

TRONAIR

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So Much Value*



NAVIRNET - SPAIN

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Catalog

Ground Support Equipment

NAVIRNET

NAVIRNET

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For detailed model information reference the items page(s)
* item not shown in catalog, contact Tronair for information

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
01-0558-0000 Head --R
01-1290-0100
01-0558-0000 Head --R
01-1954-6000
JP75

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY
10-4036-0010
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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

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-1063-17 ATR-42 Main -- R
Z-3072-20 ATR-72 Main -- R
Z-1063-08 Nose -- R
14-6802-6000 14-6807-6011
14-6404-6000 14-6808-6000
14-6805-6010 14-6878-0100
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
04-6150-5010

PROPELLER - 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 ATR 42 Only
08-4049-1012

Adam Aircraft

A500, A700

LIFTING & SHORING - ATA 7

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

TOWING & TAXIING - ATA 9

01-1954-6000
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
PC-1067 -- 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

112820C 11-6647-1000
11-6610-6000

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 PC-1067

FUSELAGE - ATA 53

04-6152-5011
K-2012 Gooseneck Boom Kit
K-2013 Pneumatic Pump Kit
K-2953 Hand Winch Kit

POWER PLANT - ATA 71

08-2021C0000
K-4030 -- R
08-2220-0000
K-4009 -- R
08-4048-1012

Aerospatiale

Nord 262

LIFTING & SHORING - ATA 7

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

TOWING & TAXIING - ATA 9

JP30
JP30L

TBM-700

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

Agusta

A109A, A109C, Mark II

LIFTING & SHORING - ATA 7

02-0511-0132 Main (2)
R-1187-01 -- R (2)
02-0511-0132 Nose
R-1187-02

TOWING & TAXIING - ATA 9

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

HYDRAULIC POWER - ATA 29

51100EX_C 51100FR_C
(recommended base models)

A109E

LIFTING & SHORING - ATA 7

02-0511-0132 Forward
R-1187-01 -- R (2)
02-0511-0132 Aft (2)
R-1187-02

TOWING & TAXIING - ATA 9

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

HYDRAULIC POWER - ATA 29

51100FR_C
(recommended base unit)

AW139

LIFTING & SHORING - ATA 7

02-0511-0132 Main (2)
02-0511-0132 Nose (2)
02-7861-9100

Agusta/Bell

AB139

See Agusta AW139

Alenia

G222, C-27J

TOWING & TAXIING - ATA 9

01-1231-0000

Airbus

A300, A310

TOWING & TAXIING - ATA 9

01-1225-0010
01-1321-0000
01-1322-0000 A300 only
01-0705-0002 Head -- R
01-0705-0003 Head -- R

PARKING & MOORING - ATA 10

99-9028-6036

SERVICING - ATA 12

LAVATORY
10-6401-0010
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 06-5022-6600
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

14-6878-0100 14-6883-0110

FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

STARTING - ATA 80

SA280_2 SA500_2

Airbus

(continued on the following page)

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R = required

Airbus (continued)

A318, A319, A320, A321

TOWING & TAXIING - ATA 9

01-1226-0010
01-1322-0000 A320 Only
01-0701-0000 Head -- R
01-1323-0000 A320 Only
01-0710-0000 Head -- R

PARKING & MOORING - ATA 10

99-9028-6036

SERVICING - ATA 12

LAVATORY

10-6401-0010
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
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 13-6601-3600

LANDING GEAR - ATA 32

14-6878-0100 14-6883-0110

FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

STARTING - ATA 80

SA280_2 SA500_2

A330/340-200/300

TOWING & TAXIING - ATA 9

01-1207-0010

HYDRAULIC POWER - ATA 29

58301BJ
(recommended base model)
13-6600-3600 13-6601-3600

A340-500/600

TOWING & TAXIING - ATA 9

01-1301-0000

HYDRAULIC POWER - ATA 29

58301BJ
(recommended base model)
13-6600-3600 13-6601-3600

A380

TOWING & TAXIING - ATA 9

01-1317-0000

HYDRAULIC POWER - ATA 29

59301 (60 Hz)
(recommended base model)
5L311 (50 Hz)
(recommended base model)
13-6606-6600

BAe (British Aerospace)

146, RJ70, RJ85

LIFTING & 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 & TAXIING - ATA 9

01-1161-0009
JP100S

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-6402-0010
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

54101AE
(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 14-6878-0100
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
04-6152-5011

POWER PLANT - ATA 71

08-4049-1012

ATP

LIFTING & SHORING - ATA 7

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

TOWING & TAXIING - ATA 9

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

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-6402-0010
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 & 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 & TAXIING - ATA 9

01-1124-0000

Jetstream 31

LIFTING & 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
03-5800-0010 Tailstand

TOWING & TAXIING - ATA 9

01-1201-0010
01-0526-0000 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

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

112820C 11-6610-6000

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-1063-09 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
04-6150-5010

POWER PLANT - ATA 71

08-0103-4000 08-4049-1012
08-2023-0010 K1057 -- R
K-2110 -- R

BAe

(continued on the following page)

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R = required

BAe (continued)

Jetstream 41

LIFTING & SHORING - ATA 7

02-0536-0110	Nose
02-1036-0111	Main (2)
02-7832-0110	Axle
03-5816-0000	Tailstand

TOWING & TAXIING - ATA 9

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

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY
10-6401-0010
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

112820C 11-6644-1010
11-6610-6000

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
04-6150-5010

PROPELLER - ATA 61

*08-0502-4000 *08-2024-0000

POWER PLANT - ATA 71

08-2023-0010 08-4049-1012
K-2110 -- R K1057 -- R

Beech

See

Hawker Beechcraft

Bell

204, 205, 212, UH-1, UH-1H

LIFTING & SHORING - ATA 7

02-0511-0132 Forward (2)
02-0511-0132 Aft (2)

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

112820C 11-6610-6000
11-6602-1000 11-6644-1010
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
04-6150-5010

POWER PLANT - ATA 71

08-4048-1012
K-1152 -- R

206B3, 206L4, 206LT

LIFTING & SHORING - ATA 7

Short Skid
02-0511-0132 Forward (2)
02-0517-0140 Aft

Long Skid
02-0522-0140 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

112820C 11-6610-6000
11-6602-1000 11-6644-1010
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

FUSELAGE - ATA 53

04-6028-0121
K-3057 Crane Hook -- R
Z-4082 Lift Tray -- R
04-6150-5010

POWER PLANT - ATA 71

08-0104-4000 08-4048-1012
08-2023-0010
K-2108 -- R

214, 214ST

LIFTING & SHORING - ATA 7

Skid
02-0511-0132 Main
02-0517-0140 Nose (2)

Landing Gear

02-0511-0132 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

112820C 11-6610-6000
11-6602-1000 11-6644-1010
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
04-6150-5010

POWER PLANT - ATA 71

08-4048-1012

222, 230, 430

LIFTING & SHORING - ATA 7

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

112820C 11-6610-6000
11-6602-1000 11-6644-1010
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
04-6150-5010

POWER PLANT - ATA 71

08-0104-4000
08-0105-4000
08-2023-0010
K-2108 Allison 250 -- R
K-2111 LTS101 -- R
08-4048-1012

Bell

(continued on the following page)

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Bracketed # = quantity
R = required

Bell (continued)

412

LIFTING & SHORING - ATA 7

02-0511-0132 Forward (2)
02-0511-0132 Aft

TOWING & TAXIING - ATA 9

01-1232-0000

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

112820C 11-6610-6000
11-6602-1000 11-6644-1010
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 04-6150-5010

POWER PLANT - ATA 71

08T4049-1012
K-1152 -- R

427

LIFTING & SHORING - ATA 7

02-0511-0132 Aft (2)
02-0517-0140 Main (2)
02-0517-0140 Nose
02-7856-0100 Main (2)
02-7856-0100 Nose

HYDRAULIC POWER - ATA 29

50101EB_C
(recommended base unit)

Boeing

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 14-6878-0100
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

08-4049-1012

STARTING - ATA 80

SA280_2 SA500_2

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
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 14-6878-0100
14-6805-6010 14-6883-0110
14-6806-6011 K-2965 -- R
14-6807-6011

FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

STARTING - ATA 80

SA280_2 SA500_2

727-100

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
01-0705-0001 Head --R
01-0705-0003 Head --R
01-0713-0000 Head --R
01-1323-0000
01-0712-0000 Head --R

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
06-5042-0800
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

HYDRAULIC POWER - ATA 29

56301BN
(recommended base model)

