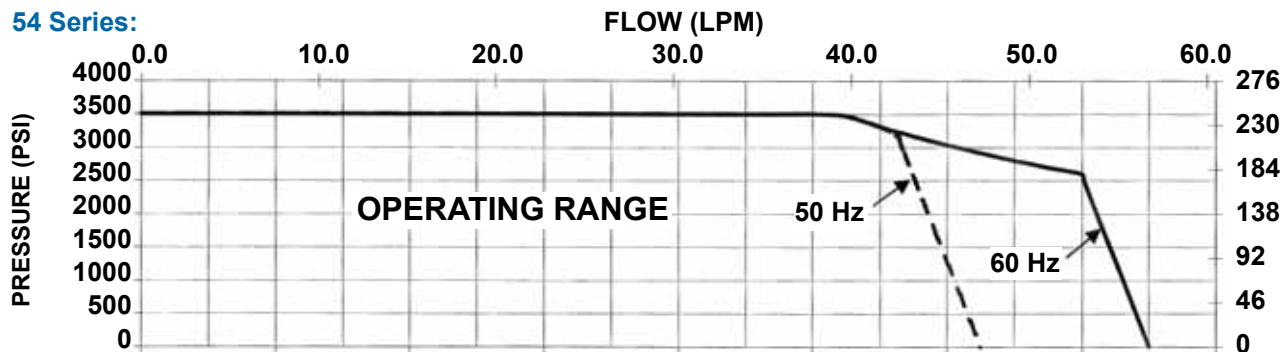
52 Series:



53 Series:



54 Series:



## 55, 56 & 57 Series Hydraulic Power Units

### Standard Features:

- Adjustable working pressure
- 3 phase, electric motor available in 6 voltages (50 or 60 Hz)
- Adjustable pressure compensated, variable volume, piston pump
- 70 gal (265 l) stainless steel reservoir with desiccant air filtration canister
- Large fluid cooler with 3 phase electric fan (38,000 btu/hr cooling capacity)
- High efficiency, non-bypassing pressure filter with 2-micron absolute, Microglass III element (Beta rating > 200 based on ISO 4572)
- Large capacity return filter with 5 micron absolute, Microglass III element (Beta rating > 300 based on ISO 4572)
- Easy access fluid sampling valve (meets ANSI T2.24.1-1991)
- 2-48 gpm (8-180 lpm) dual scale flow meter
- Dual scale pressure gauge
- Standard 25 ft (7.62 m) pressure and return hoses
- Standard 50 ft. (15.24 m) input power cord without input plug
- High Fluid temperature (>160° F) shut off switch with LED indicator light
- -40 to 180° F (-40 to 80° C) dual scale pyrometer
- Hourmeter
- Galvannealed sheet metal to prevent corrosion
- Finish: Durable Powder Coat Tronair Blue

### Dimensions:

- Length: 82 in (208 cm)  
89 in (226 cm) with option N,  
Towing Trailer package
- Width: 63.75 in (162 cm)  
70.75 in (180 cm) with option C, Dual System
- Height: 62 in (158 cm)  
70.5 in (180 cm) with option N,  
Towing Trailer package

### Available Options:

- **Options**  
**55 Series** - B, C, H, I, J, L, M, N  
**56 Series** - B, C, G, H, I, J, L, M, N, U  
**57 Series** - B, C, H, I, J, L, M, N, U, Y  
*(see page 79 for option description)*
- **Input Voltage** (Required) - *(see page 78)*
- **Coupling Kits** - *(see pages 89 - 93)*



### Key for Performance Curves:

KEY: — — — — — = 50 Hz  
 ————— = 60 Hz



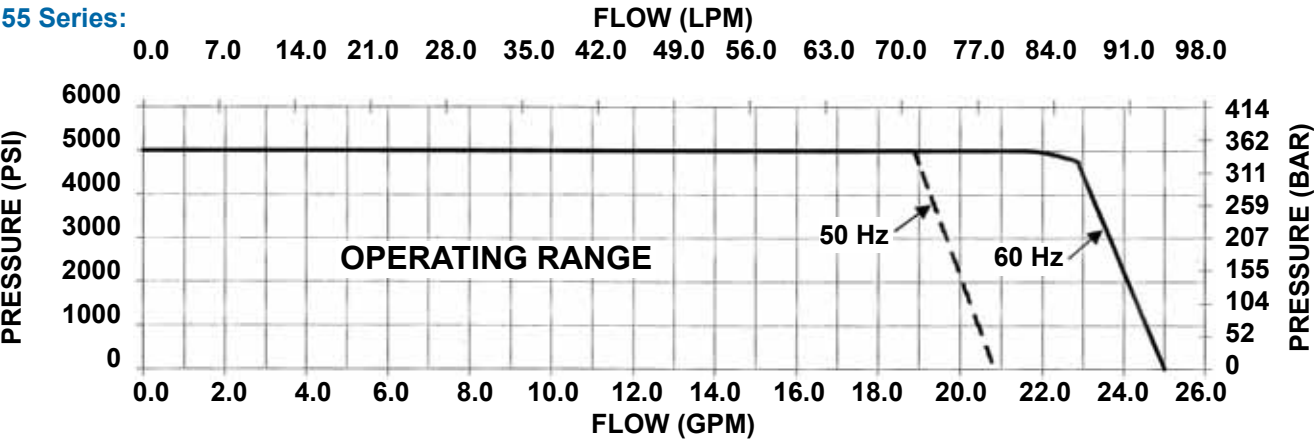
56 Series

### Specifications:

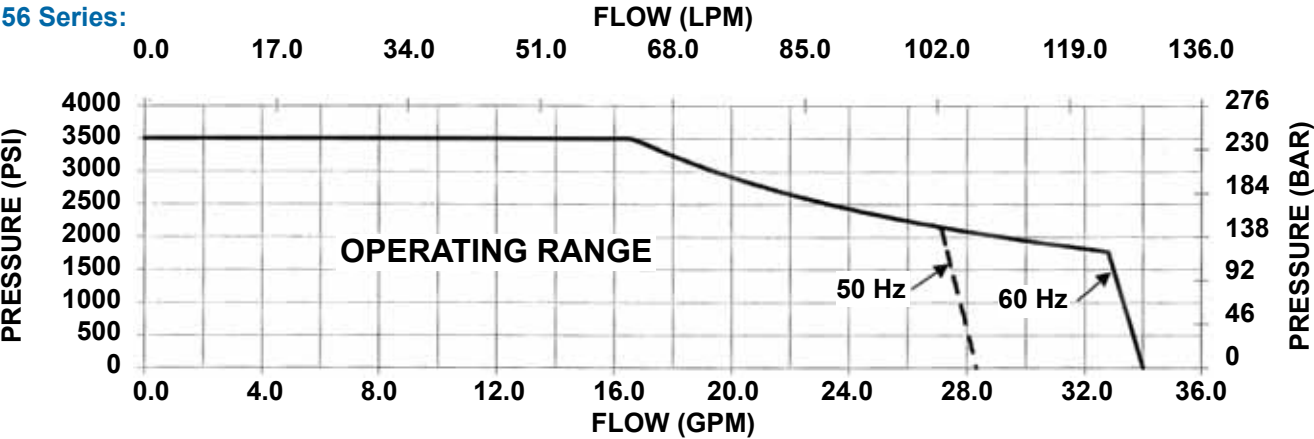
| Series  | Rated Pressure<br>psi (bar) | Motor<br>hp (kW) | Rated Flow         |                    | Pressure<br>Hose size | Return<br>Hose size | Weight<br>lb (kg) |
|---------|-----------------------------|------------------|--------------------|--------------------|-----------------------|---------------------|-------------------|
|         |                             |                  | 50 Hz<br>gpm (lpm) | 60 Hz<br>gpm (lpm) |                       |                     |                   |
| 55..... | 250-5000 (17.2-345)         | 75 (56).....     | 20 (78) .....      | 25 (94.6) .....    | 12 (3/4") .....       | 20 (1 1/4") .....   | 3500 (1588)       |
| 56..... | 250-3500 (17.2-241)         | 40 (30).....     | 28 (107) .....     | 34 (129) .....     | 16 (1") .....         | 24 (1 1/2") .....   | 3150 (1430)       |
| 57..... | 250-3500 (17.2-241)         | 75 (56).....     | 28 (107) .....     | 34 (129) .....     | 16 (1") .....         | 24 (1 1/2") .....   | 3500 (1588)       |



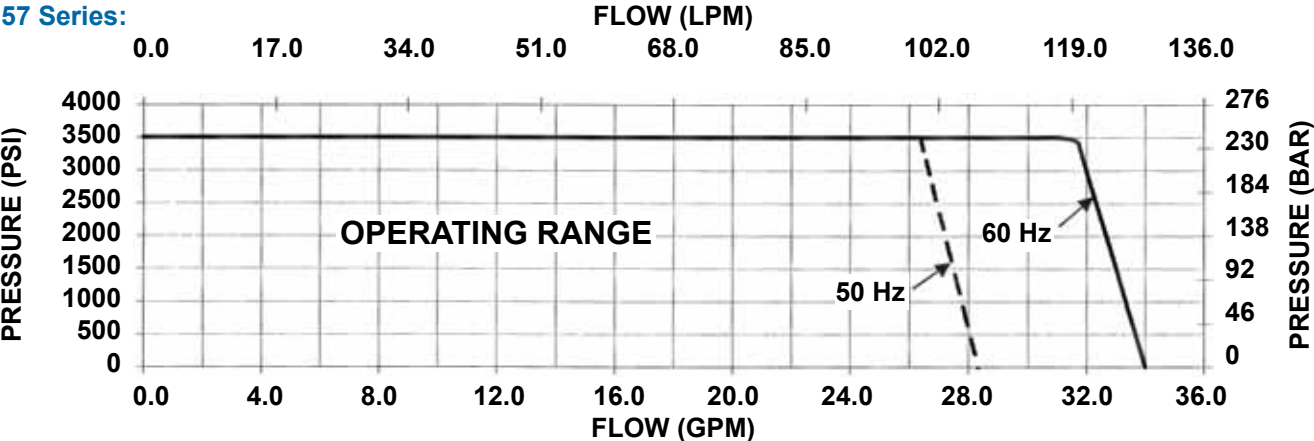
55 Series:



56 Series:



57 Series:



## 5A, 5L, 58 & 59 Series Hydraulic Power Units

### Standard Features:

- Adjustable working pressure
- 3 phase, electric motor available in 6 voltages (50 or 60 Hz)
- Adjustable pressure compensated, variable volume, piston pump
- 150 gal (568 l) stainless steel reservoir with desiccant air filtration canister
- Large oil cooler with 3 phase electric fan (48,000 btu/hr cooling capacity)
- High efficiency, non-bypassing pressure filter with 2-micron absolute, Microglass III element (Beta rating > 400 based on ISO 4572)
- Large capacity return filter with 5 micron absolute, Microglass III element (Beta rating > 300 based on ISO 4572)
- Easy access fluid sampling valve (meets ANSI T2.24.1-1991)
- 2.5-80 gpm (10-300 lpm) dual scale flow meter
- Dual scale pressure gauge
- Standard 25 ft (7.62 m) pressure and return hoses
- Standard 50 ft. (15.24 m) input power cord without input plug
- High Fluid temperature (>160° F) shut off switch with LED indicator light
- -40 to 180° F (-40 to 80° C) dual scale pyrometer
- Hourmeter
- Electric Soft Start (optional)
- Galvannealed sheet metal to prevent corrosion
- Finish: Durable Powder Coat Tronair Blue



### Key for Performance Curves:

KEY: — — — — — = 50 Hz  
 ————— = 60 Hz

### Dimensions:

- Length: 101 in (257 cm)
- 116 in (295 cm) with option N, Towing Trailer package
- Width: 82 in (208 cm)
- 89 in (226 cm) with option C, Dual System
- Height: 62.5 in (159 cm)
- 71 in (181 cm) with option N, Towing Trailer package

### Available Options:

- **Options** - B, C, H, I, J, L, M, N  
(see page 79 for option description)
- **Input Voltage** (Required) - (see page 78)
- **Coupling Kits** - (see pages 89 - 93)

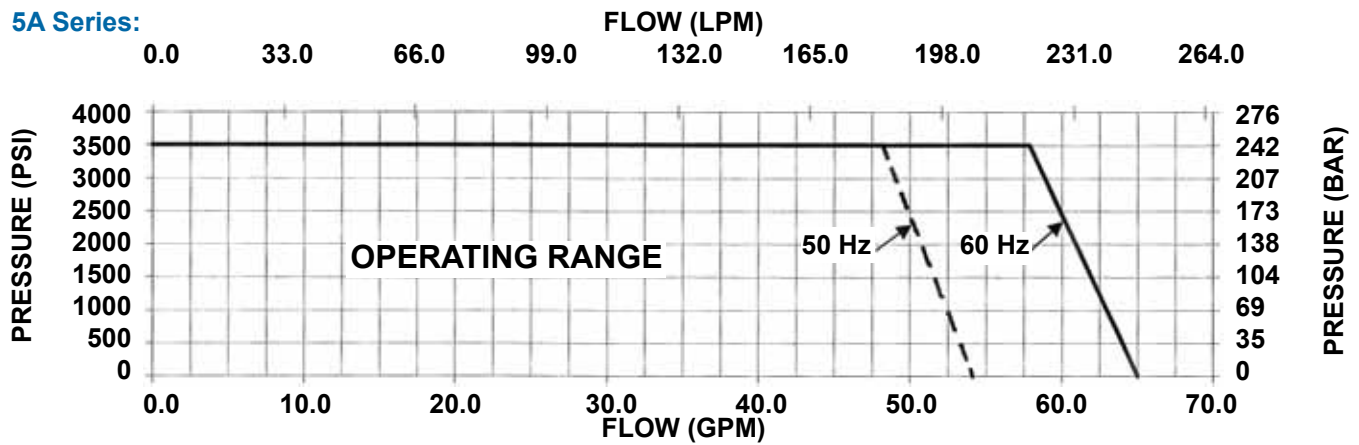


58 Series

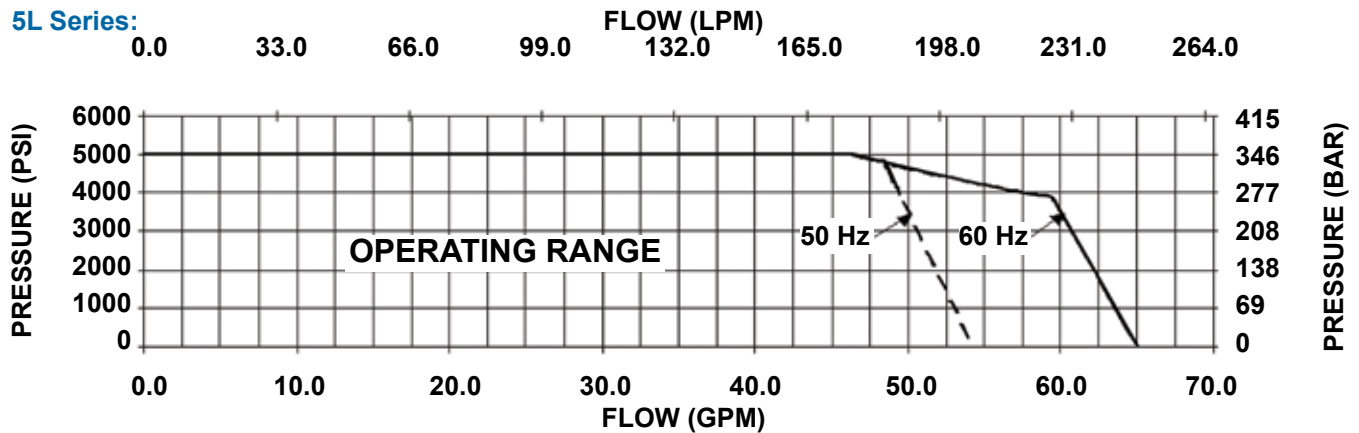
### Specifications:

| Series   | Rated Pressure<br>psi (bar) | Motor<br>hp (kW) | Rated Flow         |                    | Pressure<br>Hose<br>size | Return<br>Hose<br>size | Weight<br>lb (kg) |
|----------|-----------------------------|------------------|--------------------|--------------------|--------------------------|------------------------|-------------------|
|          |                             |                  | 50 Hz<br>gpm (lpm) | 60 Hz<br>gpm (lpm) |                          |                        |                   |
| 5A ..... | 250-3500 (17.2-241)         | 150 (112)        | 54 (205)           | 65 (264)           | 16 (1")                  | 24 (1 1/2")            | 6500 (2948)       |
| 5L ..... | 250-5000 (17.2-345)         | 150 (112)        | 54 (205)           | 65 (264)           | 16 (1")                  | 24 (1 1/2")            | 6500 (2948)       |
| 58 ..... | 250-3500 (17.2-241)         | 100 (75)         | 41 (155)           | 50 (190)           | 16 (1")                  | 24 (1 1/2")            | 6000 (2722)       |
| 59 ..... | 250-5000 (17.2-345)         | 150 (112)        | 41 (155)           | 50 (190)           | 16 (1")                  | 24 (1 1/2")            | 6500 (2948)       |