LANDING GEAR - ATA 32

14-6802-6000 14-6808-6000
14-6804-6000 14-6878-0100
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

08-4044-0010

STARTING - ATA 80

SA280_2 SA500_2

Boeing

(continued on the following page)

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R = required

Boeing (continued)

727-200

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
01-0705-0001 Head -- R
01-0705-0003 Head -- 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

10-6401-0010
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
KHC-2173 CSD Fill -- R

HYDRAULIC FLUID

06-4005-3611 06-5024-3610
06-4035-3600 06-5042-3600
06-5022-6600 06-5043-3600
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

57301BN
(recommended base model)

LANDING GEAR - ATA 32

14-6802-6000 14-6808-6000
14-6804-6000 14-6878-0100
14-6805-6010 14-6883-0110
14-6806-6011 K-2965 -- R
14-6807-6011

FUSELAGE - ATA 53

04-6001-1100 04-6029-5111

POWER PLANT - ATA 71

08-4044-0010

STARTING - ATA 80

SA280_2 SA500_2

737-100, -200, -300, -400, -500, -600, -700, -800, -900, BBJ, BBJ2

LIFTING & SHORING - ATA 7

02A2560-0111 Nose
02A7850-0100 Main (2)
02A7851-0111 Tail
K-1106-A2

100-500:

02A7803-0111 Main (2)

TOWING & TAXIING - ATA 9

01-1322-0000
01-0702-0000 Head -- R
01-0703-0000 Head -- R
01-1323-0000
01-0707-0000 Head -- R
01-0708-0000 Head -- R
01-0709-0000 Head -- R

100 & 200:

01-1165-0012

01-1319-0000

300 to 900:

01-1246-0010

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-6401-0010
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
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

FUEL - ATA 28

07-3000-1921 07-3001-4900

HYDRAULIC POWER - ATA 29

57301BC

(recommended base model)

LANDING GEAR - ATA 32

14-6802-6000 14-6807-6011
14-6804-6000 14-6808-6000
14-6805-6010 14-6878-0100
14-6806-6011 14-6883-0110

FUSELAGE - ATA 53

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

POWER PLANT - ATA 71

08-4044-0010
08-4049-1012
K-2248 -- R

STARTING - ATA 80

SA280_2 SA500_2

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
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

14-6878-0100
14-6883-0110
K-2965 -- R

FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

STARTING - ATA 80

SA280_2 SA500_2

757

LIFTING & SHORING - ATA 7

02A7802-0111 Nose
02A7850-0100 Main (2)
K-1106

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

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

14-6878-0100
14-6883-0110
K-2965 -- R

FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

STARTING - ATA 80

SA280_2 SA500_2

Boeing

(continued on the following page)

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R = required

Boeing (continued)

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
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

HYDRAULIC POWER - ATA 29
58301BJ
(recommended base model)

LANDING GEAR - ATA 32
14-6802-6000 14-6883-0110
14-6878-0100 K-2965 -- R

FUSELAGE - ATA 53
04-6001-1100 04-6030-5111

STARTING - ATA 80
SA280_2 SA500_2

777

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
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
14-6878-0100
14-6883-0110
K-2965 -- R

FUSELAGE - ATA 53
04-6001-1100 04-6030-5111

STARTING - ATA 80
SA280_2 SA500_2

Apache AH-64

TOWING & TAXIING - ATA 9
01-1185-0011

HYDRAULIC POWER - ATA 29
52200EA
(recommended base unit)

DC-8 Series 60
PARKING & MOORING - ATA 10
99-9028-6000

SERVICING - ATA 12
LAVATORY
10-6401-0010
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 14-6878-0100
14-6805-6010 14-6883-0110
14-6806-6011 K-2965 -- R
14-6808-6000

FUSELAGE - ATA 53
04-6001-1100 04-6030-5111

STARTING - ATA 80
SA280_2 SA500_2

DC-9 Series 10, 20, 30, 33

LIFTING & 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 & TAXIING - ATA 9
01-1166-0010
01-1267-0000
01-1322-0000
01-0606-0000 Head -- R

PARKING & MOORING - ATA 10
99-9028-6000

SERVICING - ATA 12
LAVATORY
10-6401-0010
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 14-6878-0100
14-6805-6010 14-6883-0110
14-6806-6011 K-2965 -- R
14-6808-6000

FUSELAGE - ATA 53
04-6001-1100 04-6030-5111

STARTING - ATA 80
SA280_2 SA500_2

Boeing

(continued on the following page)

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R = required

Boeing (continued)

DC-9 Series 40, 50

LIFTING & SHORING - ATA 7

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

TOWING & 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 & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-6401-0010
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 14-6878-0100
14-6805-6010 14-6883-0110
14-6806-6011 K-2965 -- R
14-6808-6000

FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

STARTING - ATA 80

SA280_2 SA500_2

MD-80

LIFTING & SHORING - ATA 7

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

TOWING & TAXIING - ATA 9

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

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-6401-0010
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 14-6878-0100
14-6806-6011 14-6883-0110
14-6807-6011

FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

STARTING - ATA 80

SA280_2 SA500_2

Boeing Vertol

Chinook 1007, 234, LT, CH-47D

HYDRAULIC POWER - ATA 29

54101CD
(recommended base model)

Bombardier (Canadair)

Challenger 300

LIFTING & SHORING - ATA 7

02-7856-0100 Nose
02-1036-0111 Main (2)
02-7863-0100 Axle
03-5822-0000 Stabilizing Stand

TOWING & 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 & MOORING - ATA 10

99-9015-6000

SERVICING - ATA 12

LAVATORY

10-4036-0010
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

06-4005-3611
KHC-3558 Reservoir -- R
Parker
KHC-3560 Reservoir -- R
Aeroquip
KHC-1012 Coupling Kit
(Post S/B 100-29-05 Mod)
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

11-6610-6000 11-6644-1010

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

54301CQ
54301CM (Aeroquip)
54301AI (Post S/B 100-29-05 Mod)
54301CQ (Parker Soft Seal)
(recommended base model)

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
04-6152-5011

POWER PLANT - ATA 71

08-4049-1012

Challenger 600, 601, 604, 605 (CL605)

LIFTING & SHORING - ATA 7

02-1032-0111 Nose
02-1036-0111 Main (2)
02-7813C0100 Axle
03-5800-0010 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
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

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)

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 04-6152-5011
04-6028-0121
K-3057 Crane Hook -- R
Z-4082 Lift Tray -- R

POWER PLANT - ATA 71

08-4048-1012
K-1710 -- R

Bombardier

(continued on the following page)

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* item not shown in catalog, contact Tronair for information

Bracketed # = quantity
R = required

Bombardier (Canadair) *(continued)*

CL-215, 215T, 415

LIFTING & SHORING - ATA 7

02-0517-0140 Nose
02-1040-0111 Main (2)
02-7813C0100 Axle

TOWING & TAXIING - ATA 9

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

HYDRAULIC POWER - ATA 29

52101AB
(recommended base model)

CRJ100, CRJ200, CRJ850

LIFTING & SHORING - ATA 7

02-0527-0140 Nose
02-1036-0111 Main (2)
02-7813C0100 Axle
03-5800-0010 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

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-6402-0010
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

HYDRAULIC FLUID

06-4005-3611 06-5022-6600
06-4035-3600 06-5042-3600
KHC-1012 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)

ELECTRICAL POWER - ATA 24

11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3001-4900

HYDRAULIC POWER - ATA 29

54301AI
(recommended base model)

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 04-6152-5011
04-6028-0121
Z-4082 Lift Tray -- R

POWER PLANT - ATA 71

08-4049-1012
K-1710 -- R

CRJ700, CRJ870, CRJ890, CRJ900

LIFTING & SHORING - ATA 7

02A7843-0112 Main (2)
02A7845-0111 Nose
02-7813C0100 Axle Nose
K-1106-A2 -- R
03-5828-0000 Stabilizing Stand

TOWING & TAXIING - ATA 9

01-1270-0010
01-1281-0010
01-1290-0100
01-0803-0000 Head -- R
JP100S

CRJ700 Only

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

CRJ700 Only

01-1328-0000

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-6402-0010
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

HYDRAULIC FLUID

06-4005-3611 06-5042-3600
06-4035-3600 06-5043-3600
06-5022-6600

NITROGEN

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

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 07-3006-6900

HYDRAULIC POWER - ATA 29

54301E1_C
(recommended base model)

LANDING GEAR - ATA 32

14-6802-6000 14-6807-6011
14-6804-6000 14-6808-6000
14-6405-6010 14-6878-0100
14-6806-6011 14-6883-0110

FUSELAGE - ATA 53

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

POWER PLANT - ATA 71

08-4049-1012

Bombardier (deHavilland)

Dash-6

Twin Otter UV-18A

LIFTING & SHORING - ATA 7

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

TOWING & TAXIING - ATA 9

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

Dash-7

LIFTING & SHORING - ATA 7

02-0522-0140 Nose
02-7802-0111 Main (2)
02-7813C0100 Axle
03-4012-0000 Stabilizing Stand

TOWING & TAXIING - ATA 9

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

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-4036-0010
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

11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

52301EL_BC
(recommended base model)

ICE & 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

FUSELAGE - ATA 53

04-6001-1100 04-6029-5111
04-6028-0121 04-6152-5011
K-3057 Crane Hook -- R
Z-4082 Lift Tray -- R

PROPELLER - ATA 61

*08-4017-0010

POWER PLANT - ATA 71

08-0120-4000
08-4048-1012
K-1037 -- R

Bombardier

(continued on the following page)

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Bracketed # = quantity
R = required

Bombardier (deHavilland) (continued)

Dash-8 100, 200, 300

LIFTING & SHORING - ATA 7

02-0522-0140 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

Model 301 with tail bumper
Aircraft 1 thru 23 - ONLY
03-5820-0000 Tailpost

TOWING & 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
JP75

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY
10-4036-0010
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

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

ELECTRICAL POWER - ATA 24

282000C 11-6644-1010
11-6610-6000

FUEL - ATA 28

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

HYDRAULIC POWER - ATA 29

5H311ZZ
(recommended base model)

ICE & RAIN PROTECTION - ATA 30

09-4003-4010 09-6200-0010

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

(continued on next column)

Dash-8 100, 200, 300

FUSELAGE - ATA 53

04-6028-0121
K-3057 Universal Lift -- R
Z-4082 Battery Lift -- R
04-6029-5111
04-6152-5011

PROPELLER - 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 08-4048-1012
08-0132-0000 K-2714 -- R

Dash-8 400

LIFTING & SHORING - ATA 7

02A7839-0111 Main (2)
R-1988 (2) -- R
02A7848-0110 Nose
R-1117 -- R
02-7854C0110 Axle
K-1106-A2 -- R
03-5829-0000 Tailstand

TOWING & TAXIING - ATA 9

01-1201-0010
01-0400-0000 Head -- R
01-1216-0000
01-0400-0000 Head -- R
01-1290-0100
JP75

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY
10-4036-0010
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

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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

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 04-6152-5011
K-3057 Universal Lift -- R

POWER PLANT - ATA 71

08-0136-0010 08-4048-1012)

Global Express

LIFTING & SHORING - ATA 7

02-1248-0112 Nose
02-7813C0100 Axle Nose
02-7835-0100 Axle Main
02-7844-0111 Main (2)
02-7854C0110 Axle
Main & Nose
03-5822-0000 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
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 06-5043-3600
KHC-1012 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

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 *14-6866-6010
14-6804-6000 14-6878-0100
14-6805-6010 14-6880-6000
14-6806-6011 14-6883-0110
14-6808-6000

FUSELAGE - ATA 53

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

Bombardier

(continued on the following page)

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R = required

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)

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

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

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 -- 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

FUSELAGE - ATA 53

04-6000-0910 04-6029-5111
04-6028-0121 04-6152-5011
K-3057 Universal Lift -- R

Learjet

23, 24, 31, 31A, 35, 55

POWER PLANT - ATA 71

08-0100-4000
08-0102-4010
08-2001-0000

K-2114 CJ610 -- R
08-2021-0000
K-1795 TFE731-2 &
TFE-731-2-3B

08-2030-0000
K-2770 TFE731-2 &
TFE-731-2-3B

08-4049-1012

LANDING GEAR - ATA 32

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

FUSELAGE - ATA 53

04-6000-0910 04-6029-5111
04-6028-0121 04-6152-5011
K-3057 Universal Lift -- R

POWER PLANT - ATA 71

08-0100-4000
08-0102-4010
08-2001-0000

K-2114 CJ610 -- R
08-2021-0000
K-1795 TFE731-2 &
TFE-731-2-3B

08-2030-0000
K-2770 TFE731-2 &
TFE-731-2-3B

08-4049-1012

Learjet 45

LIFTING & SHORING - ATA 7

02-0522-0140 Nose
02-1032-0111 Main
02-7834-0111 Axle
03-5809-0000 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
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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

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
Z-4082 Lift Tray -- R
04-6029-5111
04-6150-5010

POWER PLANT - ATA 71

08-0141-4000 08-2030-0000
08-2021-0000 K-2808 -- R
K-3215 -- R 08-4048-1012

Learjet 60

LIFTING & SHORING - ATA 7

02-0520-0110 Nose
02-1032-0111 Main (2)
02-7818-0110 Axle
03-5809-0000 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
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 Adapter Kit -- R

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

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
04-6152-5011

POWER PLANT - ATA 71

08-0121-4000 08-4049-1012
08-2018-0000

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Bracketed # = quantity
R = required

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

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
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

11-2820C 11-6644-1010
11-6610-6000

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
04-6150-5010

POWER PLANT - ATA 71

08-0103-4000 08-4048-1012
08-2023-0010
K-2111 -- R

CN-235

LIFTING & SHORING - ATA 7

02-0517-0140 Nose
02-1036-0111 Main (2)
02-7813C0100 Axle
03-5806-0000 Stabilizing Stand

TOWING & TAXIING - ATA 9

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

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY
10-4036-0010
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

11-2820C 11-6644-1010
11-6610-6000

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
04-6150-5010

POWER PLANT - ATA 71

08-0106-4000 08-4048-1012
*08-0108-4000
08-0134-4000
*K-2909

C-295

TOWING & TAXIING - ATA 9

01-1280-0000
JP75

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY
10-4036-0010
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

11-2820C 11-6644-1010
11-6610-6000

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 14-6883-0110
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
04-6150-5010

POWER PLANT - ATA 71

08-0106-4000 08-4048-1012
*08-0108-4000
08-0134-4000
K-2909

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R = required

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

**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

HYDRAULIC POWER - ATA 29

50101AR
(recommended base model)

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

HYDRAULIC POWER - ATA 29

50101AR
(recommended base model)

**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

**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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3001-4900

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 14-6807-6011
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
04-6150-5010

POWER PLANT - ATA 71

08-0100-4000 08-4048-1012
08-2001-0000 K-1243 -- R
K-2115 -- R

**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)
03-4007-0000 Stabilizing Stand

Bravo, Citation II 550,

Citation V ONLY

02-7836-0110 Axle

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

99-9028-6000

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

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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3007-6900

HYDRAULIC POWER - ATA 29

50301AH 51301AH
(recommended base models)

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 14-6806-6011
14-6804-6000 14-6807-6011
14-6805-6010 14-6808-6000

FUSELAGE - ATA 53

04-6028-0121
K-3057 Crane Hook -- R
Z-4082 Lift Tray -- R
04-6029-5111
04-6152-5011

POWER PLANT - ATA 71

08-0114-4010
K-2478 5D engine -- R
08-0130-4000
08-2021-0000
K-1796 JT15D -- R
08-2030-0000
K-2776 JT15D -- R
K-2685 PW530-A Bravo -- R
08-4048-1012

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 Adapter
03-5801-0010 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
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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

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 14-6807-6011
14-6804-6000 14-6808-6000
14-6805-6010 14-6830-6012
14-6806-6011

FUSELAGE - ATA 53

04-6001-1100 04-6029-5111
04-6028-0121 04-6152-5011
K-3057 Crane Hook -- R
Z-4082 Lift Tray -- R

POWER PLANT - ATA 71

08-0102-4010
08-0141-4000
08-2021-0000
K-1795 TFE 731-1-5 -- R
08-2030-0000
K-2770 TFE 731-1-5 -- R
K-2808 TFE 731-20 -- R
08-4049-1012

Cessna

(continued on the following page)

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Bracketed # = quantity
R = required

Cessna (continued)

Citation X, 750

LIFTING & SHORING - ATA 7

02-1040-0111 Main (2)
 R-1807 -- R
 02-7827-0110 Nose
 R-1808 -- R
 02-7833-0110 Axle
 03-5817-0000 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
 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
 KHC-4007 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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
 11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

54301EE_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-1064-11 Nose -- R
 14-6802-6000 14-6808-6000
 14-6804-6000 *14-6899-6000
 14-6807-6011