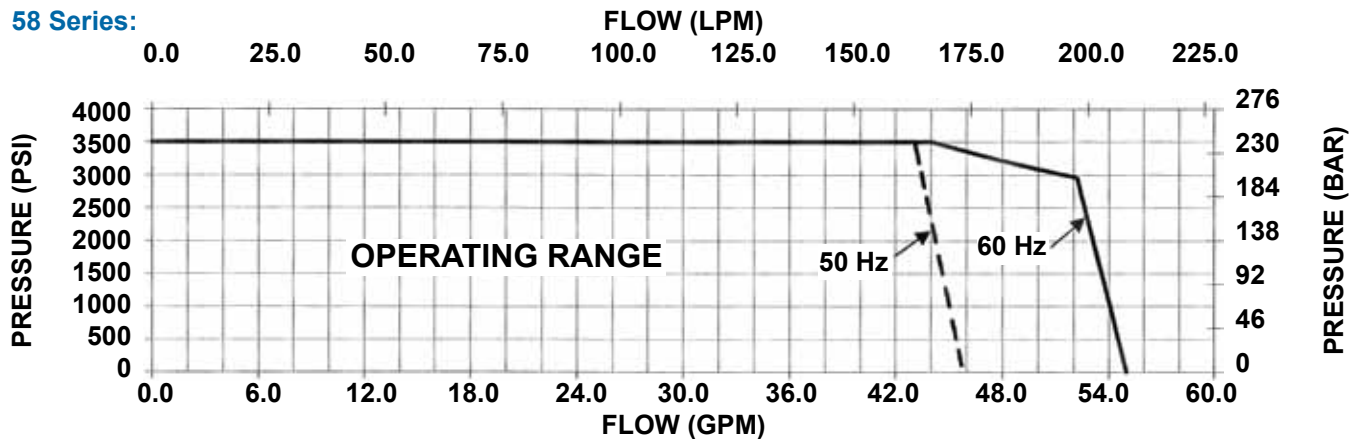
### 5A Series:



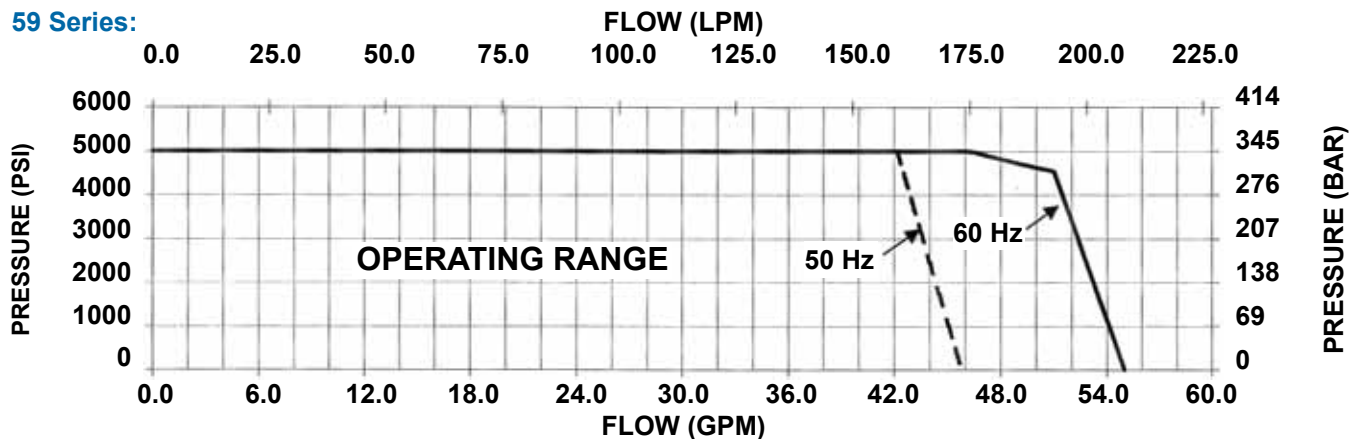
### 5L Series:



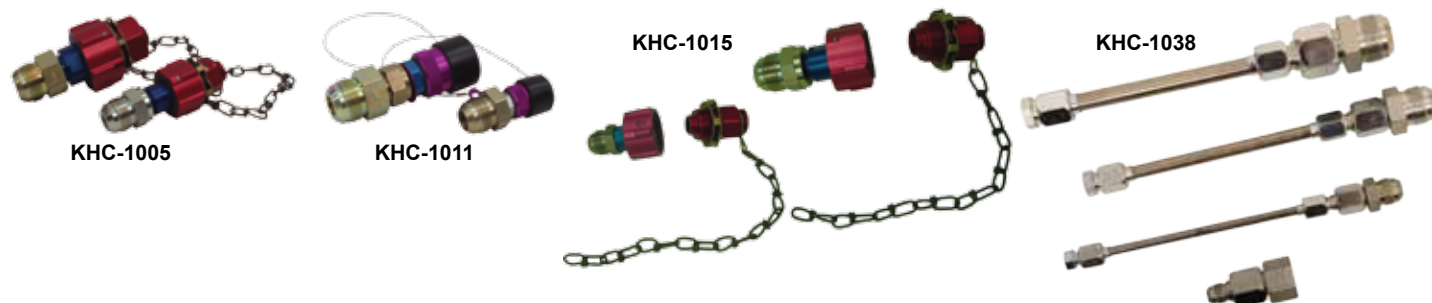
### 58 Series:



### 59 Series:



## Hydraulic Coupling Hose Adaptor Kits



### HYDRAULIC PRESSURE & RETURN COUPLING KITS

The kits contain couplings and dust plugs to adapt a hose to a specific aircraft bulkhead coupling.

**Specifications:** See *Hydraulic Power Order Instructions, Step #5 for HPU Coupling Designation (pg 77)*

| Kit Number       | HPU Coupling Designation |         | Manufacturer/Aircraft                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------|--------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | Single                   | Dual    |                                                                                                                                                                                                                                                                                                                                                                                                            |
| KHC-1004.....    | AA.....                  | EA..... | <b>BAe</b> Jetstream 31/41, <b>Boeing</b> Apache AH-64, <b>Bombardier</b> Learjet (except 45), <b>Nihon</b> YS-11, <b>Raytheon</b> Beechjet, Diamond, Premier, <b>Sikorsky</b> S-70, S-70L, S-76, Blackhawk                                                                                                                                                                                                |
| KHC-1005.....    | AB.....                  | EB..... | <b>BAe</b> ATP, <b>Bombardier</b> Canadair CL-215, CL-215T, CL-415, deHavilland Buffalo, <b>Bell</b> 204, 205, 206, 206B3, 206L, 206LT, 206L4, 212, 214B, 214ST, 222, 230, 241, 412, 427, 430, <b>Dassault</b> Falcon Jet (all), <b>Eurocopter</b> AS 330, <b>Lockheed</b> Jetstar, <b>Pilatus</b> PC-12, <b>Raytheon</b> HS-125 400-800, Hawker 1000, <b>Sabreliner</b> (all), <b>Sikorsky</b> S-61, S-65 |
| KHC-1006.....    | AC.....                  | EC..... | <b>Dornier Fairchild</b> Merlin/Metroliner III & IV                                                                                                                                                                                                                                                                                                                                                        |
| KHC-1007.....    | AD.....                  | ED..... | <b>Gulfstream</b> GI                                                                                                                                                                                                                                                                                                                                                                                       |
| KHC-1008.....    | AE.....                  | EE..... | <b>BAe</b> 146, <b>Cessna</b> Citation X, <b>Fokker</b> F-28, <b>Gulfstream</b> GII-GV, G400, G500, G550                                                                                                                                                                                                                                                                                                   |
| KHC-1008-A1..... | AF.....                  | EF..... | <b>BAe</b> 146, RJ70, RJ85, <b>Cessna</b> Citation X, 750, <b>Fokker</b> F-28, <b>Gulfstream</b> GII-GV, G450, G500, G550                                                                                                                                                                                                                                                                                  |
| KHC-1009.....    | AG.....                  | EG..... | <b>Boeing</b> DC-9, MD-80, <b>Gulfstream</b> GII-GIV, <b>Lockheed</b> L-1011                                                                                                                                                                                                                                                                                                                               |
| KHC-1010.....    | AH.....                  | EH..... | <b>Cessna</b> Citation I, II, V, SII, Bravo 500/501/550, Excel 560XL, Ultra, Ultra Encore 560                                                                                                                                                                                                                                                                                                              |
| KHC-1011.....    | AI.....                  | EI..... | <b>Bombardier</b> Challenger 300, 600-604, CRJ-100/200/700/900                                                                                                                                                                                                                                                                                                                                             |
| KHC-1011-M.....  | AI.....                  | EI..... | <b>Bombardier</b> Challenger 300, 600-604, CRJ-100/200/700/900                                                                                                                                                                                                                                                                                                                                             |
| KHC-1012.....    | AJ.....                  | EJ..... | <b>Bombardier</b> Canadair Challenger, RJ-100, deHavilland Dash-88 100 & 300, Global Express                                                                                                                                                                                                                                                                                                               |
| KHC-1012-M.....  | AJ.....                  | EJ..... | <b>Bombardier</b> Canadair Challenger, RJ-100, deHavilland Dash-88 100 & 300, Global Express                                                                                                                                                                                                                                                                                                               |
| KHC-1012-A1..... | AK.....                  | EK..... | <b>Bombardier</b> deHavilland Dash-7                                                                                                                                                                                                                                                                                                                                                                       |
| KHC-1013.....    | AL.....                  | EL..... | <b>Bombardier</b> deHavilland Dash-7                                                                                                                                                                                                                                                                                                                                                                       |
| KHC-1014.....    | AM.....                  | EM..... | <b>Airbus</b> AII, <b>Bombardier</b> deHavilland Dash-7                                                                                                                                                                                                                                                                                                                                                    |
| KHC-1015.....    | AN.....                  | EN..... | <b>Embraer</b> EMB-110, 120, 121, ALX, MD900, <b>Sino Swearingen</b> SJ30-2                                                                                                                                                                                                                                                                                                                                |
| KHC-1017.....    | AP.....                  | EP..... | <b>IAI</b> Westwind 1 & 2                                                                                                                                                                                                                                                                                                                                                                                  |
| KHC-1020.....    | AQ.....                  | EQ..... | <b>Sikorsky</b> S-76 (flareless connectors)                                                                                                                                                                                                                                                                                                                                                                |
| KHC-1022.....    | CH.....                  | GH..... | <b>Lockheed</b> C130, Grumman Tracker                                                                                                                                                                                                                                                                                                                                                                      |
| KHC-1038.....    | AR.....                  | ER..... | <b>Cessna</b> 150, 152, 172, 177, 180, 182, 185, 206, 207, 210, 310, 320, 337 Skymaster, 340, 411, 414, 421, <b>Gulfstream</b> Aero Commander, Turbo Commander                                                                                                                                                                                                                                             |
| KHC-1042.....    | AT.....                  | ET..... | <b>Piper</b> Aerostar, Aztec, Cherokee, Chieftan, Chyenne II & III, Comanche, Navajo, Seneca                                                                                                                                                                                                                                                                                                               |
| KHC-1046.....    | AU.....                  | EU..... | <b>Cessna</b> Citation III, VI, VII, 650                                                                                                                                                                                                                                                                                                                                                                   |
| KHC-1075.....    | AV.....                  | EV..... | <b>Sikorsky</b> S-76, <b>Saab</b> 340                                                                                                                                                                                                                                                                                                                                                                      |
| KHC-1081.....    | AW.....                  | EW..... | <b>Eurocopter</b> BO-105, BK-117                                                                                                                                                                                                                                                                                                                                                                           |
| KHC-1084.....    | AX.....                  | EX..... | <b>Fokker</b> F28, F100                                                                                                                                                                                                                                                                                                                                                                                    |
| KHC-1089.....    | AY.....                  | EY..... | <b>Augusta</b> A109A, Mark II                                                                                                                                                                                                                                                                                                                                                                              |
| KHC-1139.....    | BA.....                  | FA..... | <b>BAe</b> 146                                                                                                                                                                                                                                                                                                                                                                                             |
| KHC-1151.....    | BB.....                  | FB..... | <b>Lear</b> 55                                                                                                                                                                                                                                                                                                                                                                                             |
| KHC-1160.....    | BC.....                  | FC..... | <b>Boeing</b> DC-9, MD-80 (series with one coupling)                                                                                                                                                                                                                                                                                                                                                       |
| KHC-1230.....    | BD.....                  | FD..... | <b>BAe</b> BAC 1-11, <b>Fokker</b> 70, 100                                                                                                                                                                                                                                                                                                                                                                 |
| KHC-1284.....    | BE.....                  | FE..... | <b>Boeing</b> 707, 737-100 to 900, BBJ, BBJ2, DC-8, DC-9 (10-50 series with two couplings), MD-80                                                                                                                                                                                                                                                                                                          |
| KHC-1306.....    | BF.....                  | FF..... | <b>Shorts</b> 330, 360                                                                                                                                                                                                                                                                                                                                                                                     |
| KHC-1339.....    | BG.....                  | FG..... | <b>ATR</b> 42, 72                                                                                                                                                                                                                                                                                                                                                                                          |
| KHC-1342.....    | BH.....                  | FH..... | <b>Dauphin</b> SA 365N, EC, 155                                                                                                                                                                                                                                                                                                                                                                            |
| KHC-1468.....    | BJ.....                  | FJ..... | <b>Dassault/Falcon</b> 900                                                                                                                                                                                                                                                                                                                                                                                 |
| KHC-1678.....    | BK.....                  | FK..... | <b>Bombardier</b> Global Express, <b>Gulfstream</b> G100 (Astra), G200 (Galaxy), G150, <b>DeHavilland</b>                                                                                                                                                                                                                                                                                                  |
| KHC-1858.....    | BL.....                  | FL..... | <b>Airbus</b> AII, <b>Boeing</b> 747, 757, 767, 777, DC-9, MD-80, <b>Lockheed</b> L-1011, <b>McDonnell Douglas</b> DC-10, MD-11                                                                                                                                                                                                                                                                            |
|                  |                          |         | <b>Fokker</b> 50                                                                                                                                                                                                                                                                                                                                                                                           |
|                  |                          |         | <b>Casa</b> CN-235, CN-295                                                                                                                                                                                                                                                                                                                                                                                 |





HYDRAULIC PRESSURE & RETURN COUPLING KITS

The kits contain couplings and dust plugs to adapt a hose to a specific aircraft bulkhead coupling.

Specifications: See Hydraulic Power Order Instructions, Step #5 for HPU Coupling Designation (pg 77)

| Kit Number    | HPU Coupling Designation |         | Manufacturer/Aircraft                             |
|---------------|--------------------------|---------|---------------------------------------------------|
|               | Single                   | Dual    |                                                   |
| KHC-2014..... | BM.....                  | FM..... | Boeing 737, 727-100 & 200                         |
| KHC-2078..... | BN.....                  | FN..... | Boeing 727-100/200                                |
| KHC-2199..... | BQ.....                  | FQ..... | Cessna Citation Jet525, 525A, CJ1, CJ2, CJ3       |
| KHC-2257..... | BR.....                  | FR..... | Augusta A109A, A109C, A109E, Mark II              |
| KHC-2280..... | CP.....                  | GP..... | Saab 2000                                         |
| KHC-2407..... | BV.....                  | FV..... | Bombardier Learjet 45                             |
| KHC-2628..... | BY.....                  | FY..... | Embraer ERJ-135/145                               |
| KHC-2675..... | BZ.....                  | FZ..... | Raytheon JPATS                                    |
| KHC-2738..... | CN.....                  | GN..... | Dornier 328, 328 Jet, Envoy 3, Embraer Phenom 100 |
| KHC-3559..... | CQ.....                  | GQ..... | Embraer ERJ 170/190 -- (Parker)                   |
| KHC-3561..... | CM.....                  | GM..... | Embraer ERJ 170/190 -- (Aeroquip)                 |
| KHC-3744..... | CD.....                  | GD..... | Boeing CH-47/MH-47, Chinook                       |
| KHC-3747..... | CE.....                  | GE..... | Boeing 717, Embraer ERJ 170/190 (ADG Test Only)   |
| KHC-3754..... | CG.....                  | GG..... | Bombardier deHavilland Dash-8-100/300/400         |
| KHC-3766..... | CJ.....                  | GJ..... | Cessna Sovereign 680                              |
| KHC-3827..... | CS.....                  | GS..... | Sikorsky S-92                                     |
| KHC-4000..... | CT.....                  | GT..... | Agusta AB139                                      |
| KHC-4005..... | ---                      | KG..... | Sukhoi SJ100                                      |
| KHC-4051..... | CZ.....                  | KS..... | Lear 85                                           |
| -----         | ZZ.....                  | ZZ..... | No Coupling                                       |

NOTE: If your aircraft is not listed contract Tronair

# Hydraulic Coupling Hose Adaptor Kits

## MULTIPLE AIRCRAFT HYDRAULIC PRESSURE & RETURN COUPLING KITS

The kits contain couplings and dust plugs to adapt a hose to a specific aircraft bulkhead coupling.