FUSELAGE - ATA 53

04-6028-0121
 K-3057 Crane Hook -- R
 Z-4082 Lift Tray -- R
 04-6029-5111
 04-6152-5011

POWER PLANT - ATA 71

08-0129-4000 08-4049-1012
 K-2885 -- R K-3202 -- R
 08-2029-0000

**Citation CJ1, CJ2
(Series 525)**

LIFTING & SHORING - ATA 7

02-0520-0110 Nose
 02-0526-0110 Main (2)
 03A5815C0010 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

99-9008-6000 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 18-4208-0010
 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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
 11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

5F201BQ
 (recommended base model)

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 14-6830-6012
 14-6806-6011

FUSELAGE - ATA 53

04-6028-0121
 K-3057 Crane Hook -- R
 Z-4082 Lift Tray -- R
 04-6029-5111
 04-6152-5011

POWER PLANT - ATA 71

08-0119-8000 08-2222-0000
 08-2021-0000 08-4048-1012
 K-2032 -- R

**Citation 560XL,
560XLS**

LIFTING & SHORING - ATA 7

02-7815-0110 Main (2)
 R-1798 -- R (2)
 02-7836-0110 Axle Main/Nose
 02-7856-0100 Nose
 R-2008 -- R
 03-5826-0000 Stabilizing Stand

TOWING & 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 & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-4036-0010
 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

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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
 11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

51301AH
 (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 14-6806-6011
 14-6804-6000 14-6807-6011
 14-6805-6010 14-6808-6000

FUSELAGE - ATA 53

04-6028-0121
 K-3057 Crane Hook -- R
 Z-4082 Lift Tray -- R
 04-6029-5111
 04-6152-5011

POWER PLANT - ATA 71

08-2030-0000 08-4048-1012
 K-2769 -- R

Citation

Sovereign 680

LIFTING & SHORING - ATA 7

02-7815-0110 Main (2)
 R-1807 -- R
 02-7827-0110 Nose
 R-1808 -- R
 02-7862-0100 Axle
 03A5831-0000 Tailstand

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
 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
 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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
 11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

54401CJ KHC-3766 -- R
 (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 14-6808-6000
 14-6804-6000 14-6830-6012
 14-6806-6011 *14-6899-6000
 14-6807-6011

FUSELAGE - ATA 53

04-6028-0121
 K-3057 Crane Hook -- R
 Z-4082 Lift Tray -- R
 04-6029-5111
 04-6152-5011

POWER PLANT - ATA 71

08-0143-4000 08-4049-1012
 08-2034-0010
 K-3842 -- R

Cessna

(continued on the following page)

The following quick reference section should be used as a guide only.
The most current application data can be found at tronair.com

For detailed model information reference the items page(s)

* item not shown in catalog, contact Tronair for information

Bracketed # = quantity

R = required

Cessna (continued)

Citation Ultra 560, Encore 560

LIFTING & SHORING - ATA 7

02-0520-0110 Nose
02-0526-0110 Main (2)
02-7836-0110 Axle
03-4007-0000 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

99-9028-6000

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

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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

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 14-6807-6011
14-6805-6010 14-6808-6000
14-6806-6011

FUSELAGE - ATA 53

04-6029-5111 04-6152-5011

POWER PLANT - ATA 71

08-0114-4010
K-2478 Ultra JT15D-5D -- R
08-0140-4000
08-2021-0000
K-1796 Ultra Encore -- R
JT15D-5D
08-2030-0000
K-2776 Ultra JT15D-5D -- R
K-3068 Ultra Encore -- R
PW535
08-4048-1012

Mustang 510

LIFTING & SHORING - ATA 7

02-0517-0140 Nose
R-2008 -- R
02-00517-0140 Main (2)
R-1798 -- R
03A5815C0000 Stabilizing Stand

TOWING & TAXIING - ATA 9

01-1101-0000
01-1112-0010
01-1202-0000
01-0542-0010 Head -- R
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

18-4303-0000 18-4200-1100
12-3107-0000 18-4208-0010

PC-1067 -- 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

ELECTRICAL POWER - ATA 24

112820C 11-6647-1000

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 14-6807-6011
14-6804-6000 14-6808-6000
14-6805-6010 14-6877-6011
14-6806-6011 PC-1067

FUSELAGE - ATA 53

04-6152-5011

POWER PLANT - ATA 71

08-0145-4000
08-2021-0000
K-3994 PW 615F-A -- R
08-4048-1012

Dassault/Falcon

7X

LIFTING & SHORING - ATA 7

02A7874C0100 Nose
02A7874C0100 Main (2)

TOWING & TAXIING - ATA 9

01-1201-0010
01-0602-0000
01-1215-0000
01-1954-6000
JP75
K-4123 Adapter -- R

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-4036-0010
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)
TBD Adapter Kit -- R

ELECTRICAL POWER - ATA 24

112820C 11-6647-1000
11-6610-6000 11-6647-1010
11-6644C1010

FUEL - ATA 28

07-3000-1921

HYDRAULIC POWER - ATA 29

5Q11_KE Triple System
Excluding RAT Test
5P10_KE Triple System
Including RAT Test
(recommended base models)

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
14-6804-6000 14-6808-6000
14-6805-6010 14-6883-0110
14-6806-6011

FUSELAGE - ATA 53

04-6028-0121
K-3057 -- R
04-6030-5111
04-6152-5011

POWER PLANT - ATA 71

08-4049-1012

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
01-1300-0000
01-1954-6000
JP30

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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

51101EB_C
(recommended base model)

ICE & RAIN PROTECTION - ATA 30

09-6200-0010

LANDING GEAR - ATA 32

14-6801-0120
Adapter 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
04-6152-5011

POWER PLANT - ATA 71

08-0102-4010 08-2030-0000
08-2021-0000 K-2770 -- R
K-1795 -- R 08-4049-1012

Dassault/Falcon

(continued on the following page)

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Bracketed # = quantity
R = required

Dassault/Falcon (continued)

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
01-0505-0000 Head -- R
01-0549-0000 Head -- R
01-1300-0000
01-1954-6000
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
18-4200-1100

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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

52101EB_C
(recommended base model)

ICE & RAIN PROTECTION - ATA 30

09-6200-0010

LANDING GEAR - ATA 32

14-6801-0120
Adapter 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
04-6152-5011

POWER PLANT - ATA 71

08-0100-4000 08-4049-1012
08-2001-0000
K-2113 -- R

50, 50EX

LIFTING & SHORING - ATA 7

02-1036-0111 Nose
02-1040-0111 Main (2)
02-7813C0100 Axle
03-5800-0010 Tailstand

TOWING & TAXIING - ATA 9

01-1201-0010
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
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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

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
Adapter 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
04-6152-5011

POWER PLANT - ATA 71

08-0102-4010
08-0142-4000
08-2021-0000
K-1795 Falcon 50 -- R
TFE731-3
K-3215 Falcon 50EX -- R
TFE731-40
08-2030-0000
K-2770 Falcon 50 -- R
TFE731-3
*K-2108 Falcon 50EX -- R
TFE731-40
08-4049-1012

900, 900EX

LIFTING & SHORING - ATA 7

02-1240-0111 Nose
(Nose may use 02-1040-0111)
02-1240-0111 Main (2)
02-7813C0100 Axle
03-5822-0000 Stabilizing Stand

TOWING & TAXIING - ATA 9

01-1201-0010
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
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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

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
04-6152-5011

POWER PLANT - ATA 71

08-0102-4010 Falcon 900B
08-2001-0000 Falcon 900B
K-2112 TFE731-5BR -- R
08-2021-0000 Falcon 900EX
K-3861 TFE731-60 -- R
08-2034-0000 Falcon 900B
K-2770 TFE731-5BR -- R
08-4049-1012

2000, 2000EX

LIFTING & SHORING - ATA 7

02-1240-0111 Nose
(Nose may use 02-1040-0111)
02-1240-0111 Main (2)
02-7813C0100 Axle
03-5822-0000 Stabilizing Stand

TOWING & TAXIING - ATA 9

01-1201-0010
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
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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

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

HYDRAULIC POWER - ATA 29

5J101EB_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
04-6152-5011

POWER PLANT - ATA 71

08-4049-1012

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* item not shown in catalog, contact Tronair for information

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
Adapter 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

11-6602-1000 92-0552-9000
11-6610-6000 92-0552-9001

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 PC-1067
14-6806-6011

FUSELAGE - ATA 53

04-6028-0121
K-3057 Crane Hook -- R
04-6150-5010

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
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
PC-1067 -- 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

112820C 11-6647-1000
11-6610-6000

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 PC-1067

FUSELAGE - ATA 53

04-6152-5011
K-2012 Gooseneck Boom Kit
K-2013 Pneumatic Pump Kit
K-2953 Hand Winch Kit

POWER PLANT - ATA 71

08-4048-1012

Embraer

Phenom 100

TOWING & TAXIING - ATA 9

01-1202-0000
01-0601-0000 Head -- R
01-1324-0000
01-2002-0000

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
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

112820C 11-6644-1010
11-6610-6000

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
04-6150-5010

POWER PLANT - ATA 71

08-0100-4000 08T4049-1012
08-2001-0000 K-1152 -- R
K-2115 -- R

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
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

112820C 11-6644-1010
11-6610-6000

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
04-6150-5010

POWER PLANT - ATA 71

08-0112-4000 08-4049-1012
08-2014-0000

Embraer

(continued on the following page)

The following quick reference section should be used as a guide only.
The most current application data can be found at tronair.com

For detailed model information reference the items page(s)

* item not shown in catalog, contact Tronair for information

Bracketed # = quantity

R = required

Embraer (continued)

ERJ-135, ERJ-140, ERJ-145, Legacy

LIFTING & SHORING - ATA 7

02-1248-0112 Main (2)
02-7813C0100 Axle
02-7837-0110 Nose

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

PARKING & MOORING - ATA 10

99-9029-6000

SERVICING - ATA 12

LAVATORY
10-4036-0010
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)

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

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

04-6028-0121
K-3057 Crane Hook -- R
K-3712 Battery Platform -- R
04-6029-5111
04-6152-5011

POWER PLANT - ATA 71

08-0129-4000 08-4049-1012
08-2029-0000

ERJ-170, ERJ-175, ERJ-190, ERJ-195

LIFTING & SHORING - ATA 7

02-7861-0100 Axle Nose
02A7868C0100 Main (2)
02A7867C0100 Axle Main
02A7869C0100 Tail

ERJ-170, ERJ-175 ONLY

Alternate Jacks
02A2560-0111 Main (2)
02-7854C0110 Axle
02A7859-0100 Tail

TOWING & TAXIING - ATA 9

01-1297-0100
01A1302-0000
ERJ-170, ERJ-175 ONLY
JP100S

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY
10-6402-0010
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 06-5022-6600
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

11-6610-6000 11-6644-1010

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-3012-21 Main -- R
Z-1063-13 Nose -- R

ERJ190/195

14-6878-0100
Call Tronair Main -- R
Z-1064-13 Nose -- R

FUSELAGE - ATA 53

04-6028-0121
K-3057 Crane Hook -- R
Z-4082 Lift Tray -- R
04-6029-5111
04-6152-5011

Eurocopter

A-Star AS 350 (long skid)

LIFTING & SHORING - ATA 7

02-0222-0111 Forward (2)
02-0234-0111 Aft

A-Star AS 350(short skid)

Twin Star AS 355

LIFTING & SHORING - ATA 7

02-0511-0132 Forward (2)
02-0222-0111 Aft

BO-105, BK-117

LIFTING & SHORING - ATA 7

02-0511-0132 Forward (2)
02-0511-0132 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

NITROGEN

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

ELECTRICAL POWER - ATA 24

112820C 11-6610-6000
11-6602-1000 11-6644-1010
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

LANDING GEAR - ATA 32

14-6802-6000 14-6806-6011
14-6804-6000 14-6807-6011
14-6805-6010 14-6808-6000

FUSELAGE - ATA 53

04-6028-0121
Z-4082 Lift Tray -- R
04-6029-5111
04-6150-5010

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
08-4048-1012

Dauphin AS 365N

LIFTING & SHORING - ATA 7

02-0526-0110 Forward (2)
02-0517-0140 Aft

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

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

(pgs. 59-63)
112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

52101EN
(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
04-6150-5010

POWER PLANT - ATA 71

08-4048-1012

Dolphin HH-65A

LIFTING & SHORING - ATA 7

02-0526-0110 Aft (2)
02-0527-0140 Forward (1)

TOWING & TAXIING - ATA 9

01-1201-0000
01-0580-0000 Head -- R
01-1210-0010

HYDRAULIC POWER - ATA 29

51201FF_D
(recommended base unit)

Eurocopter

(continued on the following page)

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Bracketed # = quantity
R = required

Eurocopter (continued)

Puma AS 330

LIFTING & SHORING - ATA 7

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

TOWING & TAXIING - ATA 9

01-1202-0000
01-0577-0010 Head -- R
01-1215-0000
01-0577-0010 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

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

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 04-6150-5010

POWER PLANT - ATA 71

08-4048-1012

Fairchild/Dornier

Dornier 228-100/200

LIFTING & SHORING - ATA 7

02-0234-0111 Nose
02-0522-0140 Main (2)
TR-1310 (2) -- R
02-0544-0110 Aft (1)
02-7853-0100 Axle

TOWING & TAXIING - ATA 9

01-1155-0000
01-1201-0010
01-0534-0000 Head -- R
01-1954-6000
JP75

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
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

11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900
07-3004-6900

HYDRAULIC POWER - ATA 29

51301CN
(recommended base model)

ICE & RAIN PROTECTION - ATA 30

09-6200-0010

LANDING GEAR - ATA 32

14-6801-0120
Z-1063-10 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

04-6001-1100 04-6029-5111
04-6028-0121 04-6150-5010
K-3057 Crane Hook -- R
Z-4082 Lift Tray -- R

PROPELLER - ATA 61

08-0503-4000 08-2028-0000

POWER PLANT - ATA 71

08-0113-4000 08-2014-0000
08-0126-4000 08-4049-1012
08-0135-4000

Envoy 3

LIFTING & SHORING - ATA 7

02-1256-0111 Main (2)
02-7813C0100 Axle
02-7828-0110 Nose (1)
03-5814-0000 Wing Stand (2)

TOWING & TAXIING - ATA 9

01-1201-0010
01-0576-0000 Head -- R
01-1954-6000
JP30
JP30L

HYDRAULIC POWER - ATA 29

51101CN
(recommended base model)

Metro Merlin II

LIFTING & SHORING - ATA 7

02-0536-0110 Main (2)
02-0536-0110 Nose (1)

TOWING & TAXIING - ATA 9

JP30
JP30L

Metro Merlin III, IV

LIFTING & SHORING - ATA 7

02-0544-0110 Main (2)
02-0544-0110 Nose

TOWING & TAXIING - ATA 9

01-1202-0000
01-0507-0000 Head -- R
01-1263-0000
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

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

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

51201AC
(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 14-6883-0110
14-6806-6011

FUSELAGE - ATA 53

04-6028-0121
K-3057 Crane Hook -- R
Z-4082 Lift Tray -- R
04-6029-5111
04-6150-5010

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
08-4048-1012
K-1057 TPE 331 -- R
K-1152 PT6A -- R

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For detailed model information reference the items page(s)
* item not shown in catalog, contact Tronair for information

Bracketed # = quantity
R = required

Fokker

F-27

LIFTING & SHORING - ATA 7

02-7802-0111 Main (2)
02-7823-0110 Nose (1)
02-7830-0110 Axle

TOWING & TAXIING - ATA 9

01-1201-0010
01-0514-0000 Head -- R
01-1954-6000
JP75

F-28

LIFTING & SHORING - ATA 7

02-1248-0112 Tail (1)
02-2560-0111 Main (2)
02-7830-0110 Axle

TOWING & TAXIING - ATA 9

01-1176-0010
JP5

HYDRAULIC POWER - ATA 29

56301AE
(recommended base model)

F-50

LIFTING & SHORING - ATA 7

02-0517-0140 Nose
02-7802-0111 Main (2)
02-7813C0100 Axle Nose
02-7830-0110 Axle Main

TOWING & 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 & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-6402-0010
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

11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

56101BK
(recommended base model)

ICE & 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
04-6150-5010

F-70

LIFTING & SHORING - ATA 7

02-2560-0111 Main (2)
02-7810-0111 Nose (1)
02-7813C0100 Axle Nose
02-7830-0110 Axle Main

TOWING & TAXIING - ATA 9

01-1212-0000
01-1236-0000
JP100S

HYDRAULIC POWER - ATA 29

56301FC
(recommended base unit)

F-100

LIFTING & SHORING - ATA 7

02-2560-0111 Main (2)
02-7810-0111 Nose
02-7813C0100 Axle Nose
02-7830-0110 Axle Main