**Specifications:** See *Hydraulic Power Order Instructions, Step #5 for HPU Coupling Designation (pg 77)*

| HPU Coupling Designation | Kit Number (qty)  | Manufacturer/Aircraft                                                                                                                                                                                                                                           |
|--------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| JA .....                 | KHC-1008 (1)..... | <b>BAe 146, Cessna Citation X, Fokker F-28, Gulfstream GII-GV, G400, G500, G550</b>                                                                                                                                                                             |
|                          | KHC-1038 (1)..... | <b>Cessna, Piper</b>                                                                                                                                                                                                                                            |
| JB .....                 | KHC-1008 (1)..... | <b>BAe 146, Cessna Citation X, Fokker F-28, Gulfstream GII-GV, G400, G500, G550</b>                                                                                                                                                                             |
|                          | KHC-1009 (1)..... | <b>Boeing DC-9, MD-80, Gulfstream GII-GV, Lockheed L-1011</b>                                                                                                                                                                                                   |
| JC .....                 | KHC-1005 (1)..... | <b>BAE ATP, Bell 204, 205, 206L, 206LI, 214B, 222, 212, 412, 214ST, Bombardier CL215 thru CL415, deHavilland Buffalo, Dassault/Falcon FalconJet, Eurocopter AS 330, Hawker Beechcraft HS125, Lockheed Jetstar, Pilatus PC12 Sabreliner, Sikorsky S-61, S-70</b> |
|                          | KHC-1339 (1)..... | <b>Dassault/Falcon 900</b>                                                                                                                                                                                                                                      |
| JD .....                 | KHC-1005 (1)..... | <b>BAE ATP, Bell 204, 205, 206L, 206LI, 214B, 222, 212, 412, 214ST, Bombardier CL215 thru CL415, deHavilland Buffalo, Dassault/Falcon FalconJet, Eurocopter AS 330, Hawker Beechcraft HS125, Lockheed Jetstar, Pilatus PC12 Sabreliner, Sikorsky S-61, S-70</b> |
|                          | KHC-1038 (1)..... | <b>Cessna, Piper</b>                                                                                                                                                                                                                                            |
| JE .....                 | KHC-2407 (1)..... | <b>Bombardier Learjet 45</b>                                                                                                                                                                                                                                    |
|                          | KHC-2424 (1)..... | <b>Bombardier Learjet 45 (Reservoir)</b>                                                                                                                                                                                                                        |
| JF .....                 | KHC-1017 (1)..... | <b>IAI Westwind</b>                                                                                                                                                                                                                                             |
|                          | KHC-1342 (1)..... | <b>Bombardier Canadair, Global Express, IAI Astra</b>                                                                                                                                                                                                           |
| JG .....                 | KHC-1005 (1)..... | <b>BAE ATP, Bell 204, 205, 206L, 206LI, 214B, 222, 212, 412, 214ST, Bombardier CL215 thru CL415, deHavilland Buffalo, Dassault/Falcon FalconJet, Eurocopter AS 330, Hawker Beechcraft HS125, Lockheed Jetstar, Pilatus PC12 Sabreliner, Sikorsky S-61, S-70</b> |
|                          | KHC-1020 (1)..... | <b>Sikorsky S-76</b>                                                                                                                                                                                                                                            |
| JH .....                 | KHC-1008 (2)..... | <b>BAe 146, Cessna Citation X, Fokker F-28, Gulfstream GII-GV, G400, G500, G550</b>                                                                                                                                                                             |
|                          | KHC-1009 (1)..... | <b>Boeing DC-9, MD-80, Gulfstream GII-GV, Lockheed L-1011</b>                                                                                                                                                                                                   |
| JI .....                 | KHC-1005 (2)..... | <b>BAE ATP, Bell 204, 205, 206L, 206LI, 214B, 222, 212, 412, 214ST, Bombardier CL215 thru CL415, deHavilland Buffalo, Dassault/Falcon FalconJet, Eurocopter AS 330, Hawker Beechcraft HS125, Lockheed Jetstar, Pilatus PC12 Sabreliner, Sikorsky S-61, S-70</b> |
|                          | KHC-1339 (1)..... | <b>Dassault/Falcon 900</b>                                                                                                                                                                                                                                      |
| JJ.....                  | KHC-1005 (1)..... | <b>BAE ATP, Bell 204, 205, 206L, 206LI, 214B, 222, 212, 412, 214ST, Bombardier CL215 thru CL415, deHavilland Buffalo, Dassault/Falcon FalconJet, Eurocopter AS 330, Hawker Beechcraft HS125, Lockheed Jetstar, Pilatus PC12 Sabreliner, Sikorsky S-61, S-70</b> |
|                          | KHC-2407 (1)..... | <b>Bombardier Learjet 45</b>                                                                                                                                                                                                                                    |
| JK .....                 | KHC-1004 (1)..... | <b>BAe Jetstream 30 &amp; 41, Bombardier Learjet, Hawker Beechcraft Beechjet, Diamond, Nihon YS-11, Sikorsky Blackhawk, S-76</b>                                                                                                                                |
|                          | KHC-1005 (1)..... | <b>BAE ATP, Bell 204, 205, 206L, 206LI, 214B, 222, 212, 412, 214ST, Bombardier CL215 thru CL415, deHavilland Buffalo, Dassault/Falcon FalconJet, Eurocopter AS 330, Hawker Beechcraft HS125, Lockheed Jetstar, Pilatus PC12 Sabreliner, Sikorsky S-61, S-70</b> |
| JL.....                  | KHC-1005 (1)..... | <b>BAE ATP, Bell 204, 205, 206L, 206LI, 214B, 222, 212, 412, 214ST, Bombardier CL215 thru CL415, deHavilland Buffalo, Dassault/Falcon FalconJet, Eurocopter AS 330, Hawker Beechcraft HS125, Lockheed Jetstar, Pilatus PC12 Sabreliner, Sikorsky S-61, S-70</b> |
|                          | KHC-2199 (1)..... | <b>Cessna CitationJet 525</b>                                                                                                                                                                                                                                   |
| JM .....                 | KHC-1075 (1)..... | <b>Eurocopter BK-117, BO-105</b>                                                                                                                                                                                                                                |
|                          | KHC-1306 (1)..... | <b>Eurocopter Dauphin SA 365N</b>                                                                                                                                                                                                                               |
| JN .....                 | KHC-1015 (1)..... | <b>Embraer EMB-110, EMB-120, EMB-314 (ALX)</b>                                                                                                                                                                                                                  |
|                          | KHC-1038 (1)..... | <b>Cessna, Piper</b>                                                                                                                                                                                                                                            |
| JP .....                 | KHC-1042 (1)..... | <b>Cessna Citation III, VI, VII</b>                                                                                                                                                                                                                             |
|                          | KHC-2199 (1)..... | <b>Cessna CitationJet 525</b>                                                                                                                                                                                                                                   |

## MULTIPLE AIRCRAFT HYDRAULIC PRESSURE & RETURN COUPLING KITS

The kits contain couplings and dust plugs to adapt a hose to a specific aircraft bulkhead coupling.

**Specifications:** See *Hydraulic Power Order Instructions, Step #5 for HPU Coupling Designation (pg 77)*

| HPU Coupling Designation | Kit Number (qty)  | Manufacturer/Aircraft                                                                                                                                                                                                                                                                                                           |
|--------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| JQ .....                 | KHC-1084 (1)..... | <b>Agusta</b> A109A, <b>IAI</b> Mark II                                                                                                                                                                                                                                                                                         |
|                          | KHC-2257 (1)..... | <b>Agusta</b> A109C                                                                                                                                                                                                                                                                                                             |
| JR .....                 | KHC-1160 (1)..... | <b>BAC</b> I-II, <b>Boeing</b> 737-200 & 300, DC-8, DC-9 (10-50 series with two couplings), MD-80                                                                                                                                                                                                                               |
|                          | KHC-2078 (1)..... | <b>Boeing</b> 727-100 & 200                                                                                                                                                                                                                                                                                                     |
| JF .....                 | KHC-1017 (1)..... | <b>IAI</b> Westwind                                                                                                                                                                                                                                                                                                             |
|                          | KHC-1342 (1)..... | <b>Bombardier</b> Canadair, Global Express, <b>IAI</b> Astra                                                                                                                                                                                                                                                                    |
| JG .....                 | KHC-1005 (1)..... | <b>BAE</b> ATP, <b>Bell</b> 204, 205, 206L, 206LI, 214B, 222, 212, 412, 214ST, <b>Bombardier</b> CL215 thru CL415, deHavilland Buffalo, <b>Dassault/Falcon</b> FalconJet, <b>Eurocopter</b> AS 330, <b>Hawker Beechcraft</b> HS125, <b>Lockheed</b> Jetstar, <b>Pilatus</b> PC12 <b>Saberliner</b> , <b>Sikorsky</b> S-61, S-70 |
|                          | KHC-1020 (1)..... | <b>Sikorsky</b> S-76                                                                                                                                                                                                                                                                                                            |
| JS .....                 | KHC-1014 (1)..... | <b>Airbus</b> All, <b>Bombardier</b> deHavilland Dash-7                                                                                                                                                                                                                                                                         |
|                          | KHC-1468 (1)..... | <b>Airbus</b> All, <b>Boeing</b> 747, 757, 767, DC-10, <b>Lockheed</b> L-1011                                                                                                                                                                                                                                                   |
|                          | KHC-2258 (1)..... | <b>Airbus</b> All, <b>Boeing</b> 757, 767, DC-9, DC-10, MD, 11, MD-80, <b>Lockheed</b> L-1011 (CSD Overflow)                                                                                                                                                                                                                    |
| JT .....                 | KHC-1005 (1)..... | <b>BAE</b> ATP, <b>Bell</b> 204, 205, 206L, 206LI, 214B, 222, 212, 412, 214ST, <b>Bombardier</b> CL215 thru CL415, deHavilland Buffalo, <b>Dassault/Falcon</b> FalconJet, <b>Eurocopter</b> AS 330, <b>Hawker Beechcraft</b> HS125, <b>Lockheed</b> Jetstar, <b>Pilatus</b> PC12 <b>Saberliner</b> , <b>Sikorsky</b> S-61, S-70 |
|                          | KHC-1075 (1)..... | <b>Eurocopter</b> BK-117, BO-105                                                                                                                                                                                                                                                                                                |
| JU .....                 | KHC-1005 (1)..... | <b>BAE</b> ATP, <b>Bell</b> 204, 205, 206L, 206LI, 214B, 222, 212, 412, 214ST, <b>Bombardier</b> CL215 thru CL415, deHavilland Buffalo, <b>Dassault/Falcon</b> FalconJet, <b>Eurocopter</b> AS 330, <b>Hawker Beechcraft</b> HS125, <b>Lockheed</b> Jetstar, <b>Pilatus</b> PC12 <b>Saberliner</b> , <b>Sikorsky</b> S-61, S-70 |
|                          | KHC-2257 (1)..... | <b>Agusta</b> A109C                                                                                                                                                                                                                                                                                                             |
| JV .....                 | KHC-1005 (1)..... | <b>BAE</b> ATP, <b>Bell</b> 204, 205, 206L, 206LI, 214B, 222, 212, 412, 214ST, <b>Bombardier</b> CL215 thru CL415, deHavilland Buffalo, <b>Dassault/Falcon</b> FalconJet, <b>Eurocopter</b> AS 330, <b>Hawker Beechcraft</b> HS125, <b>Lockheed</b> Jetstar, <b>Pilatus</b> PC12 <b>Saberliner</b> , <b>Sikorsky</b> S-61, S-70 |
|                          | KHC-1306 (1)..... | <b>Eurocopter</b> Dauphin SA 365N                                                                                                                                                                                                                                                                                               |
| JX .....                 | KHC-1468 (1)..... | <b>Airbus</b> All, <b>Boeing</b> 747, 757, 767, DC-10, <b>Lockheed</b> L-1011                                                                                                                                                                                                                                                   |
|                          | KHC-2078 (1)..... | <b>Boeing</b> 727-100 & 200                                                                                                                                                                                                                                                                                                     |
| JY .....                 | KHC-3561 (1)..... | <b>Embraer</b> ERJ 170/190                                                                                                                                                                                                                                                                                                      |
|                          | KHC-1342 (1)..... | <b>IAI</b> Astra, <b>Bombardier</b> Canadair Global Express, <b>Gulfstream</b> G200                                                                                                                                                                                                                                             |
| JZ .....                 | KHC-1004 (1)..... | <b>BAe</b> Jetstream 30 & 41, <b>Bombardier</b> Learjet, <b>Hawker Beechcraft</b> Beechjet, Diamond, <b>Nihon</b> YS-11, <b>Sikorsky</b> Blackhawk, S-76                                                                                                                                                                        |
|                          | KHC-2407 (1)..... | <b>Bombardier</b> Learjet 45                                                                                                                                                                                                                                                                                                    |
| KA .....                 | KHC-3559 (1)..... | <b>Embraer</b> ERJ 170/190                                                                                                                                                                                                                                                                                                      |
|                          | KHC-3747 (1)..... | <b>Boeing</b> 717, <b>Embraer</b> 170 & 190 (ADG test ONLY)                                                                                                                                                                                                                                                                     |
| KB .....                 | KHC-1160 (1)..... | <b>BAC</b> I-II, <b>Boeing</b> 737-200 & 300, DC-8, DC-9 (10-50 series with two couplings), MD-80                                                                                                                                                                                                                               |
|                          | KHC-1468 (1)..... | <b>Airbus</b> All, <b>Boeing</b> 747, 757, 767, DC-10, <b>Lockheed</b> L-1011                                                                                                                                                                                                                                                   |
| KC .....                 | KHC-4000 (1)..... | <b>Agusta/Bell</b> AB139                                                                                                                                                                                                                                                                                                        |
|                          | KHC-4001 (1)..... | <b>Agusta/Bell</b> AB139 (Reservoir)                                                                                                                                                                                                                                                                                            |
| KD .....                 | KHC-1160 (1)..... | <b>BAC</b> I-II, <b>Boeing</b> 737-200 & 300, DC-8, DC-9 (10-50 series with two couplings), MD-80                                                                                                                                                                                                                               |
|                          | KHC-1342 (1)..... | <b>IAI</b> Astra, <b>Bombardier</b> Canadair Global Express, <b>Gulfstream</b> G200                                                                                                                                                                                                                                             |

# Hydraulic Coupling Hose Adaptor Kits

## HYDRAULIC RESERVOIR FILL COUPLING KITS

### Specifications:

| Kit Number      | Manufacturer/Aircraft                                                                                                     | Kit Number    | Manufacturer/Aircraft                                        |
|-----------------|---------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------|
| KHC-1009.....   | <b>Boeing</b> 747, DC-9 10/20/30/33/40/50, MD-80<br><b>Gulfstream</b> GII, GIII, GIV, GV, G300 (G3), G400 (G4), G500 (G5) | KHC-1339..... | <b>Dassault</b> Falcon 50, 900, 2000                         |
| KHC-1012.....   | <b>Bombardier</b><br>Candair Challenger, CRJ 100/200<br>DeHavilland Dash-8-100/300, Global Express                        | KHC-2014..... | <b>Boeing</b> 727-100/200, 737                               |
| KHC-1012-M..... | <b>Bombardier</b><br>Candair Challenger, CRJ 100/200<br>DeHavilland Dash-8-100/300, Global Express                        | KHC-2259..... | <b>Boeing</b> DC-8                                           |
| KHC-1014.....   | <b>Airbus</b> All<br><b>Bombardier</b> DeHavilland Dash-7                                                                 | KHC-2424..... | <b>Bombardier</b> Lear 45                                    |
| KHC-1046.....   | <b>Saab</b> 340<br><b>Sikorsky</b> S-76                                                                                   | KHC-3558..... | <b>Embraer</b> ERJ 170/190 (Parker)<br><b>Sukohi</b> SJ100   |
| KHC-1081.....   | <b>Fokker</b> F-28, F-100                                                                                                 | KHC-3560..... | <b>Embraer</b> ERJ 170/190 (Aeroquip)                        |
| KHC-1089.....   | <b>BAe</b> 146                                                                                                            | KHC-3651..... | <b>Embraer</b> ERJ-135/145                                   |
| KHC-1107.....   | <b>Cessna</b> Citation III, VI, VII                                                                                       | KHC-3748..... | <b>Boeing</b> 717                                            |
| KHC-1139.....   | <b>Bombardier</b> Lear 55, 60                                                                                             | KHC-3779..... | <b>Cessna</b> Sovereign 680                                  |
|                 |                                                                                                                           | KHC-4001..... | <b>Agusta</b> AB139                                          |
|                 |                                                                                                                           | KHC-4007..... | <b>Hawker Beechcraft (Raytheon)</b><br>Hawker 4000 (Horizon) |
|                 |                                                                                                                           | KHC-4012..... | <b>Cessna</b> Citation X, 750                                |
|                 |                                                                                                                           | KHC-4017..... | <b>Embraer</b> Phenom 100                                    |
|                 |                                                                                                                           | KHC-4050..... | <b>Lear</b> 85                                               |

## HYDRAULIC CSD FILL & ENGINE OIL KITS

### Specifications:

| Kit Number    | Manufacturer/Aircraft                                                                                                                                                                                               |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| KHC-2046..... | <b>Northrup</b> E2C Hawkeye                                                                                                                                                                                         |
| KHC-2173..... | <b>Airbus</b> A300<br><b>Boeing</b> 707, 727, 737, 747, 757, 777, DC-8, DC-9, MD-80<br><b>Bombardier</b> Challenger, CRJ 100/200, Global Express<br><b>Lockheed</b> L-1011<br><b>McDonnell Douglas</b> DC-10, MD-11 |

## HYDRAULIC CSD OVERFLOW KIT

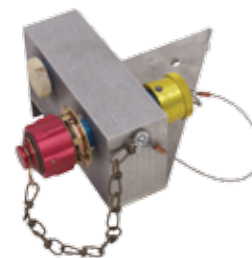
### Specifications:

| Kit Number    | Manufacturer/Aircraft                                                                            |
|---------------|--------------------------------------------------------------------------------------------------|
| KHC-2258..... | <b>Airbus</b> All<br><b>Boeing</b> 57, 767, DC-9, MD-80<br><b>McDonnell Douglas</b> DC-10, MD-11 |

## HPU SELF CLEANING CIRCULATION KITS

### Standard Features:

- Ensure added flight safety by delivering clean hydraulic fluid to your aircraft!
- Kit connects pressure and return hoses together to circulate hydraulic fluid through the HPU's internal 2 and 5 micron filters for self cleaning
- Easy, drip proof port to connect hoses when not in use
- For single HPU systems



### Specifications:

| Kit Number    | Fluid   | Use With Coupling Kit | Kit Number    | Fluid   | Use With Coupling Kit |
|---------------|---------|-----------------------|---------------|---------|-----------------------|
| KHC-4006..... | PE..... | KHC-4005              | KHC-4029..... | PE..... | KHC-1160              |
| KHC-4022..... | PE..... | KHC-3754              | KHC-4030..... | PE..... | KHC-3561              |
| KHC-4023..... | PE..... | KHC-1011              | KHC-4020..... | MB..... | KHC-1004/KHC-1005     |
| KHC-4024..... | PE..... | KHC-1342              | KHC-4021..... | MB..... | KHC-3766              |
| KHC-4025..... | PE..... | KHC-1008-A1           | KHC-4031..... | MB..... | KHC-2199              |
| KHC-4028..... | PE..... | KHC-1008              | KHC-4033..... | MB..... | KHC-3827              |

**Standard Features:****PETROLEUM BASED FLUIDS - K-4008**

- Fluids: MIL-PRF-5606, MIL-PRF-83282, MIL-PRF-87257, MIL-L-23699
- Fluid analysis is critical tool for any preventive maintenance program
- Fluid Analysis identifies potential problems that are undetectable by other means
- Mailing container with pre-addressed label
- Pre-cleaned glass bottle
- Analysis Includes:
 

|                 |                        |                         |
|-----------------|------------------------|-------------------------|
| Particle Count  | Spectrometric Analysis | Viscosity Analysis      |
| Photomicrograph | Water Analysis (PPM)   | Neutralization Analysis |

**AVIATION PHOSPHATE ESTER FLUID - K-4061**

- Fluid: Skydrol® (a registered trademark of Solutia, Inc.)
- Fluid analysis is critical tool for any preventive maintenance program
- Fluid Analysis identifies potential problems that are undetectable by other means
- Mailing container
- Pre-cleaned bottle
- Analysis Includes:
 

|            |          |                |                      |
|------------|----------|----------------|----------------------|
| Appearance | Acidity  | Moisture       | Chemical Composition |
| Color      | Chlorine | Particle Count |                      |

**“Super Clean” Fluid Sample Bottle****Standard Features:**

- Sample method instructions
- Pre-cleaned bottle
- Bottle volume: 110-120 ml

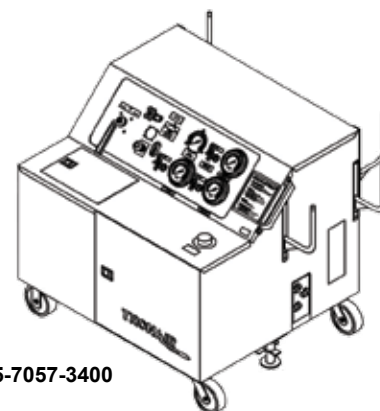




## Thrust Reverser Test Unit

### Standard Features:

- Pressure compensated pump with adjustable flow and pressure controls
- 2 micron non-bypass pressure filter
- 5 micron bypass return filter
- Directional control valve
- 20 gal (76 l) reservoir
- Hyjet/Skydrol fluid
- 3,250 psi (224 bar) pressure
- 10 gpm (38 lpm) flow
- Finish: Durable Powder Coat Tronair Blue



05-7057-3400

### Specifications:

| Model Number | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|-------------------|------------------|-------------------|-------------------|
| 05-7057-3400 | 55 (140)          | 50 (127)         | 43 (109)          | 800 (363)         |

## Hydraulic Fluid Laser Contamination Monitors

### Standard Features:

- 6 particle range
- Laser light
- Units for mineral and phosphate ester fluids
- Alpha numeric note entry
- Stores last 300 tests and downloads to computer
- Compliant with ISO 11171
- Report format ISO 4406-1999 and correlation to NAS 1638
- 41° F (5° C) to 176° F (80° C) operating temperature
- Calibration certification included
- 6,000 psi (414 bar) pressure
- Viscosity to 465 SUS (100 cSt) with single point sampler
- Carrying case
- RS232 communication port
- Dimensions:
  - Length: 6 in (15 cm)
  - Width: 10 in (25 cm)
  - Height: 10 in (25 cm)
  - Weight: 18 lb (8 kg)
  - 29 lb (13 kg) with case

### In-Line Sensors:

MIL-PRF-5606, MIL-PRF-83282, MIL-PRF-87257

- **K-4385** - 0.5-7 gpm
- **K-2339** - 5-26 gpm
- **K-4387** - 21-100 gpm

Skydrol, Hyjet

- **K-4386** - 0.5-7 gpm
- **K-2340** - 5-26 gpm
- **K-4388** - 21-100 gpm



06-5051-6500

**K-2339**  
Shown here

### Specifications:

| Model Number | Fluid Type                                 |
|--------------|--------------------------------------------|
| 06-5051-6500 | MIL-PRF-5606, MIL-PRF-83282, MIL-PRF-87257 |
| 06-5051-6600 | Skydrol, Hyjet                             |

## 30° Thin Head Wrenches

### Use to attach Hydraulic Coupling Hose Adaptor Kits

- Finish: Satin Chrome

### Specifications:

| Model Number | Size (inches) | Model Number | Size (inches)      |
|--------------|---------------|--------------|--------------------|
| H-2920-01    | 3/4"          | H-2920-14    | 1 1/2"             |
| H-2920-03    | 7/8"          | H-2920-16    | 1 5/8"             |
| H-2920-05    | 1"            | H-2920-17    | 1 11/16"           |
| H-2920-06    | 1 1/16"       | H-2920-20    | 1 7/8"             |
| H-2920-07    | 1 1/8"        | H-2920-23    | 2 1/8"             |
| H-2920-09    | 1 1/4"        | K-4013       | Includes All Sizes |
| H-2920-12    | 1 3/8"        |              |                    |



## Standard Features:

- 3.5 HP industrial Briggs & Stratton® engine
- Temperature adjustable to 200° F (93° C)
- Safety relief valve
- Suction strainer
- **Type I fluid only**
- Positive displacement pump with accumulator
- 50 ft (15 m) output hose
- 250 psi (17 bar) maximum pressure
- 7 gpm (27 lpm) maximum flow
- Sturdy steel trailer with pneumatic tires
- Finish: Durable Powder Coat Tronair Blue frame, stainless tank

## Additional Standard Features:

### Models: 09-6200 Series

- 55 gal (208 l) stainless steel reservoir
- 2 - 3 hour recovery time
- 60 to 180° F (16 to 82° C)

### Models: 09-6201 Series

- 275 gal (208 l) steel reservoir with 10 in (25 cm) access cover
- 11 kw immersion heater
- 4 - 5 hour recovery time
- 60 to 180° F (16 to 82° C)



09-6200-0010

## Specifications:

| Model Number | Voltage | Phase | Maximum     |  | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|---------|-------|-------------|--|-------------------|------------------|-------------------|-------------------|
|              |         |       | Draw<br>Amp |  |                   |                  |                   |                   |
| 09-6200-0010 | 200/240 | 3     | 13          |  | 92 (234)          | 38 (97)          | 36 (91)           | 300 (135)         |
| 09-6200-0011 | 220/240 | 1     | 23          |  | 92 (234)          | 38 (97)          | 36 (91)           | 300 (135)         |
| 09-6200-0014 | 380/415 | 3     | 8           |  | 92 (234)          | 38 (97)          | 36 (91)           | 300 (135)         |
| 09-6200-0016 | 440/480 | 3     | 7           |  | 92 (234)          | 38 (97)          | 36 (91)           | 300 (135)         |
| 09-6201-0010 | 200/240 | 3     | 33          |  | 112 1/2 (286)     | 73 1/2 (187)     | 46 (117)          | 750 (340)         |
| 09-6201-0011 | 220/240 | 1     | 57          |  | 112 1/2 (286)     | 73 1/2 (187)     | 46 (117)          | 750 (340)         |
| 09-6201-0013 | 200/208 | 3     | 35          |  | 112 1/2 (286)     | 73 1/2 (187)     | 46 (117)          | 750 (340)         |
| 09-6201-0014 | 380/415 | 3     | 19          |  | 112 1/2 (286)     | 73 1/2 (187)     | 46 (117)          | 750 (340)         |
| 09-6201-0016 | 440/480 | 3     | 16          |  | 112 1/2 (286)     | 73 1/2 (187)     | 46 (117)          | 750 (340)         |

## Portable Deicer

## Standard Features:

### Model: 09-4003-4010

- 2 1/2 gal (9.5 l) fluid capacity
- Stainless steel tank
- 15 ft (4.6 m) #4 hose with quick disconnect fittings
- 4 to 10.5 ft (1.2 to 3.2 m) telescoping wand assembly
- Adjustable nozzle allows spray angle control
- 100 psi (6.9 bar) maximum air pressure
- Certified pressure gauge indicates safe range
- Tank handle acts as shut-off valve
- 9 lb (4 kg) empty weight



09-4003-4010

## Service Unit For TKS Fluid

## Standard Features:

### Model: 09-5046-6500

- Designed specifically for TKS anti-icing fluid
- 2 micron filtration
- 6 gal (23 l) capacity
- 85 psi (5.9 bar) recommended maximum pressure
- Safety pressure relief set at 125 psi (8.6 bar)
- 15 ft (4.6 m) standard outlet hose with instant on/off squeeze handle with #4 tube extension
- Corrosion resistant ASME certified stainless steel tank

- 8 in (20 cm) semi-pneumatic tires
- Extended neck to reach fill port
- Dimensions:
  - Length: 17 in (43 cm)
  - Width: 14 in (35.6 cm)
  - Height: 44 in (112 cm)
  - Weight: 44 lb (19 kg) empty



09-5046-6500

# Hydraulic Beadbearer

## Standard Features:

- Sturdy welded steel construction
- Fits tire rim diameters 8 to 20 in (20 to 51 cm) with breaker rings (sold separately)
- Telescoping legs to adjust for tire widths
- Accommodates locking ring type wheel
- Three padded sliding bottom breaker pads to protect against rim damage
- Finish: Durable Powder Coat Tronair Blue

## Adaptor Kit:

- **K-2540** - 4,500 psi (310 bar) Air pump field installation kit
- **K-3721** - 8,000 psi (552 bar) Air pump field installation kit

These Beadbearers are not functional without a Beadbearer Adaptor Ring listed below

It is recommend to order 14B6801-0120 for rims 17 in (43 cm) or larger



## Specifications:

| Model Number | NSN           | Pump Type | Pump psi (bar) | Length in (cm) | Width in (cm) | Height in (cm) | Weight lb (kg) |
|--------------|---------------|-----------|----------------|----------------|---------------|----------------|----------------|
| 14-6801-0120 | 4910015181465 | foot      | --             | 28 (71)        | 28 (71)       | 55 (140)       | 141 (64)       |
| 14A6801-0120 |               | pneumatic | 2,500 (172)    | 28 (71)        | 28 (71)       | 55 (140)       | 141 (64)       |
| 14B6801-0120 |               | pneumatic | 8,800 (607)    | 28 (71)        | 28 (71)       | 55 (140)       | 141 (64)       |

## BEADBREAKER ADAPTOR RINGS

**Z-1063** - for tires without chines

**Z-1064** - for tires with chines

**Z-3072-20** - for 34 x 9.25-16 Goodyear tires

**Z-3072-22** - Dunlap wheels and **K-3729** - Dunlap rim assembly kit and disassembly kit

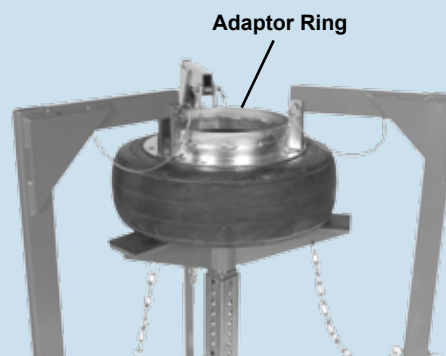
### To Determine Proper Ring Size:

1. Measure outside diameter of rim
2. Add .55 inches to diameter of rim
3. Choose next largest diameter ring

**Example:** The rim measures 13.62 in + .55 in = 14.17 in  
Order Z-1063-15 or Z-1064-15

**Chine** - A tire that has been designed to channel water away from aircraft body; usually the nose wheel

For specific application go to the **TOOL & EQUIPMENT LIST** link at [tronair.com](http://tronair.com)



# Manual Beadbearer

## Standard Features:

- Rugged welded steel construction
- Simple to operate
- Adjustable for various tire sizes up to 12 in (30.5 cm)
- Rubber padded base to protect tire rims
- Finish: Durable Powder Coat Tronair Blue

## Specifications:

| Model Number | Length in (cm) | Width in (cm) | Height in (cm) | Weight lb (kg) |
|--------------|----------------|---------------|----------------|----------------|
| 14-4039-0010 | 31 (79)        | 24 (61)       | 41 (104)       | 31 (14)        |

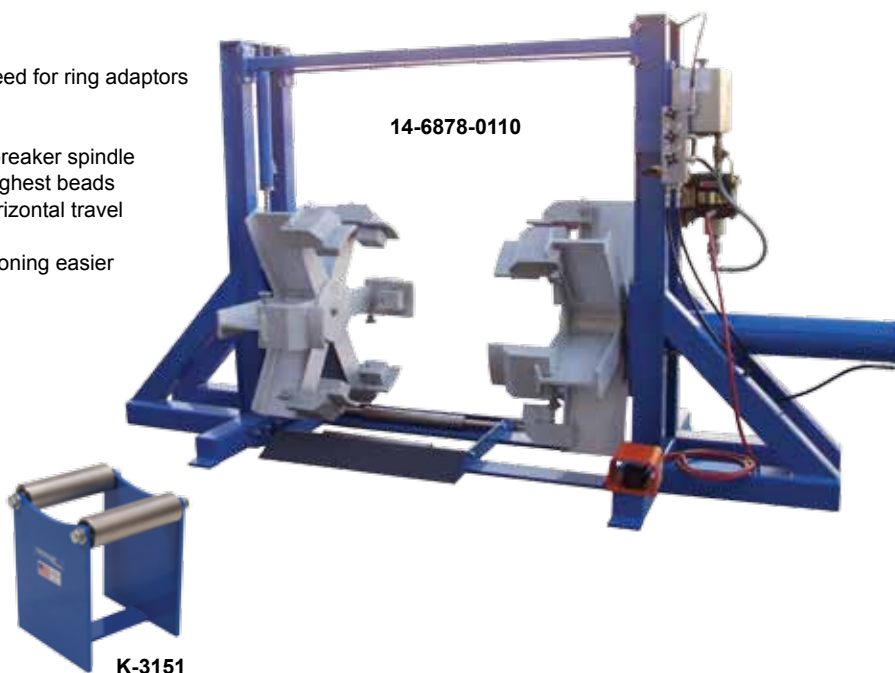


## Standard Features:

- Roll thru design
- 12 adjustable breaker pad settings eliminate the need for ring adaptors
- 12 ton (10,886 kg) hydraulic cylinder driven by an 80 to 120 psi (5.5 to 8.3 bar) pneumatic pump
- Rugged welded steel construction with aluminum breaker spindle
- Pulsating pneumatic pump aids in breaking the toughest beads
- Single control panel allows for both vertical and horizontal travel with a foot pedal control valve
- Entry ramp and sliding rail make loading and positioning easier
- Adjustable to rim sizes 12 to 28 in (30.5 to 71 cm)
- Approved for use on radial tires
- MIL-PFR-5606 hydraulic fluid
- Finish: Durable Powder Coat Tronair Blue