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
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 14-6878-0100
14-6806-6011 14-6883-0010
14-6807-6011

FUSELAGE - ATA 53

04-6001-1100 04-6029-5111

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
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

112820C 11-6610-6000

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 14-6878-0100
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
04-6152-5011

POWER PLANT - ATA 71

08-4049-1012

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Bracketed # = quantity
R = required

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

HYDRAULIC POWER - ATA 29

50101AR
(recommended base model)

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

HYDRAULIC POWER - ATA 29

50100AR
(recommended base model)

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
01-1954-6000
JP75

HYDRAULIC POWER - ATA 29

51301AD
(recommended base model)

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
01-1253-0000
01-1261-0011
01-1954-6000
JP75

G350 Only

01-1274-0030
01-1270-0010
01-0802-0010 Head -- R
01-1290-0100
01-0802-0010 Head -- R
JP75

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-4036-0010
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 06-5043-1800

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

11-6610-6000

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-3072-20 Main Goodyear -- R
Z-3072-22 Main Dunlop -- R
*K-3729 Dunlap Tool -- Optional
Z-1064-13 Nose -- R
14-6802-6000 14-6808-6000
14-6804-6000 14-6830-6012
14-6805-6010 14-6878-0100
14-6806-6011 14-6883-0110
14-6807-6011 K-2965

FUSELAGE - ATA 53

04-6005-1100
04-6028-0121
K-3057 Crane Hook -- R
Z-4082 Lift Tray -- R
04-6029-5111
04-6152-5011

POWER PLANT - ATA 71

08-4049-1012

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

G450 Only

01-1274-0030
01-1270-0010
01-0802-0010 Head -- R
01-1290-0100
01-0802-0010 Head -- R
JP75

GV, GVSP, G500, G550 Only

01-1274-0030
01-1270-0010
01-0802-0010 Head -- R
01-1290-0100
01-0802-0010 Head -- R
JP100S

GV, GVSP Only

01-1261-0011

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-4036-0010
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

06-4005-3611 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

112820C 11-6610-6000

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 14-6808-6000
14-6804-6000 14-6830-6012
14-6805-6010 14-6878-0100
14-6806-6011 14-6883-0110
14-6807-6011 K-2965 -- R

FUSELAGE - ATA 53

04-6001-1100 04-6029-5111
04-6005-1100 04-6030-5111
04-6028-0121 04-6152-5011
K-3057 Crane Hook -- R
Z-4082 Lift Tray -- R

G100, G150

LIFTING & SHORING - ATA 7

02-0536-0110 Main (2)
02-0536-0110 Nose
02-7813C0100 Axle
03-5809-0000 Stabilizing Stand

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
JP75

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-4036-0010
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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3001-4900

HYDRAULIC POWER - ATA 29

54301BH
(recommended base model)

ICE & RAIN PROTECTION - ATA 30

09-6200-0010

LANDING GEAR - ATA 32

14-6801-0120
Z-1063-14 Main -- R
Z-1063-11 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
Z-4082 Lift Tray -- R
04-6029-5111
04-6150-5010

POWER PLANT - ATA 71

08-0102-4010 TFE731-3
08-2001-0000
K-2112 TFE731-3 Astra/Astr SP
08-2021-0000
K-3215 TFE731-40 Astra SPX
08-2034-0000
K-2770 TFE731-3 Astra/Astr SP
08-4049-1012

Gulfstream

(continued on the following page)

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R = required

Gulfstream (continued)

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	
JP75	

PARKING & MOORING - ATA 10

99-9015-6000	
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SERVICING - ATA 12

LAVATORY

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

POTABLE WATER

19-4305-0000	19-4306-0000
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ENGINE OIL

06-5009-6800	
06-5010-6800	
06-5022-6800	
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)
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ELECTRICAL POWER - ATA 24

112820C	11-6644-1010
11-6610-6000	

FUEL - ATA 28

07-3000-1921	07-3006-6900
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HYDRAULIC POWER - ATA 29

54301BH	
(recommended base model)	

ICE & RAIN PROTECTION - ATA 30

09-6200-0010	
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LANDING GEAR - ATA 32

14-6801-0120	
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	K-2965
14-6807-6011	

FUSELAGE - ATA 53

04-6028-0121	
K-3057	Crane Hook -- R
Z-4082	Lift Tray -- R
04-6029-5111	
04-6030-5111	
04-6150-5010	

POWER PLANT - ATA 71

08-0138-4000	08-4049-1012
08-2034-0010	
K-3152	-- R

Hawker Beechcraft

Beech

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	

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	
01-1202-0000	
01-0506-0000	Head -- R
01-1954-6000	
JP30	
JP30L	

PARKING & MOORING - ATA 10

99-9028-6000	
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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	

ELECTRICAL POWER - ATA 24

112820C	11-6644-1010
11-6610-6000	

FUEL - ATA 28

07-3000-1921	07-3001-4900
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ICE & RAIN PROTECTION - ATA 30

09-4003-4010	
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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	
04-6150-5010	

POWER PLANT - ATA 71

08-0102-4010	08T4049-1012
08-2001-0000	K-1152 -- R
K-2116 -- R	

Beechjet, Diamond

LIFTING & SHORING - ATA 7

02-0522-0140	Nose
(Serial # RK-144 and after)	
02-7856-0100	Main (2)
02-7856-0100	Nose
HJ-557 -- R (3)	
(before Serial # RK-144)	
03-4033-0000	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	
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SERVICING - ATA 12

LAVATORY

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

POTABLE WATER

19-4305-0000	19-4306-0000
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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	

ELECTRICAL POWER - ATA 24

112820C	11-6644-1010
11-6610-6000	

FUEL - ATA 28

07-3000-1921	07-3006-6900
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HYDRAULIC POWER - ATA 29

50101AA	
(recommended base model)	

ICE & RAIN PROTECTION - ATA 30

09-6200-0010	
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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	14-6883-0110
14-6806-6011	

FUSELAGE - ATA 53

04-6028-0121	
K-3057	Crane Hook -- R
Z-4082	Lift Tray -- R
04-6029-5111	
04-6150-5010	

POWER PLANT - ATA 71

08-0114-4010	08-2030-0000
08-2021-0000	K-2776 -- R
K-1796 -- R	08-4048-1012

C-12, 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	

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	

Hawker 4000

LIFTING & SHORING - ATA 7

02-1032-0111	Tail
02-1032-0111	Main (2)
02-7813C0100	Axle

TOWING & TAXIING - ATA 9

01-1202-0000	
01-0571-0011	Head -- R
01-1229-0010	
JP75	

HYDRAULIC POWER - ATA 29

54101EB_C	
(recommended base model)	

Hawker Beechcraft

(continued on the following page)

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R = required

Hawker Beechcraft (continued)

HS-125

Series 400-800, Hawker 1000

LIFTING & SHORING - ATA 7

02-0544-0110 Tail
02-1032-0111 Main (2)
02-7813C0100 Axle
03-5830-0000 Pylon Support

TOWING & TAXIING - ATA 9

01-1202-0000
01-0502-0000 Head -- R
01-0574-0010 Hawker 1000
w/shear

01-1954-6000

HS-125 400-800

JP30

HAWKER 1000

JP75

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-4036-0010
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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3001-4900

HYDRAULIC POWER - ATA 29

51101AB
(recommended base model)

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
14-6805-6010 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
04-6152-5011

POWER PLANT - ATA 71

08-0102-4010 08-2030-0000
08-0121-4000 K-2770 -- R
08-2018-0000 08-4049-1012
08-2021-0000
K-1795 -- R

JPATS T-6A Texan II

LIFTING & SHORING - ATA 7

02-7838-0110 Main (2)
02-7838-0110 Tail
02-7852-0100 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

112820C 11-6644-1010
11-6610-6000

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 04-6150-5010
04-6029-5111

POWER PLANT - ATA 71

*08-4054-0010 08-4053-1010

King Air

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

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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

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
04-6150-5010

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
08T4049-1012
K-1152 -- R

Premier

LIFTING & SHORING - ATA 7

02-7813C0100 Axle Main
02-7856-0100 Main (2)
02-7856-0100 Nose
K-3692 -- R
03-5800-0010 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
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

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921

HYDRAULIC POWER - ATA 29

51101AA
(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 04-6150-5010
04-6029-5111

POWER PLANT - ATA 71

08-0119-8000 08-2220-0000
08-2021-0000 08-4049-1012
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

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Bracketed # = quantity

R = required

IAI

Westwind 1 & 2

LIFTING & SHORING - ATA 7

02-0544-0110 Main (2)
02-7813C0100 Axle
03-4015-0000 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
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