## Adaptor Kit:

- **K-3151** - Small Tire Adaptor Kit for breaking tires with rim sizes 18 in (45.7 cm) diameter or less



## Specifications:

| Model Number       | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-------------------|------------------|-------------------|-------------------|
| 14-6878-0110 ..... | 121 (307) .....   | 40 (102) .....   | 63 (160) .....    | 1640 (744)        |

# Anti-Skid Test Units

## Standard Features:

- Perform quick and reliable Anti-Skid testing on your Bombardier Aircraft
- Bleed brakes
- Obtain an oil sample
- Measure brake pressure at the calipers
- 15 ft hose
- Aluminum enclosure



14-6872-8100

## Specifications:

| Model Number       | Aircraft            | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|---------------------|-------------------|------------------|-------------------|-------------------|
| 14-6866-6010 ..... | Global Express..... | 9 (22.5) .....    | 12.3 (31).....   | 12.4 (31.4).....  | 9 (4)             |
| 14-6871-6010 ..... | Dash 8 100/300..... | 11 (28).....      | 13 (33).....     | 14.5 (31.4).....  | 9 (4)             |
| 14-6888-6000 ..... | Dash 8 400.....     | 11 (28).....      | 13 (33).....     | 14.5 (31.4).....  | 9 (4)             |
| 14-6912-6000 ..... | Global Express..... | 7.5 (19).....     | 11 (28).....     | 14.4 (36.6).....  | 9 (4)             |

# Wheel & Brake Dolly

## Standard Features:

- Sturdy welded steel construction
- Manually operated hydraulic hand pump
- 7 in (18 cm) maximum lift height
- Accommodates tire sizes from 24 to 54 in (61 to 137 cm)
- Adjustable rear swivel caster for tilting the dolly
- Front swivel casters with floor locks
- Padded brake handling adaptor
- 84 in (213 cm) strap assembly for securing load to dolly
- 700 lb (318 kg) maximum load capacity
- Finish: Durable Powder Coat Tronair Blue

## Adaptor Kit:

- **K-2965** - Outboard Wheel Support, wheel extension for removing outboard wheels



14-6883-0110

## Specifications:

| Model Number       | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-------------------|------------------|-------------------|-------------------|
| 14-6883-0110 ..... | 33 (84) .....     | 52 (132) .....   | 32 (81) .....     | 297 (135)         |

# Wheel Dolly

## Standard Features:

- Sturdy welded steel construction
- Manually operated with hand wheel
- 5" diameter swivel casters for greater maneuverability in all directions
- 12" corrosion resistant steel rollers with ball bearings
- Distance between rollers:
  - Minimum: 10 in (25.4 cm)
  - Maximum: 24 in (60.96 cm)
- Universal applications
- 350 lb (159 kg) maximum load capacity
- Finish: Durable Powder Coat Tronair Blue



14-6909C0000  
(wheel not included)

## Specifications:

| Model Number       | Length<br>in (cm) | Width<br>in (cm)  | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-------------------|-------------------|-------------------|-------------------|
| 14-6909C0000 ..... | 40 (101.6) .....  | 21.5 (54.6) ..... | 40 (101.6) .....  | 52 (23.6)         |



Standard Features:

- Sturdy welded steel construction
- Manually operated hydraulic hand pump
- Swivel caster for maneuverability
- Floor locks
- Finish:
  - Yellow Poly - 14-6838-5110
  - Orange Poly - 14-6872-8100, 14-6873-8100
  - Gray Poly - 14-6887-8100
  - Blue Enamel - 14-6890-0100



Specifications:

| Model Number | Manufacturer/Aircraft                 | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|---------------------------------------|-------------------|------------------|-------------------|-------------------|
| 14-6838-5100 | Bombardier DeHavilland Global Express | 61.5 (156)        | 48.3 (122.6)     | 70.3 (178.6)      | 715 (324)         |
| 14-6872-8100 | Bombardier DeHavilland Dash 8-400     | 61 (155)          | 48 (122)         | 70 (178)          | 650 (295)         |
| 14-6873-8100 | Bombardier DeHavilland Dash 8-400     | 44.5 (113)        | 48 (122)         | 44 (112)          | 650 (295)         |
| 14-6887-8110 | Bombardier Canadair CRJ-700           | 70 (178)          | 45.3 (115)       | 104 (264)         | 725 (329)         |
| 14-6890-0100 | Bombardier Learjet 45                 | 39 (99)           | 28 (71)          | 40.7 (103)        | 148 (67)          |

## Universal Tool - Strut, Brake & Tire

### Standard Features:

- Low profile
- No need to remove tire when servicing struts
- 14-6911-0100 fits 14" to 30" tire
- 14-6915-0100 fits 14" to 30" dual tires
- 800 lb (362.9 kg) lifting capacity
- Lift range
  - Collapsed 4.75 in (12 cm)
  - Fully extended 21 in (53.34 cm)
- Long handle for ease of lifting
- Wide, heavy duty steel turntable for both nose and main tires
- Easy clamp to lock tire in place
- Relief valve to prevent lifting aircraft
- 2 swivel casters for easy maneuverability
- No mark rubber wheels
- Finish: Durable Powder Coat Tronair Blue

14-6911-0100  
Extended  
(wheel not included)



### Specifications:

| Model Number       | Length<br>in (cm) | Width<br>in (cm) | Height w/out handle<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-------------------|------------------|--------------------------------|-------------------|
| 14-6911-0100 ..... | 29 (74) .....     | 15 (38) .....    | 7 (18) .....                   | 98 (44.5)         |
| 14-6915-0100 ..... | 29 (74) .....     | 22 (56) .....    | 7 (18) .....                   | 98 (44.5)         |

## Strut Service Tool

### Standard Features:

- Safely exercise aircraft landing gear struts to expel air while servicing them with oil
- Tasks that used to require two technicians up to an hour, can be done by one technician in less than half the time, saving money
- Reduces the possibility of damage to the aircraft pneumatic lifting operation
- Safe and efficient
- 1,500 lb (680 kg) capacity
- 6.5 to 52 in (15.9 to 132 cm) boom lift
- Low profile to fit under most aircraft wings
- Preferred over other methods of strut servicing
- Standard adaptor fits most aircraft including Falcons, Challengers and Learjets
- Finish: Durable Powder Coat Tronair Blue



14-6906-0100

### Adaptor Kits:

- **K-4126** - Includes kits K-4127, K-4128, K-4129, K-4130
- **K-4127** - Axle Adaptor Assembly (3.340 diameter) for Gulfstream GII, GIII, GIV, GIVSP, G400
- **K-4128** - Axle Adaptor Assembly (3.536 diameter) for Gulfstream GII, GIII, GIV, GIVSP, G400
- **K-4129** - Axle Adaptor Assembly (3.610 diameter) for Gulfstream GV, GVSP, G350, G450, G500, G550, G650
- **K-4130** - Axle Adaptor Assembly (3.840 diameter) for Gulfstream GV, GVSP, G350, G450, G500, G550, G650

NOTE: Aircraft adaptors will vary depending on Gulfstream aircraft model and aircraft service change 155

### Specifications:

| Model Number       | Length<br>in (cm)   | Width<br>in (cm)     | Height<br>in (cm)  | Weight<br>lb (kg) |
|--------------------|---------------------|----------------------|--------------------|-------------------|
| 14-6906-0100 ..... | 77.25 (196.2) ..... | 45.312 (115.1) ..... | 33.75 (85.7) ..... | 325 (147)         |
| 14-6919-0100 ..... | 81 (205.8) .....    | 50 (127) .....       | 33.75 (85.7) ..... | 325 (147)         |

## Standard Features:

- Provides a source of clean pressure fluid for servicing aircraft brakes
- 0 to 300 psi (0 to 20.7 bar) outgoing air pressure gauge
- 0 to 5000 psi (0 to 344.7 bar) operating pressure gauge
- Shut off valves for component testing
- 4000 psi (275.8 bar) hi-low pump provides high flow and high pressure capacity
- Bypass valve
- 8 gal (30 l) tank capacity
- Phosphate Ester fluid
- 3 micron absolute filter
- Finish: Durable Powder Coat Dessert Sand (14-6814-3600)  
Durable Powder Coat Tronair Blue (14-6918-0600)

## Additional Standard Features:

### 14-6918-0600

- 0 to 160 psi (0 to 11 bar) incoming air pressure gauge
- 5000 psi (344.7 bar) air pump provides high flow and high pressure capacity

## Kits:

- **K-4640** - adds air pump option



## Specifications:

| Model Number       | Length<br>in (cm)  | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|--------------------|------------------|-------------------|-------------------|
| 14-6814-3600 ..... | 35.19 (89.4) ..... | 15.75 (40) ..... | 32.75 (83) .....  | 190 (86)          |
| 14-6918-0600 ..... | 35.19 (89.4) ..... | 15.75 (40) ..... | 32.75 (83) .....  | 190 (86)          |

# Brake Bleed Unit

## Standard Features:

- Military Approved
- Stainless steel construction
- 2 gal (7.6 l) reservoir
- Sealed fill cap with pressure relief and vacuum breaker valves
- 2 micron filtration (Beta rating > 1000 @ 4 µm per ISO 4572)
- 200 psi (13.8 bar) maximum pressure
- 2 in (5 cm) filler port
- High displacement hand pump (13 strokes per quart)
- 15 ft (4.6 m) #6 hose with 37° JIC female swivel connector
- Bulkhead plate for installation of size #12 bulkhead quick disconnect coupling half
- Adaptor fittings for connecting size #12, MS33656 and MS33657 quick disconnect couplings
- 8 in (20.3 cm) sight glass
- Hose storage bracket

## Couplings:

| Coupling                              | Model             | NSN              |
|---------------------------------------|-------------------|------------------|
| QD Coupling Half.....                 | N-2417-06 .....   | 4730-00-540-1268 |
| QD Bulkhead Half.....                 | N-2705-06 .....   | 4730-00-541-1115 |
| QD Coupling Half.....                 | N-2424-06 .....   | 4730-00-585-0469 |
| QD Bulkhead Half.....                 | N-2559-05 .....   | 4730-00-729-5736 |
| QD With 3/4 Male JIC.....             | N-2539-1212 ..... | 4730-01-449-9702 |
| 45° Bulkhead union Elbow.....         | N-2681-01-S ..... | 4730-00-825-0587 |
| Tube Cap, 1/4 JIC .....               | N-2008-03-S ..... | 4730-00-808-6848 |
| Tube End Reducer, 3/4 - 1/4 JIC ..... | N-2055-08-S ..... | 4730-00-719-2789 |
| 3/4 Dust Plug.....                    | N-2437-03 .....   | 5340-00-790-8423 |

## Specifications:

| Model Number        | Fluid                           | Length<br>in (cm)   | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|---------------------|---------------------------------|---------------------|------------------|-------------------|-------------------|
| 1730-EG-180-2 ..... | MIL-PRF-5606/MIL-PRF-83282..... | 14.375 (36.5) ..... | 10 (26) .....    | 21 (53) .....     | 18 (8)            |



# Certified Nitrogen Service Gauges & Regulators

**ATTENTION non-North American customers** Tronair supplies a standard regulator connector that will "ONLY" connect to a North American gas cylinder. Non-North American customers must provide their local gas cylinder connection information to ensure proper fit.

## Standard Features:

- Certification documents are provided with all gauges
- Service gauges protected by a rubber boot
- Service gauges are liquid filled to maintain accuracy
- Gauge accuracy:
  - Regulators ..... ASME Grade B 3-2-3
  - except 18-4216-6000 .....  $\pm$  Full Scale 2.5%
  - Gauges .....  $\pm$  Full Scale 1.5%
  - Digital Gauge .....  $\pm$  Full Scale .25%
- All gauges require annual calibration
- Storage container standard for Service and Pressure Gauges



14-6807-6011



14-6808-6000



14-6833-6030



14-6830-6012



14-6805-6010



14-6806-6011

## Specifications:

| Model Number      | Description/Purpose                                               | Pressure Range<br>psi (bar) | Increments<br>psi (bar) | Hose<br>Length<br>in (cm) |
|-------------------|-------------------------------------------------------------------|-----------------------------|-------------------------|---------------------------|
| * 14-6804-6000    | High Pressure Regulator - servicing high pressure with CGA-580    | 0-2,500 (0-172)             | 200 (13.8)              | 180 (457)                 |
| * 14-6829-6000    | High Pressure Regulator - servicing high pressure with CGA-680    | 0-4,500 (310)               | 200 (13.8)              | 180 (457)                 |
| * 14-6808-6000    | Low Pressure Regulator - servicing low pressure with CGA-580      | 0-500 (0-34)                | 20 (1.4)                | 180 (457)                 |
| 14-6805-6010      | Strut Service Gauge - inflates struts with nitrogen               | 0-3,000 (0-207)             | 50 (3.4)                | 16 (41)                   |
| 14-6831-6010      | Strut Service Gauge - inflates & deflates struts with nitrogen    | 0-3,000 (0-207)             | 50 (3.4)                | 16 (41)                   |
| 14-6884-6000      | Strut Service Gauge - inflates & deflates struts with nitrogen    | 0-3,000 (0-207)             | 50 (3.4)                | 16 (41)                   |
| 14-6895-6000      | Strut Service Gauge - inflates & deflates struts with nitrogen    | 0-1,500 (0-103)             | 10 (.7)                 | 16 (41)                   |
| 14-6900-6000      | Strut Service Gauge - inflates & deflates struts with nitrogen    | 0-600 (0-41)                | 5 (0.35)                | 16 (41)                   |
| 14-6900-6600      | Strut Service Gauge - inflates & deflates struts with nitrogen    | 0-600 (0-41)                | 5 (0.35)                | 16 (41)                   |
| 14-6903-6000      | Strut Service Gauge - inflates struts with nitrogen               | 0-3,000 (0-207)             | 50 (3.4)                | 16 (41)                   |
|                   | Strut Service Gauge - inflates struts with nitrogen               | 0-600 (0-41)                | 5 (0.35)                | 16 (41)                   |
| 14-6806-6011      | Tire Pressure Gauge - aircraft tire pressure gauge                | 0-300 (0-21)                | 2 (0.14)                | 9 (23)                    |
| 14-6806-6011-A1   | Tire Pressure Gauge - aircraft tire pressure gauge                | 0-300 (0-21)                | 2 (0.14)                | 24 (61)                   |
| 14-6877-6012      | Tire Pressure Gauge - aircraft tire pressure gauge                | 0-300 (0-21)                | 2 (0.14)                | 15 (38)                   |
| 14-6807-6011      | Tire Service Gauge - inflates tires with nitrogen                 | 0-300 (0-21)                | 2 (0.14)                | 15 (38)                   |
| 14-6807-6011-A1   | Tire Service Gauge - inflates tires with nitrogen                 | 0-300 (0-21)                | 2 (0.14)                | 120 (305)                 |
| * 14-6807-6011-A2 | Tire Service Gauge - inflates tires with nitrogen                 | 0-90 (0-6)                  | 2 (0.14)                | 18 (46)                   |
| 14-6830-6012      | Tire Service Gauge - inflates tires with nitrogen                 | 0-300 (0-21)                | 2 (0.14)                | 19 (48)                   |
| 14-6833-6030      | Tire Service Gauge - inflates tires with nitrogen                 | 0-300 (0-21)                | 2 (0.14)                | 16 (41)                   |
|                   | Strut Service Gauge - inflates struts with nitrogen               | 0-3,000 (0-207)             | Digital                 | 16 (41)                   |
| 14-6885-6000      | Low Pressure Regulator - servicing low pressure with CGA-580      | 0-500 (0-34)                | 20 (1.4)                | 15 (38)                   |
|                   | Tire Service Gauge - inflates tires with nitrogen                 | 0-100 (0-6.9)               | 1 (0.07)                | 16 (41)                   |
| 14-6886-6000      | High Pressure Regulator - servicing high pressure with CGA-680    | 0-4,500 (310)               | 200 (13.8)              | 15 (38)                   |
|                   | Tire Service Gauge - inflates tires with nitrogen                 | 0-200 (0-13.8)              | 4 (0.28)                | 16 (41)                   |
| 14-6891-6000      | Tire Service Gauge - inflates tires with nitrogen                 | 0-300 (0-21)                | 2 (0.14)                | 16 (41)                   |
|                   | Strut Service Gauge - inflates struts with nitrogen               | 0-600 (0-41)                | 5 (0.35)                | 16 (41)                   |
| 18-4216-6000      | Low Pressure Regulator - servicing high frequency coupler antenna | 0-15 (0-1.03)               | 1 (0.07)                | 16 (41)                   |

\* Pressure regulator gauges do not have rubber boots or liquid filled gauges

• Pressure relief set at 90 psi

All listed service gauges are for .305-32 stems, see following page for .482-26 adaptors

**ATTENTION non-North American customers** Tronair supplies a standard regulator connector that will “ONLY” connect to a North American gas cylinder. Non-North American customers must provide their local gas cylinder connection information to ensure proper fit.