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

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
04-6150-5010

POWER PLANT - ATA 71

08-0102-4010 08-2034-0000
08-2021-0000 K-2770 -- R
K-1795 -- R 08-4049-1012

Lockheed

C-130

TOWING & TAXIING - ATA 9

01-1224-0010

HYDRAULIC POWER - ATA 29

56201CH
(recommended base model)

L-1011

TOWING & TAXIING - ATA 9

01-1207-0010

HYDRAULIC POWER - ATA 29

58301FJ
(recommended base model)

Jetstar

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

112820C 11-6610-6000

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
04-6150-5010

POWER PLANT - ATA 71

08-0102-4010 08-2034-0000
08-2021-0000 K-2770 -- R
K-1795 -- R 08-4049-1012

Joint Strike Fighter

TOWING & TAXIING - ATA 9

01-1314-0000

McDonnell Douglas

DC-8 Series 60,

DC-10, MD-11

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY
10-6401-0010
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 14-6878-0100
14-6805-6010 14-6883-0110
14-6806-6011 K-2965
14-6808-6000

FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

STARTING - ATA 80

SA280_2 SA500_2

DC-9 Series 10, 20, 30, 33

LIFTING & 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 & TAXIING - ATA 9

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

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY
10-6401-0010
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 14-6878-0100
14-6805-6010 14-6883-0110
14-6806-6011 K-2965 -- R
14-6808-6000

FUSELAGE - ATA 53

04-6001-1100 04-6030-5111

STARTING - ATA 80

SA280_2 SA500_2

McDonnell Douglas

(continued on the following page)

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R = required

McDonnell Douglas

(continued)

DC-9 Series 40, 50 MD-80

LIFTING & SHORING - ATA 7

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

TOWING & TAXIING - ATA 9

01-1322-0000
01-0606-0000 Head -- R

DC-9/50 & MD-80

01-1166-0010
01-1267-0000

PARKING & MOORING - ATA 10

99-9028-6000

SERVICING - ATA 12

LAVATORY

10-6401-0010
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 14-6878-0100
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

STARTING - ATA 80

SA280_2 SA500_2

Mitsubishi

MU-2 Marquise, MU-2 Solitaire

LIFTING & SHORING - ATA 7

02-0222-0111 Nose (1)
02-0566-0110 Main (2)

TOWING & TAXIING - ATA 9

01-1202-0000
01-0508-0000 Head -- R
01-1954-6000
JP30
JP30L

Mooney

All

LIFTING & SHORING - ATA 7

02-0222-0111 Main (2)

TOWING & TAXIING - ATA 9

01-1112-0010
JP30
JP30L

Nihon

YS-11

LIFTING & SHORING - ATA 7

02-1256-0111 Main (2)
02-1256-0111 Nose (1)

TOWING & TAXIING - ATA 9

01-1201-0010
01-0548-0000 Head -- R
01-1954-6000
JP75

HYDRAULIC POWER - ATA 29

52101AA
(recommended base model)

Nomad

Nomad

LIFTING & SHORING - ATA 7

02-0522-0140 Main (2)
02-0522-0140 Nose (1)

TOWING & TAXIING - ATA 9

01-1201-0010
01-0529-0000 Head -- R
01-1954-6000

Northrop

T-38

TOWING & TAXIING - ATA 9

01-1202-0000
01-0539-0000 Head -- R
01-1954-6000
JP30
JP30L

Piaggio

P-180 Avanti

LIFTING & SHORING - ATA 7

02-0517-0140 Nose (1)
02-7812-0110 Main (2)
03-5813-0000 Tailstand

TOWING & TAXIING - ATA 9

01-1202-0000
01-0570-0010 Head -- R
01-1222-0000
01-1954-6000
JP30
JP30L

Pilatus

PC-6

TOWING & TAXIING - ATA 9

01-1295-0000
K-3583 -- R
JP30
JP30L

PC-12

LIFTING & SHORING - ATA 7

02-0526-0110 Main (2)
K-3582 -- R
02-0544-0110 Tail (1)

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-2601 -- R

ELECTRICAL POWER - ATA 24

282000C 11-6644-1010
11-6610-6000

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
04-6150-5010

POWER PLANT - ATA 71

08-4048-1012

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

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

Chyenenne 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

Chyenenne II, III
15-7603-1000 (basemodel)
K-1381 -- R

HYDRAULIC POWER - ATA 29

50101AR
(recommended base model)

Raytheon

See

Hawker Beechcraft

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R = required

Saab

340

LIFTING & SHORING - ATA 7

02-0540-0110 Nose
02-1248-0112 Main (2)
02-7813C0100 Axle
03-5805-0000 Tailstand

TOWING & TAXIING - ATA 9

01-1201-0010
01-0545-0011 Head -- R
01-1290-0100
01-1954-6000
JP30
JP30L

PARKING & MOORING - ATA 10

99-9010-6000

SERVICING - ATA 12

LAVATORY
10-4036-0010
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

112820C 11-6644-1010
11-6610-6000

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-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
04-6150-5010

POWER PLANT - ATA 71

08-0106-4000 *08-0108-4000
*08-0107-4000 08-4048-1012

2000

LIFTING & SHORING - ATA 7

02-0540-0110 Nose
02-1248-0112 Main (2)
02-7813C0100 Axle

TOWING & TAXIING - ATA 9

01-1201-0010
01-0545-0011 Head -- R
01-1234-0010
01-1290-0100
01-1954-6000
JP75

PARKING & MOORING - ATA 10

99-9010-6000

SERVICING - ATA 12

LAVATORY
10-4036-0010
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

15-7603-1000 (base model)

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

54101GP_C
(recommended base model)

ICE & 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
04-6150-5010

POWER PLANT - ATA 71

08-4048-1012

Saberliner

40, 60, 70

LIFTING & SHORING - ATA 7

02-7813C0100 Axle
02-7856-0100 Main (2)
02-7856-0100 Tail

TOWING & TAXIING - ATA 9

01-1202-0000
01-0503-0000 Head -- R
01-1954-6000
JP30
K-4177 -- R
JP30L
K-4177 -- R

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-2403 Sabre 65 -- R

ELECTRICAL POWER - ATA 24

112820C 11-6644-1010
11-6610-6000

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-1063-17 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
04-6152-5011

POWER PLANT - ATA 71

08-0100-4000
08-0102-4010
08-2001-0000
K-2112 TFE731-3R-1D -- R
K-2113 CF700-2D2 -- R
08-2021-0000
K-1795 TFE731-3R-1D -- R
08-2030-0000
K-2770 TFE731-3R-1D -- R
08-4048-1012

Shorts

330, 360

LIFTING & SHORING - ATA 7

02-0526-0110 Nose
02-7809-0110 Main (2)
02-7813C0100 Axle

TOWING & TAXIING - ATA 9

01-1201-0010
01-0518-0010 Head -- R
01-0551-0010 Head w/shear
01-1954-6000
JP30
JP30L

PARKING & MOORING - ATA 10

99-9010-6000

SERVICING - ATA 12

LAVATORY
10D4036-0010
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

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

51101ZZ
(recommended base model)

ICE & 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
04-6150-5010

POWER PLANT - ATA 71

08T4049-1012
K-1152 -- R

The following quick reference section should be used as a guide only.
The most current application data can be found at tronair.com

For detailed model information reference the items page(s)
* item not shown in catalog, contact Tronair for information

Bracketed # = quantity
R = required

Sikorsky

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

112820C 11-6610-6000
11-6602-1000 11-6644-1010
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 04-6152-5011
04-6029-5111

POWER PLANT - ATA 71

08-4049-1012

S-76 (AUH-76)

LIFTING & SHORING - ATA 7

02-0511-0312 Main (2)
02-0511-0312 Nose

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

112820C 11-6610-6000
11-6602-1000 11-6644-1010
92-0552-9000

FUEL - ATA 28

07-3000-1921 07-3006-6900

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
04-6150-5010

POWER PLANT - ATA 71

08-0102-4010 08-4048-1012
08-0104-4000 K-1953 -- R
08-2023-0010
K-2108 -- R

S-76C

TOWING & TAXIING - ATA 9

01-1244-0000

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
01-0599-0000 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

ELECTRICAL POWER - ATA 24

112820C 11-6610-6000
11-6602-1000 11-6644-1010
92-0552-9000

FUEL - ATA 28

07-3000-1921 07-3009-6900

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-1063-09 -- 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 04-6150-5010