See pages 60 - 61 for nitrogen servicing and transportation equipment

Specifications:

| Model Number                    | Description/Purpose                                                   | Thread                         | Max Pressure<br>psi (bar) |
|---------------------------------|-----------------------------------------------------------------------|--------------------------------|---------------------------|
| <sup>1</sup> 14-6802-6000 ..... | Tire/Strut Deflator - deflates tires and struts .....                 | .312-32 .....                  | N/A                       |
| <sup>2</sup> 14-6892-6000 ..... | Tire Deflator - tire stem removal tool and deflator .....             | .305-32 .....                  | N/A                       |
| <sup>3</sup> H-2482 .....       | Tire Thread Adaptor - airline thread adaptor .....                    | .305-32 to .482-26 .....       | 300 (21)                  |
| H-2483 .....                    | Dual Foot Air Inflator - checking or inflating large bore stems ..... | 1/4 NPTF to .482-26 .....      | 300 (21)                  |
| H-2484 .....                    | Tire Lock-On Chuck - airline large bore inflation tool .....          | .482-26 to 1/4 NPTF .....      | 300 (21)                  |
| K-2419 .....                    | High Pressure Connector - connector with valve core depressor .....   | .305-32 to 1/8 NPTF .....      | 3000 (206.8)              |
| K-3127 .....                    | Air Chuck Adaptor Kit - connector with valve core depressor .....     | .305-32 to -06 JIC Flare ..... | 300 (21)                  |
| K-3706 .....                    | High Pressure Connector - high pressure valve connector .....         | .305-32 to -04 JIC Flare ..... | 5000 (344.7)              |
| PC-1011 .....                   | High Pressure Connector - connector with valve core depressor .....   | .305-32 to -03 JIC Flare ..... | 3000 (206.8)              |

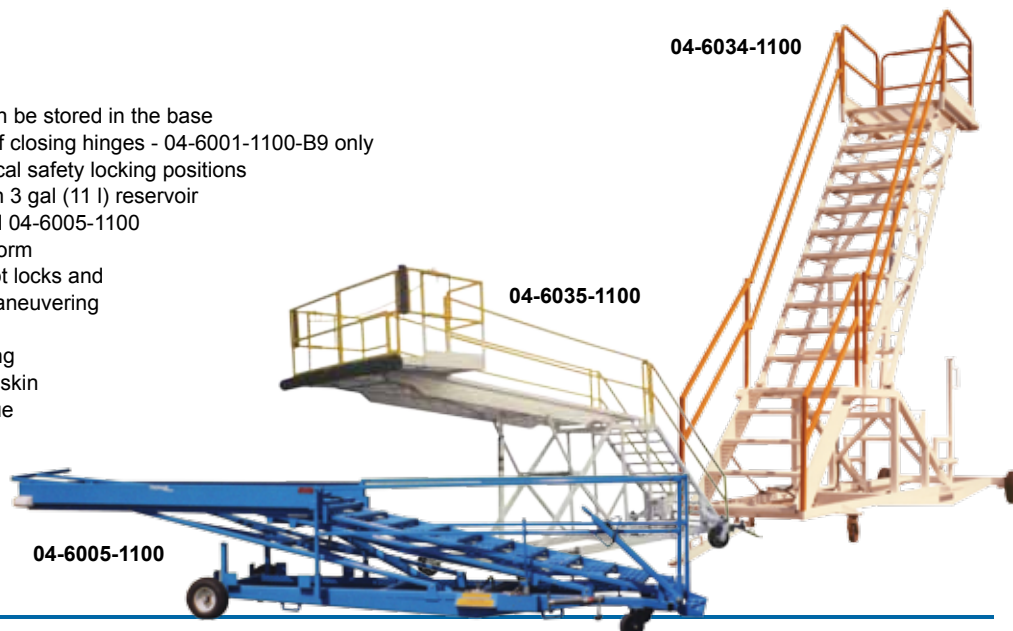
<sup>1</sup> Hose provided to drain aircraft struts (remove hose when using for tire service)  
<sup>2</sup> .305-32 equals VG8  
<sup>3</sup> .482-26 equals VG12



## Hydraulic Maintenance Platforms

### Standard Features:

- Sturdy welded steel construction
- 500 lb (227 kg) capacity
- 41 in (104 cm) removable guardrails can be stored in the base
- 41 in (104 cm) gated guardrails with self closing hinges - 04-6001-1100-B9 only
- Hydraulic cylinder contains 11 mechanical safety locking positions
- Double acting hydraulic hand pump with 3 gal (11 l) reservoir
- Optional air pump on 04-6001-1100 and 04-6005-1100
- Non-slip grating on stair steps and platform
- Two 8 in (20 cm) swivel casters with foot locks and polyurethane tread wheels for easy maneuvering
- Two 16 in (41 cm) pneumatic wheels
- Detachable towbar for easy maneuvering
- Poly-vinyl bumpers help protect aircraft skin
- Finish: Durable Powder Coat Tronair Blue



### Specifications:

| Model Number      | Platform Height<br>ft (m) | Working Range<br>ft (m) | Raised Ht Clearance<br>ft (m) | Platform Size<br>ft (m) | Base Dimensions<br>(collapsed) ft (m) | Weight<br>lb (kg) |
|-------------------|---------------------------|-------------------------|-------------------------------|-------------------------|---------------------------------------|-------------------|
| * 04-6001-1100    | 3 (.9) to 12 (3.7)        | 6 (1.8) to 18 (5.5)     | 15.4 (4.7)                    | 4 (1.2) x 4 (1.2)       | 5.8 (1.8) x 17.4 (5.3)                | 1560 (708)        |
| * 04-6001-1100-B9 | 3 (.9) to 12 (3.7)        | 6 (1.8) to 18 (5.5)     | 15.4 (4.7)                    | 4 (1.2) x 4 (1.2)       | 5.8 (1.8) x 17.4 (5.3)                | 1560 (708)        |
| 04-6005-1100      | 3 (.9) to 10 (3.0)        | 6 (1.8) to 18 (5.5)     | 13.4 (4.1)                    | 4 (1.2) x 11 (3.4)      | 5.8 (1.8) x 23 (7)                    | 1700 (771)        |
| 04-6034-1100      | 7 (2.0) to 15 (4.6)       | 10 (3) to 21 (6.4)      | 18.4 (5.6)                    | 4 (1.2) x 4 (1.2)       | 5.8 (1.8) x 20.6 (6.3)                | 2070 (939)        |
| 04-6035-1100      | 10 (3.0) to 19 (5.8)      | 13 (3.9) to 25 (7.6)    | 22.4 (6.8)                    | 4 (1.2) x 9 (2.7)       | 7.8 (2.4) x 27 (8.2)                  | 3330 (1514)       |
| 04-6037-0100      | 3 (.9) to 10 (3.0)        | 6 (1.8) to 18 (5.5)     | 13.4 (4.1)                    | 4 (1.2) x 11 (3.4)      | 5.8 (1.8) x 23 (7)                    | 1700 (771)        |
| * 04-6040-0100    | 3 (.9) to 12 (3.7)        | 6 (1.8) to 18 (5.5)     | 15.4 (4.7)                    | 4 (1.2) x 4 (1.2)       | 5.8 (1.8) x 17.4 (5.3)                | 1560 (708)        |
| 04-6041-0100      | 7 (2.0) to 15 (4.6)       | 10 (3) to 21 (6.4)      | 18.4 (5.6)                    | 4 (1.2) x 4 (1.2)       | 5.8 (1.8) x 20.6 (6.3)                | 2070 (939)        |
| 04-6042-0100      | 10 (3.0) to 19 (5.8)      | 13 (3.9) to 25 (7.6)    | 22.4 (6.8)                    | 4 (1.2) x 9 (2.7)       | 7.8 (2.4) x 27 (8.2)                  | 3330 (1514)       |

\* K-1824 Stabilizer Kit

## B4 and B5 Type Maintenance Platforms

### Standard Features:

- Sturdy welded steel construction
- Platform size: 3 ft (.9 m) x 8 ft (2.4 m)
- 500 lb (227 kg) capacity
- 48 in (122 cm) removable guardrails
- 48 in (122 cm) gated guardrails with self closing hinges  
04-6029-5111-A5, 04-6030-5111-A2 only
- Telescoping ladder reaches raised platform height
- Hydraulic foot pedal pump
- Non-slip composite platform
- Safety mechanical platform stops
- Towbar for easy maneuvering
- 4 swivel casters with foot brake and swivel locks for easy positioning
- Rubber bumpers on platform corners for aircraft protection
- Finish: Durable Powder Tronair Blue

### Accessory:

- K-3589 - B4 to B5 conversion



### Specifications:

| Model Number    | Type | Platform Height   |                  | Raised Height Clearance<br>ft (m) | Overall Length<br>ft (m) | Width<br>in (cm) | Weight<br>lb (kg) |
|-----------------|------|-------------------|------------------|-----------------------------------|--------------------------|------------------|-------------------|
|                 |      | Closed<br>in (cm) | Raised<br>ft (m) |                                   |                          |                  |                   |
| 04-6029-5111    | B4   | 41 (104)          | 7.3 (2.2)        | 11.3 (3.4)                        | 9 (2.7)                  | 37 (94)          | 1,400 (635)       |
| 04-6029-5111-A5 | B4   | 41 (104)          | 7.3 (2.2)        | 11.3 (3.4)                        | 9 (2.7)                  | 37 (94)          | 1,400 (635)       |
| 04-6030-5111-A2 | B5   | 96 (244)          | 12 (3.6)         | 16 (4.9)                          | 9 (2.7)                  | 66 (168)         | 1,500 (680)       |
| 04-6030-5111    | B5   | 96 (244)          | 12 (3.6)         | 16 (4.9)                          | 9 (2.7)                  | 66 (168)         | 1,500 (680)       |
| 04-6036-0100    | B4   | 47 5/8 (121)      | 8 (2.4)          | 12 (3.6)                          | 9 (2.7)                  | 37 (94)          | 1,500 (680)       |

## Standard Features:

- Sturdy welded steel construction
- Manual or hydraulically operated models
- Swivel casters for easy maneuvering
- Pivoting arm maintains horizontal lifting point **04-6028-0121**
- Interchangeable attachment for custom applications **04-6028-0121** (sold separately)
- Finish: Durable Powder Coat Tronair Blue

## Accessories:

- **K-3057** - Crane attachment
- **K-3189** - Lear 45 wing flaps removal fixture
- **K-4664** - Lear 45 APU Lift
- **K-3712** - ERJ-135/145 battery platform
- **K-3853** - Horizon APU adaptor
- **K-4400** - GIV, GV, GVSP, GIVSP, G450, G500, G550, G650 battery lift kit
- **K-4617** - Bombardier C Series APU Lift
- **Z-4082** - Battery lifting platform

## Specifications:

| Manufacturer/Aircraft                   | Model Number | Operation | Range<br>in (cm)    | Length<br>in (cm) | Width<br>in (cm) | Weight<br>lb (kg) |
|-----------------------------------------|--------------|-----------|---------------------|-------------------|------------------|-------------------|
| Embraer - ERJ 135 ERJ 145, ..... Legacy | 04-6032-0100 | Hydraulic | 14 (36) to 87 (221) | 82 (208)          | 50 (127)         | 265 (120)         |
| Horizon APU Hoist                       | 04-6033-0100 | Hydraulic | 12 (31) to 84 (213) | 82 (208)          | 50 (127)         | 302 (134)         |
| * Universal                             | 04-6028-0121 | Hydraulic | 12 (31) to 84 (213) | 82 (208)          | 50 (127)         | 265 (120)         |

\* Maximum Capacity 500 lb (227 kg)



# Battery Lifts

## Standard Features:

- Sturdy welded steel construction
- Manual or hydraulically operated models
- Swivel casters for easy maneuvering
- 300 lb (136 kg) maximum vertical lift **04-6031-0100**
- 100 lb (45 kg) maximum vertical lift
- Finish: Durable Powder Coat Tronair Blue  
Light Gray Enamel **04-6027-0110**

## Specifications:

| Manufacturer/Aircraft         | Model Number | Operation  | Range<br>in (cm)     | Length<br>in (cm) | Width<br>in (cm) | Weight<br>lb (kg) |
|-------------------------------|--------------|------------|----------------------|-------------------|------------------|-------------------|
| Dassault Falcon - 900         | 04-6031-0100 | Hydraulic  | 47 (119) to 82 (208) | 46 (117)          | 54 (137)         | 90 (41)           |
| Hawker Beechcraft - JPATS     | 04-6027-0110 | Hydraulic  | 31 (78) to 49 (124)  | 18 (46)           | 18 (46)          | 45 (20)           |
| Raytheon - HS-125 (all)       | 04-6014-0010 | Hand Winch | 36 (91) to 88 (224)  | 27 (69)           | 24 (61)          | 54 (25)           |
| Bombardier - Learjet & others | 04-6000-0910 | Hydraulic  | 27 (69) to 45 (114)  | 18 (46)           | 18 (46)          | 35 (16)           |



# Heavy Duty Hydraulic Utility Cranes

## Standard Features:

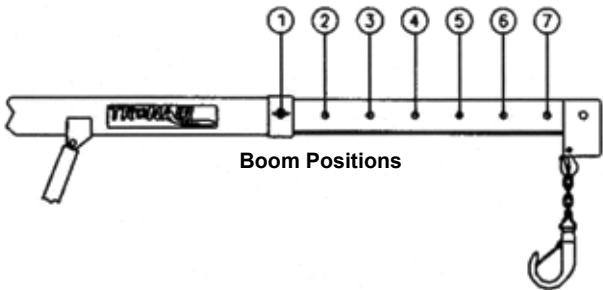
- Heavy duty base and frame provide required counterweight for safe lifting
- Anti-slip mats are placed on all walking surfaces
- 2 in (5 cm) boom adjustment increments with seven (7) positions
- Conveniently located controls with hardware and connection points to easily add field options
- Safety fuse prevents the load from dropping in the event of a hydraulic failure
- Heavy duty load bearing wheels in front and swivel casters in rear for easy maneuvering under load
- Manual floor lock to prevent crane movement
- Designed to provide maximum work space
- Finish: Durable Powder Coat Tronair Blue

## Accessories:

- K-2012 - Gooseneck Boom Kit
- K-2013 - Airpump Kit
- K-2953 - Heavy Duty Hand Winch Kit



04-6150-0120



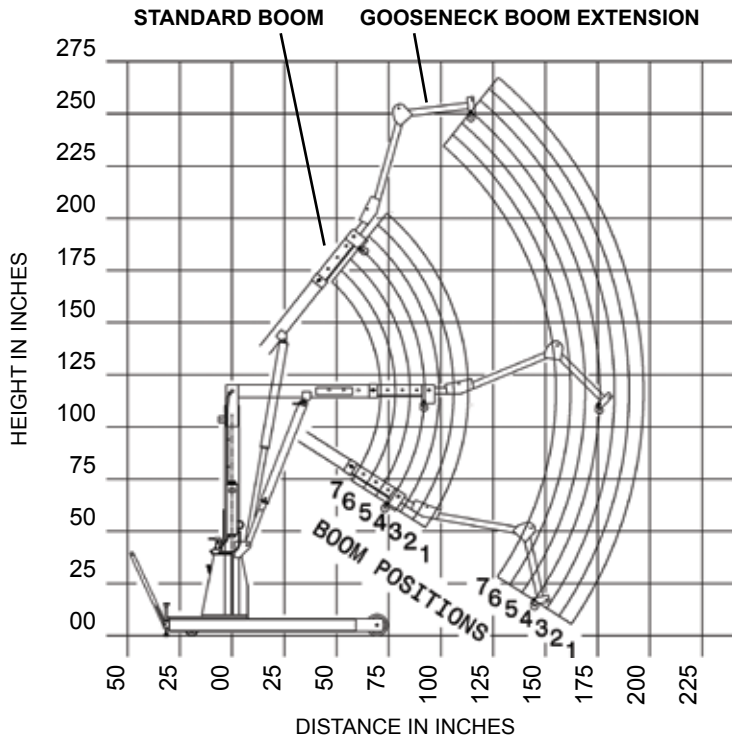
## Specifications:

| Model Number       | Capacity<br>lb (kg) * | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-----------------------|-------------------|------------------|-------------------|-------------------|
| 04-6150-0120 ..... | 4000 (1814) .....     | 117 (297).....    | 78 (198) .....   | 120 (305).....    | 2,290 (1,039)     |
| 04-6152-0120 ..... | 2750 (1247) .....     | 117 (297).....    | 78 (198) .....   | 156 (396).....    | 2,399 (1,088)     |

\* Without Gooseneck Boom, Position #7 (retracted)

Crane Boom Shown in Position 4

04-6150-0120



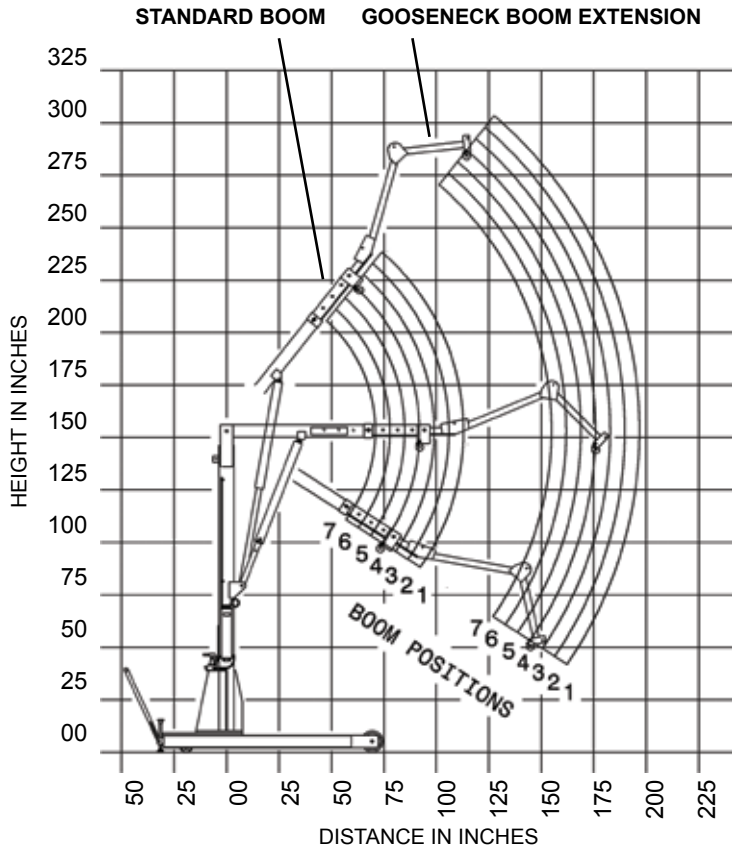
## STANDARD BOOM

| Boom Position | Max. Load<br>lbs (kg) | Max. Height<br>in (cm) |
|---------------|-----------------------|------------------------|
| 1             | 1500 (680)            | 195 (495)              |
| 2             | 1850 (839)            | 191 (485)              |
| 3             | 2200 (998)            | 187 (475)              |
| 4             | 2550 (1157)           | 183 (465)              |
| 5             | 2900 (1315)           | 179 (455)              |
| 6             | 3250 (1474)           | 175 (444)              |
| 7             | 4000 (1814)           | 171 (434)              |

## GOOSENECK BOOM

| Boom Position | Max. Load<br>lbs (kg) | Max. Height<br>in (cm) |
|---------------|-----------------------|------------------------|
| 1             | 500 (227)             | 256 (650)              |
| 2             | 560 (254)             | 252 (640)              |
| 3             | 720 (327)             | 248 (630)              |
| 4             | 780 (354)             | 244 (620)              |
| 5             | 840 (381)             | 240 (609)              |
| 6             | 900 (408)             | 236 (599)              |
| 7             | 1000 (454)            | 232 (589)              |

04-6152-0120



## STANDARD BOOM

| Boom Position | Max. Load<br>lbs (kg) | Max. Height<br>in (cm) |
|---------------|-----------------------|------------------------|
| 1             | 1350 (612)            | 231 (587)              |
| 2             | 1850 (839)            | 227 (576)              |
| 3             | 2200 (998)            | 223 (566)              |
| 4             | 2500 (1134)           | 219 (556)              |
| 5             | 2750 (1247)           | 215 (546)              |
| 6             | 2750 (1247)           | 211 (536)              |
| 7             | 2750 (1247)           | 207 (526)              |

## GOOSENECK BOOM

| Boom Position | Max. Load<br>lbs (kg) | Max. Height<br>in (cm) |
|---------------|-----------------------|------------------------|
| 1             | 500 (227)             | 292 (741)              |
| 2             | 560 (254)             | 288 (731)              |
| 3             | 600 (272)             | 284 (721)              |
| 4             | 640 (381)             | 280 (711)              |
| 5             | 700 (318)             | 276 (701)              |
| 6             | 750 (340)             | 272 (691)              |
| 7             | 800 (363)             | 268 (681)              |

# Mounted Hoists

## Standard Features:

- Finish:
  - 08-0116-5000 - Yellow Enamel
  - 08-0132-0000 & 08-0136-0010 - Durable Powder Coat Tronair Blue
  - 08-0137-6000 - Aluminum
- 08-0137-6000 mount in fuselage to lift small components

## Upgrade Kit:

- **K-3963** - Convert 08-0136-0000 to 08-0136-0010  
(requires unit to be returned to factory for installing and testing)



## Specifications:

| Model Number       | Rated Work Load<br>lb (kg) | Manufacturer/Aircraft                              | Usage            | Length<br>in (cm) |
|--------------------|----------------------------|----------------------------------------------------|------------------|-------------------|
| 08-0116-5000 ..... | 1,550 (703) .....          | <b>Bombardier</b> Canadair CL-215T, CL-415 .....   | Engine .....     | 80 (203)          |
| 08-0132-0000 ..... | 1,550 (703) .....          | <b>Bombardier</b> deHavilland Dash-8 100-300 ..... | Engine .....     | 78 (198.1)        |
| 08-0136-0010 ..... | 2,000 (907.2) .....        | <b>Bombardier</b> deHavilland Dash-8 400 .....     | Engine .....     | 133 (337.8)       |
| 08-0137-6000 ..... | 250 (113) .....            | <b>Bombardier</b> Canadair CRJ-700 .....           | Components ..... | 55.5 (141)        |



## Propeller Stands

### Standard Features:

- Store and transport propellers
- Sturdy welded steel construction
- Heavy duty casters for easy maneuvering
- Finish: Durable Powder Coat Tronair Blue



### Specifications:

| Model Number | Manufacturer/Aircraft         | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|-------------------------------|-------------------|------------------|-------------------|-------------------|
| 08-2016-0000 | ATR 42                        | 157.5 (400)       | 70 (178)         | 96 (244)          | 976 (443)         |
| 08-2028-0000 | Fairchild/Dornier Dornier 328 | 157.5 (400)       | 70 (178)         | 96 (244)          | 976 (443)         |
| 08-2031-0000 | BAe Jetstream 500             | 54.25 (138)       | 67.25 (171)      | 56.25 (143)       | 456 (207)         |
| 08-2033-0000 | Hartzell HC-E4N-2X            | 54.25 (138)       | 67.25 (171)      | 67.25 (171)       | 300 (136)         |

## WALL MOUNT PROPELLER STANDS

### Specifications:



| Model Number | Manufacturer/Propeller   | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|--------------------------|-------------------|------------------|-------------------|-------------------|
| 08-0503-4000 | Hartzell HD-E6C-3        | 12.5 (31.8)       | 8 (20)           | 8 (20)            | 22 (10)           |
| 08-0504-4000 | Hamilton Standard 14SF-7 | 13 (33)           | 8 (20)           | 8 (20)            | 22 (10)           |
| 08-0505-4000 | Hartzell HC-E5N-3AL      | 8 (20)            | 5.5 (14)         | 5.5 (14)          | 20 (9)            |

## Propeller and Blade Slings

### Specifications:

| Model Number | Manufacturer/ Propeller/Blade        |
|--------------|--------------------------------------|
| 08-0111-6000 | Hamilton Standard - 14SF-7 Blade     |
| 08-0115-4000 | Hamilton Standard - 14SF-7 Propeller |



## Propeller Tools

### Specifications:

| Model Number | Usage                               | Model Number | Usage                               |
|--------------|-------------------------------------|--------------|-------------------------------------|
| 08-0701-4000 | Span Wrench                         | 08-8050-6000 | Power Lever Rigging Tool            |
| 08-0702-6000 | Propeller Pitch Change Tool         | 08-8051-6000 | Condition Lever Rigging Tool        |
| 08-0703-6000 | Propeller Seal Tool                 | 08-8056-6000 | Propeller Seal Tool                 |
| 08-0704-4000 | Propeller Torque Adaptor Tool       | 08-8064-4000 | Propeller Torque Adaptor Tool       |
| 08-0705-6000 | Propeller Torque Motor Removal Tool | 08-8077-6000 | Propeller Torque Motor Removal Tool |



## Mobile Engine Work Stands

### Standard Features:

- Heavy duty welded steel construction
- Easy maneuvering with 2 swivel and 2 rigid heavy duty casters
- Rigid casters equipped with floor locks
- Handy oil recovery pan to avoid damage to hanger floors
- Easily converted to accept left and right hand engines
- Multiple engine adaptability (engine adaptor kits sold separately)
- Removable towbar with storage hooks
- Adaptors change in minutes
- Finish: Durable Powder Coat Tronair Blue

### Adaptor Kits:

#### 08-2030-0000 - 08-2034-0010

- **K-2685** - Pratt & Whitney PW530A
- **K-2769** - Pratt & Whitney PW545A
- **K-2770** - Garrett TFE731-1 to 5
- **K-2776** - Pratt & Whitney JT15D-1 to 5
- **K-2808** - Garrett TFE731-20
- **K-3068** - Pratt & Whitney PW535
- **K-4093** - Pratt & Whitney PWC127

#### 08-2034-0010 only

- **K-3152** - Pratt & Whitney PW306A
- **K-3618** - Pratt & Whitney PW308A
- **K-3842** - Pratt & Whitney PW306C
- **K-4192** - Hawker 900XP 731-50R Engine



08-2034-0010

### Specifications:

| Model Number | Manufacturer/ Engine              | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|-----------------------------------|-------------------|------------------|-------------------|-------------------|
| 08-2014-0000 | Pratt & Whitney - PW100           | 86 (218)          | 38 (97)          | 45 (114)          | 540 (245)         |
| 08-2018-0000 | Pratt & Whitney - PW305           | 105 (267)         | 49 (125)         | 63 (160)          | 550 (250)         |
| 08-2029-0000 | Rolls Royce (Allison) - AE-3007-C | 120 (305)         | 61 (155)         | 83 (211)          | 960 (435)         |
| 08-2030-0000 | Various - See Adaptor Kits        | 73 (185)          | 55 (140)         | 60 (152)          | 485 (220)         |
| 08-2034-0010 | Various - See Adaptor Kits        | 133 (338)         | 70 (178)         | 60 (152)          | 650 (295)         |

### Standard Features:

#### Model: 08-2037-0000

- Heavy duty welded steel construction
- One ton lift capacity
- Electric motor operated
- Adjustable from 30 to 73 inches at engine centerline
- Easy maneuvering with 4 lockable, swivel heavy duty casters
- Easily converted to accept left and right hand engines
- Multiple engine adaptability (engine adaptor kits sold separately)
- Removable towbar with storage hooks
- Anti-slip mats on all work/walking surfaces
- Finish: Durable Powder Coat Tronair Blue

### Adaptor Kits:

- **K-4662** - Garrett TFE731-20
- **K-4663** - Pratt & Whitney PW305



08-2037-0000

### Specifications:

| Model Number | Manufacturer/ Engine     | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------|--------------------------|-------------------|------------------|-------------------|-------------------|
| 08-2037-0000 | Pratt & Whitney - PW307B | 102 (259)         | 105 (267)        | 85 (216)          | 4,000 (1,814)     |

### Standard Features:

- Manual gear driven 360° rotation with safety locks at 3° intervals
- Sturdy welded steel construction
- Towbar stores away for ease of engine maintenance
- Heavy duty 6 in (15 cm) casters with 2 swivel and 2 rigid for easy maneuvering
- Two foot operated floor locks stabilize stand during maintenance operation
- Handy oil recovery pan to avoid damage to hangar floors
- Multiple engine adaptability (engine adaptor kits sold separately)
- Non-slip work/walking surfaces
- Adaptors change in minutes
- Finish: Durable Powder Coat Tronair Blue

### Adaptor Kits:

#### 08-2021C0000

- **K-1795** - Garrett TFE731-1 to 5
- **K-1796** - Pratt & Whitney JT15D
- **K-2032** - Williams FJ44
- **K-3215** - Garrett TFE731-20 & 40
- **K-3861** - Garrett TFE731-60
- **K-3994** - Pratt & Whitney PW615F-A
- **K-4030** - Williams FJ33
- **K-4071** - Pratt & Whitney PW615F-A Lord Mounting
- **K-4190** - Williams FJ44-4

#### 08-2220C0000

- **K-4009** - Williams FJ33
- **K-4131** - Williams FJ44-4



### Specifications:

| Model Number      | Capacity<br>lb (kg) | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|-------------------|---------------------|-------------------|------------------|-------------------|-------------------|
| 08-2021C0000..... | 1,000 (453.6).....  | 40 (102).....     | 56 (142).....    | 51 (42).....      | 375 (170)         |
| 08-2220C0000..... | 500 (226.8).....    | 32 (81).....      | 43 (109).....    | 52 (107).....     | 300 (136)         |

### Standard Features:

- 45° positioning wheel with ball lock pin secures engine giving 8 angles of maintenance access
- Sturdy welded steel construction
- Easy maneuvering with 2 swivel and 2 rigid heavy duty casters
- Center foot operated grips firmly to stabilize stand during maintenance operation
- Handy oil recovery pan to avoid damage to hanger floors
- Finish: Durable Powder Coat Tronair Blue

### Adaptor Kits:

- **K-2108** - Rolls Royce (Allison) 250-C18, 20, C28, 30
- **K-2110** - Garrett TPE331
- **K-2111** - Lycoming LTS101

### Specifications:

| Model Number      | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|-------------------|-------------------|------------------|-------------------|-------------------|
| 08-2023-0010..... | 33 (84).....      | 40 (102).....    | 44 (112).....     | 169 (77)          |



# Portable Turbine Engine Change Stand

## Standard Features:

- Heavy duty 8 in (20 cm) casters
- Sturdy welded steel construction
- Floor locks for stability
- Finish: Durable Powder Coat Tronair Blue

## Adaptor Kits:

- **K-2112** - Garrett TFE731-1 to 5
- **K-2113** - General Electric CF700
- **K-2114** - General Electric CJ610
- **K-2115** - Pratt & Whitney PT6A-1 to 3 & 36
- **K-2116** - Pratt & Whitney PT6A-41 to 65 (except A50)
- **K-2117** - Pratt & Whitney JT15D

## Slings: Can become integral part of stand

- **08-0100-4000** - General Electric CF700 & CJ610  
Pratt & Whitney PT6A-1 to 36
- **08-0102-4010** - Garrett TFE731-1 to 5  
Pratt & Whitney PT6A-B36, PT6A-38 & 41 to 65 (except 50)
- **08-0114-4010** - Pratt & Whitney JT15-D-1B, 4B, 4D, 5, 5D  
(JT15D-5D requires adaptor kit K-2478)

Engine Sling  
(not included,  
see Engine Slings)

Engine Adaptor  
(not included,  
see Adaptor Kits)

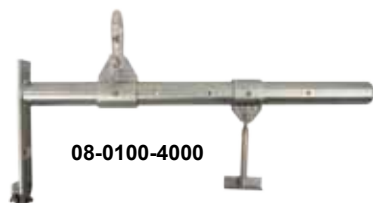
08-2001-0000



## Specifications:

| Model Number       | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|-------------------|------------------|-------------------|-------------------|
| 08-2001-0000 ..... | 49 (125).....     | 52 (132) .....   | 73 (185).....     | 350 (159)         |

## Engine Slings



08-0100-4000



08-0106-4000



08-0121-4010

## Specifications:

| Model Number       | Capacity<br>lb (kg) | Manufacturer/ Engine                                             | Required<br>Adaptor Kit |
|--------------------|---------------------|------------------------------------------------------------------|-------------------------|
| 08-0100-4000 ..... | 900 (408) .....     | General Electric - CF700 & CJ610 .....                           | NA                      |
|                    |                     | Pratt & Whitney - PT6A-1 to 36 .....                             | NA                      |
| 08-0102-4010 ..... | 1,100 (499) .....   | Garrett - TFE731-1 to 5 .....                                    | NA                      |
|                    |                     | Pratt & Whitney - PT6A-B36, PT6A-38 & 41 to 65 (except 50) ..... | NA                      |
| 08-0103-4000 ..... | 1,000 (454) .....   | Garrett - TPE331 .....                                           | NA                      |
| 08-0104-4000 ..... | 300 (136) .....     | Rolls Royce (Allison) - 250 .....                                | NA                      |
| 08-0106-4000 ..... | 600 (272) .....     | General Electric - CT-7 .....                                    | NA                      |
| 08-0112-4000 ..... | 1,170 (531) .....   | Pratt & Whitney - PW100 Series (except PW119B) .....             | NA                      |
| 08-0113-4000 ..... | 600 (272) .....     | Pratt & Whitney - PW120 Reduction Gear Box .....                 | NA                      |
| 08-0114-4010 ..... | 695 (315) .....     | Pratt & Whitney - JT15D-1B, 4B, 4D, 5 .....                      | NA                      |
|                    |                     | Pratt & Whitney - JT15D-5D .....                                 | K-2478                  |
| 08-0119-8000 ..... | 850 (386) .....     | Williams - FJ44, 1, 2, 3 .....                                   | NA                      |
| 08-0120-4000 ..... | 917 (416) .....     | Pratt & Whitney - PT6A-50 .....                                  | NA                      |
| 08-0121-4010 ..... | 1,500 (680) .....   | Pratt & Whitney - PW305 .....                                    | NA                      |
| 08-0126-4000 ..... | 1,000 (454) .....   | Pratt & Whitney - PW118, 119B .....                              | NA                      |
| 08-0127-4000 ..... | 600 (272) .....     | Williams - FJ44-1C .....                                         | NA                      |
| 08-0129-4000 ..... | 2,500 (1,134) ..... | Rolls Royce (Allison) - AE-3007-C .....                          | NA                      |
| 08-0130-4000 ..... | 1,500 (680) .....   | Pratt & Whitney - PW530A, PW545A .....                           | NA                      |

Continued on following page



08-0135-4000



08-0141-4000



08-0149C4000

## Specifications:

| Model Number | Capacity<br>lb (kg) | Manufacturer/ Engine                | Required<br>Adaptor Kit |
|--------------|---------------------|-------------------------------------|-------------------------|
| 08-0133-4000 | 4,000 (1,814)       | Garrett - TFE730-20-1B              | K-2809                  |
|              |                     | Garrett - TFE731-2                  | K-2897                  |
|              |                     | Lycoming - LTS-101                  | K-2908                  |
|              |                     | Williams FJ-44-1A, FJ-44-2C         | K-2866                  |
|              |                     | Williams FJ-44-1C                   | K-2867                  |
|              |                     | Pratt & Whitney - PT6A-50           | K-2906                  |
| 08-0134-4000 | 2,500 (1,134)       | Garrett - TFE730-20-1B              | K-2809                  |
|              |                     | Garrett - TFE731-2                  | K-2897                  |
|              |                     | Lycoming - LTS-101                  | K-2908                  |
|              |                     | Pratt & Whitney - PT6A-50           | K-2906                  |
|              |                     | Pratt & Whitney - JT15D-1, 4 (2), 5 | K-2850                  |
|              |                     | Pratt & Whitney - JT15D-4 (2)       | K-2851                  |
|              |                     | Pratt & Whitney - PW530A, PW545A    | K-2868                  |
|              |                     | Pratt & Whitney - PT6-41, 42, 60    | K-2898                  |
|              |                     | Pratt & Whitney - PT6-B36           | K-2899                  |
|              |                     | Pratt & Whitney - PW535             | K-3067                  |
|              |                     | Pratt & Whitney - PW615F            | K-4072                  |
|              |                     | Williams FJ-44-1A                   | K-2866                  |
|              |                     | Williams FJ-44-1C                   | K-2867                  |
|              |                     | Williams FJ-44-2C                   | K-2866                  |
| 08-0135-4000 | 2,500 (1,134)       | Garrett - TFE730-20-1B              | K-2809                  |
|              |                     | Garrett - TFE731-2                  | K-2897                  |
|              |                     | General Electric - CT-7-5A          | K-2909                  |
|              |                     | Lycoming - LTS-101                  | K-2908                  |
|              |                     | Pratt & Whitney - PT6A-50           | K-2906                  |
|              |                     | Pratt & Whitney - JT15D-1, 4 (2), 5 | K-2850                  |
|              |                     | Pratt & Whitney - JT15D-4 (2)       | K-2851                  |
|              |                     | Pratt & Whitney - PW530A, PW545A    | K-2868                  |
|              |                     | Pratt & Whitney - PW120             | K-2869                  |
|              |                     | Pratt & Whitney - PW-119B           | K-2877                  |
|              |                     | Pratt & Whitney - PW305             | K-2896                  |
|              |                     | Pratt & Whitney - PT6-41, 42, 60    | K-2898                  |
|              |                     | Pratt & Whitney - PT6-B36           | K-2899                  |
|              |                     | Pratt & Whitney - PW535             | K-3067                  |
|              |                     | Pratt & Whitney - PW306A, PW3066    | K-3126                  |
|              |                     | Pratt & Whitney - PW615F            | K-4072                  |
|              |                     | Williams FJ-44-1A                   | K-2866                  |
|              |                     | Williams FJ-44-1C                   | K-2867                  |
| 08-0138-4000 | 1,400 (635)         | Pratt & Whitney - PW306A            | NA                      |
| 08-0139-4000 | 1,900 (862)         | Pratt & Whitney - PW306B            | NA                      |
| 08-0140-4000 | 1,000 (454)         | Pratt & Whitney - PW535             | NA                      |
| 08-0141-4000 | 1,000 (454)         | Garrett - TFE-731-20R-1B            | NA                      |
| 08-0142-4000 | 1,000 (454)         | Garrett - TFE731-40R/200G           | NA                      |
| 08-0143-4000 | 1,650 (748)         | Pratt & Whitney - PW306C            | NA                      |
| 08-0144-4000 | 1,900 (862)         | Pratt & Whitney - PW308A            | NA                      |
| 08-0145C4000 | 450 (204)           | Pratt & Whitney - PW615F-A          | NA                      |
| 08-0147C4000 | 850 (386)           | Williams FJ-44-4                    | NA                      |
| 08-0149C4000 | 2,000 (907)         | Pratt & Whitney - PW307B            | NA                      |



# Engine Compressor Washers

## Standard Features:

- Stainless steel fluid tanks with large fill ports, bleed-off valve and safety pop-off valve
- Requires 125 psi (8.6 bar) shop air
- Pressure regulator with certified pressure gauge provided for flow control
- Solution agitation circuit
- 2 - ASME certified steel compressed air storage tanks with drain valves (1 on 08-4048-0013, 0 on 08-4059-0013)
- Sturdy welded steel frame
- 08 micron output filter
- Foot brake
- Finish: Durable Powder Coat Tronair Blue

## Additional Features:

**Models: 08-4048-0013, 08-4049-0013, 08-4059-0013**

- 4 ft (1.2 m) wand assembly with shut-off valve
- Spray wand with 20 ft (6 m) hose and 4 nozzles:  
1.5 gpm (6 lpm), 3 gpm (11 lpm),  
6 gpm (23 lpm), 10 gpm (38 lpm)

**Model: 08-4053-0013**

- No wand, T-hose attachment

**Model: 08-4058-0013**

- No wand, hose attachment

**Models: 08T4049-0013, 08-4059-0013**

- PT-6 Fuel Nozzle Cleaner (K-4243)

## Adaptor Kits:

- **K-1057** - Garrett TPE331
- **K-2248** - General Electric CFM56
- **K-1152** - Pratt & Whitney PT6
- **K-4590** - Bell 429
- **K-3803** - Bombardier Challenger 300
- **K-1710** - Canadair CRJ100, Challenger
- **K-1243** - Cessna Caravan
- **K-3202** - Cessna Citation X
- **K-2714** - deHavilland Dash-8 100/300
- **K-1709** - deHavilland DHC6, Twin Otter
- **K-4500** - Eurocopter (with Turbomeca Arriel/Makila engines)
- **K-1269** - Raytheon King Air
- **K-1953** - Rolls Royce (Allison) 250-C20J,  
Bell 206B-JR3
- **K-1357** - Saab 340
- **K-3979** - Sikorsky S92
- **K-4464** - Sikorsky S76



08-4049-0013

## Specifications:

| Model Number       | Wash & Rinse<br>Tank Capacity<br>gal (l) | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|--------------------|------------------------------------------|-------------------|------------------|-------------------|-------------------|
| 08-4048-0013 ..... | 7 (27) .....                             | 33 (84) .....     | 29 (74) .....    | 52 (132) .....    | 152 (69)          |
| 08-4049-0013 ..... | 12 (45) .....                            | 33 (84) .....     | 29 (74) .....    | 52 (132) .....    | 266 (121)         |
| 08-4053-0013 ..... | 12 (45) .....                            | 33 (84) .....     | 29 (74) .....    | 53 (135) .....    | 266 (121)         |
| 08-4058-0013 ..... | 12 (45) .....                            | 33 (84) .....     | 29 (74) .....    | 53 (135) .....    | 266 (121)         |
| 08-4059-0013 ..... | 12 (45) .....                            | 33 (84) .....     | 29 (74) .....    | 53 (135) .....    | 158 (72)          |

## Standard Features:

- 08-4044-0010 200 gal (757 l) tank
- 08-4044-0010-A2 68 gal (257 l) wash tank, 136 gal (515 l) rinse tank
- Trailer mounted
- 10 gpm pump powered by 3.5 Hp engine
- Spray wand with 30 ft (9 m) hose
- Sturdy welded steel frame
- Finish: Durable Powder Coat Tronair Blue

08-4044-0010



## Specifications:

| Model Number          | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm) | Weight<br>lb (kg) |
|-----------------------|-------------------|------------------|-------------------|-------------------|
| 08-4044-0010 .....    | 90 (229) .....    | 46 (117) .....   | 45 (114) .....    | 748 (339)         |
| 08-4044-0010-A2 ..... | 90 (229) .....    | 46 (117) .....   | 45 (114) .....    | 748 (339)         |

Standard Features:

- 2 1/2 gal (9.5 l) fluid capacity
- Stainless steel tank
- 16 ft (5 m) #4 hose wih quick disconnect fittings
- Charged with 100 psi (6.9 bar) maximum shop air
- Certified pressure gauge indicated safe range
- 9 lb (4 kg) empty weight

Standard Features:

- Two 3-gallon pressure tanks
- Stainless steel fluid tanks with large fill ports
- Requires 125 psi (8.6 bar) shop air
- Pressure regulator with certified pressure gauge provided for flow control
- In-line check valve prevents fluid from flooding regulator
- Three-way direction pressure valve
- Pressure release valve for each tank
- Agitation tube for cleaning solution tank
- Wash and rinse output fluid is filtered
- Quick disconnects have check valves to keep vessel pressurized and fluid from leaking out of the hose
- 1/4 I.D. delivery hose, 14 ft long
- Delivery hose comes with a 1/2 ball valve shutoff
- Wheels and handle for mobility
- Handle can be removed
- Hose can be stored in the container

Additional Features:

- Model: 08-4014-4010**
- Aircraft connector assembly, no wand
- Model: 08-4040-4010**
- 22 in (56 cm) wand assembly with adjustable spray nozzle



08-4060-6700



08-4040-4010

Specifications:

| Model Number       | Length<br>in (cm) | Width<br>in (cm) | Height<br>in (cm)                                        | Weight<br>lb (kg) |
|--------------------|-------------------|------------------|----------------------------------------------------------|-------------------|
| 08-4060-6700 ..... | 28 (71) .....     | 10 (25) .....    | 44 (112) with handle.....<br>21.5 (54.6) with out handle | 48 (22)           |

## Phenom 100 & 300 Aircraft Tooling

Tronair manufactures aircraft tooling for many aircraft. The tooling is custom designed to meet the specific requirements of each task performed with precision and accuracy.



Main Door Dolly

Aircraft Leveling  
Plumb

Clamp Locking Set

NLG Actuator  
Removal/Installation DeviceControl Surface  
Deflection Protractor

Fuel Leakage Test Box

Backlash  
Measurement Set

| Description                                               | Part Number        | Aircraft        |
|-----------------------------------------------------------|--------------------|-----------------|
| Jacking Adaptor Set.....                                  | AGE-04510-401..... | Phenom 100      |
| Nose Landing Gear Wheel Changing Support.....             | 2310-T030-401..... | Phenom 100      |
| Static Port Protection Plug.....                          | AGE-05118-401..... | Phenom 100      |
| Cabin Adaptor-Pressurization Test Tool.....               | AGE-04713-401..... | Phenom 100, 300 |
| Air Data Computer Calibration Set.....                    | AGE-05102-403..... | Phenom 100      |
| Fuel Leakage Test Box.....                                | AGE-04701-401..... | Phenom 100, 300 |
| Fuel Tanks Leakage Adaptor.....                           | AGE-04540-401..... | Phenom 100, 300 |
| Hose Assembly Short.....                                  | AGE-04629-401..... | Phenom 100, 300 |
| Hose Assembly Long.....                                   | AGE-04629-403..... | Phenom 100, 300 |
| Brake Pressure/Bleed Hose Tool.....                       | AGE-03841-401..... | Phenom 100      |
| Landing Gear Pintle Pins Removal/Installation Device..... | 2310-T001-001..... | Phenom 100, 300 |
| NLG Actuator Removal/Installation Device.....             | 2310-T020-401..... | Phenom 100      |
| MLG Proximity Switch.....                                 | AGE-04720-401..... | Phenom 100      |
| Aircraft Leveling Plumb.....                              | AGE-04871-401..... | Phenom 100, 300 |
| Rigging Pin Set.....                                      | AGE-04714-401..... | Phenom 100      |
| Control Surface Deflection Protractor.....                | AGE-00387-401..... | Phenom 100      |
| Control Cables Tension Adjusting Clip.....                | AGE-04264-401..... | Phenom 100, 300 |
| Control Surface Support Balancing Tool.....               | AGE-04715-401..... | Phenom 100, 300 |
| Main Door Eccentrics Wrench Set.....                      | AGE-04550-401..... | Phenom 100, 300 |
| Main Door Dolly.....                                      | AGE-04520-401..... | Phenom 100, 300 |
| Aircraft Alignment Set.....                               | AGE-04691-401..... | Phenom 100      |
| Backlash Measurement Set.....                             | AGE-04718-401..... | Phenom 100, 300 |
| Clamp Locking Set.....                                    | AGE-04780-401..... | Phenom 100      |
| Engine Dolly.....                                         | AGE-04560-403..... | Phenom 100, 300 |
| CPU Adaptor.....                                          | K-4281.....        | Phenom 100, 300 |



Tronair, Inc. - 1740 Eber Road, Holland, Ohio 43528, USA

Email: sales@tronair.com • Fax: 419-867-0634

Phone: 419-866-6301 • Toll Free: 1-800-426-6301

**Europe, Middle East & Africa Sales Office**

Email: saleseurope@tronair.com

Phone: 44 (0)113 245 3300 • Fax: 44 (0)11 3322 0436

**Asia Sales Offices**

**China** - Email: tronairchina@tronair.com • Phone: 86-592-5560735 • Fax: 86-592-5563132

**Asia/Australia** - Email: tronairasia@tronair.com • Phone: 662 2121463 • Fax: 662 2121332

## Ordering Replacement Parts:

- Replacement parts do not appear in this catalog. A Tronair Operation and Maintenance Manual or Illustrated Parts List is included with all Tronair products.
- To order replacement parts, be prepared to provide the following information:
  - a) Model number as it appears on unit
  - b) Serial number as it appears on unit
  - c) Call Customer Service at 419-866-6301 or 1-800-426-6301

## Limited Warranty

Tronair products are warranted to be free of manufacturing or material defects for a period of one year after shipment to the original customer. This is solely limited to the repair or replacement of defective components. This warranty does not cover the following items:

- a) Parts required for normal maintenance
- b) Parts covered by a component manufacturers warranty
- c) Replacement parts have a 90-day warranty from date of shipment

If you have a problem that may require service, contact Tronair immediately. Do not attempt to repair or disassemble a product without first contacting Tronair, any action may affect warranty coverage. When you contact Tronair be prepared to provide the following information:

- a) Product Model Number
- b) Product Serial Number
- c) Description of the problem

If warranty coverage is approved, either replacement parts will be sent or the product will have to be returned to Tronair for repairs. If the product is to be returned, a Return Material Authorization (RMA) number will be issued for reference purposes on any shipping documents. Failure to obtain a RMA in advance of returning an item will result in a service fee. A decision on the extent of warranty coverage on returned products is reserved pending inspection at Tronair. Any shipments to Tronair must be shipped freight prepaid. Freight costs on shipments to customers will be paid by Tronair on any warranty claims only. Any unauthorized modification of the Tronair products or use of the Tronair products in violation of cautions and warnings in any manual (including updates) or safety bulletins published or delivered by Tronair will immediately void any warranty, express or implied.

The obligations of Tronair expressly stated herein are in lieu of all other warranties or conditions expressed or implied. **Any unauthorized modification of the Tronair products or use of the Tronair products in violations of cautions and warnings in any manual (including updates) or safety bulletins published or delivered by Tronair will immediately void any warranty, express or implied and Tronair disclaims any and all liability for injury (WITHOUT LIMITATION and including DEATH), loss or damage arising from or relating to such misuse.**

## Payment Terms

- 30-day credit terms to customers based on approval by Tronair.
- New customers may apply for credit by furnishing bank and trade references.
- Terms to customers that have not established credit with Tronair are credit card or cash in advance.
- MasterCard, Visa and American Express are accepted.

## Freight Terms

- All shipments are FOB factory.
- Same day shipments are subject to a service charge.
- Return shipments must be pre-approved by Tronair and freight prepaid.