POWER PLANT - ATA 71

08-4049-1012
K-3979 -- R

SH-60B (S-70L)

Seahawk,

HH-60H HCS

HH-60J Jayhawk

LIFTING & SHORING - ATA 7

02A7809-0110 Main (2)
02A7849-0110 Tail
R-1961 -- R
K-1106

TOWING & TAXIING - ATA 9

01-1221-0006
01-1242-0000

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

112820C 11-6644-1010
11-6610-6000

FUEL - ATA 28

07-3000-1921 07-3006-6900

HYDRAULIC POWER - ATA 29

52101EA_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 04-6150-5010

POWER PLANT - ATA 71

08-4049-1012

Sikorsky

(continued on the following page)

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R = required

Sikorsky (continued)

UH-60A (S-70C)

Blackhawk

LIFTING & SHORING - ATA 7

02A7809-0110 Main (2)
02A7849-0110 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

NITROGEN

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

ELECTRICAL POWER - ATA 24

11-6602-1000 11-6610-6000
92-0552-9000 11-6644-1010

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 04-6150-5010

POWER PLANT - ATA 71

08-4049-1012

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

ELECTRICAL POWER - ATA 24

112820C 11-6610-6000
11-6602-1000 11-6644-1010
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
04-6152-5011

POWER PLANT - ATA 71

08-0119-8000 08-2220-0000
08-2021-0000 08-4048-1012
K-2032 -- R

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: Powder Coat Tronair Blue



03-5833-0000

Specifications:

Model Number	Height in (cm)	Jack	Model Number	Height 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

TRIPOD JACK PAD ADAPTERS

Tronair jacks are equipped with a cupped jack adapter to interface with most aircraft jack pads.

Aircraft requiring a special jack pad are listed below.

Manufacturer/Aircraft	Part Number	Quantity Required
Agusta		
A-109 (Main All)	R-1187-01	2
A-109 (Nose All)	R-1187-02	1
ATR		
42/72 (Nose)	R-1239	2
Bombardier		
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
Cessna		
Citation Excel, 525 & 525A (Main)	R-1798	2
Citation Excel, 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
Embraer		
Citation III, VI, VII & EMB 120 (Main)	R-1276	2
Fokker		
F-27 (Nose)	R-1474	1
Pilatus		
PC6 (Main & Nose)	K-3583	1
PC12 (2 Main & 1 Tail)	K-3582	1
Turbo Islander (Main)	R-1034	2
Raytheon		
BeechJet/Diamond (Main & Nose)	HJ-557	3
Premier (Nose)	K-3692	1
Sikorsky		
Seahawk, Jayhawk, Blackhawk (Tail)	R-1961	1

HAND WHEEL SAFETY NUTS

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

H-2331 - 10 & 12 Ton Single Stage Jacks
H-2334 - 5 Ton Single Stage Jack
H-2335 - 5 Ton Two Stage Jack

SAFETY NUT KITS - One kit per jack (kit includes a second stage safety nut)

K-3218 - 18, 25 & 30 Ton Single Stage Jacks
K-3236 - 10 & 12 Ton Two Stage Jacks

Single Stage Hydraulic Tripod Jacks

Standard Features:

- Hand pump with factory preset built-in pressure relief valve
- 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
- $\frac{3}{4}$ in (2 cm) spherical radius cup jack pads on all 10, 12, 25, 30 and 60 ton models
- 1 in (2.5 cm) spherical radius cup and $\frac{3}{4}$ in (2 cm) spherical radius cup jack pads on all 5 ton models, except Model 02-7838-0110
- 4 in (10 cm) heavy duty wheels on all jacks where spring loaded casters are not standard
- Hydraulic fluid: MIL-PRF-5606
- Spring loaded casters are standard on jacks that exceed 40 in (102 cm) closed height
- Finish: Powder Coat Tronair Blue



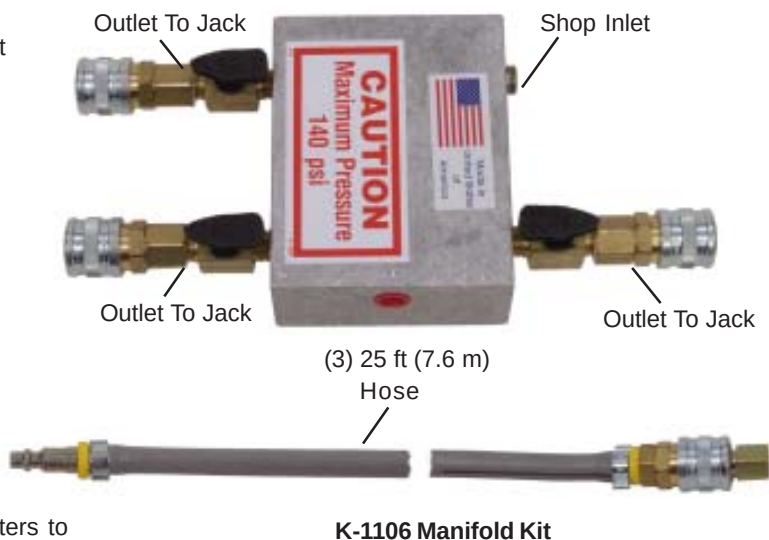
CE Approved Jack:

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
- **H-2395** (field installed) - jack cover (universal)



Single Stage Hydraulic Tripod Jacks

Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Note: Figure 5 includes leg extensions

Specifications:

Model Number	Capacity tons	Closed Height in (cm)	Mechanical Extension in (cm)	Hydraulic Extension in (cm)	Fully Extended in (cm)	Weight lb (kg)	Reference Photo Above
02-0222-0111	2	23 (58)	12 (30)	11 (28)	46 (117)	70 (32)	1
* 02-0234-0111	2	34 (86)	22 (56)	23 (58)	79 (201)	94 (43)	1
02-0300-0100	2.5	17 (43)	---	---	32 (82)	600 (272)	NA
02-0520-0110	5	20 (51)	6 (15)	12 (30)	38 (97)	90 (41)	2
02-0524-0110	5	24 (61)	8 (20)	16 (41)	48 (122)	98 (44)	2
02-0526-0110	5	26 (66)	8 (20)	16 (41)	50 (127)	100 (45)	2
02-0536-0110	5	36 (91)	10 (25)	22 (56)	68 (173)	110 (50)	2
■ 02-0540-0110	5	40 (102)	10 (25)	22 (56)	72 (183)	115 (52)	4
■ 02-0544-0110	5	44 (112)	10 (25)	22 (56)	76 (193)	125 (57)	4
■ 02-0566-0110	5	66 (168)	10 (25)	22 (56)	98 (249)	140 (64)	4
■ 02-7804-0110	5	100 (254)	10 (25)	22 (56)	132 (335)	190 (86)	5
■ 02-7812-0110	5	54 (137)	10 (25)	30 (76)	94 (239)	185 (84)	4
02-7838-0110	5	27 (69)	8 (20)	15 (38)	50 (127)	100 (45)	2
■ 02-7855-0100	5	84 (213)	10 (25)	22 (56)	116 (295)	190 (86)	5
02-7856-0100	5	30 (76)	12 (30)	22 (56)	64 (163)	105 (48)	2
02-8003-0140	5	23 (58)	7 (18)	22 (56)	52 (132)	108 (49)	2
02-1032-0111	10	32 (81)	12 (30)	16 (41)	60 (152)	175 (79)	2
02-1036-0111	10	34 (86)	14 (36)	20 (51)	70 (178)	185 (84)	2
■ 02-1040-0111	10	38 (97)	14 (36)	24 (61)	78 (198)	220 (100)	3
■ 02-1240-0111	12	40 (102)	14 (36)	24 (61)	78 (198)	220 (100)	3
■ 02-1248-0112	12	46 (117)	14 (36)	30 (76)	92 (234)	305 (138)	3
■ 02-1256-0111	12	56 (142)	14 (36)	35 (89)	105 (267)	296 (134)	3
02-7800-0110	12	55 (138)	14 (36)	32 (82)	100 (256)	370 (160)	2
■ 02-7802-0111	12	108 (274)	14 (36)	35 (89)	154 (391)	500 (227)	5
02-7805-0111	12	36 (91)	14 (36)	20 (51)	70 (178)	185 (84)	2
■ 02-7810-0111	12	53 (135)	14 (36)	35 (89)	102 (259)	294 (133)	3
02-7857-0110	12	104 (264)	14 (36)	32 (82)	150 (384)	500 (227)	5
02-8112-0111	12	108 (274)	14 (36)	32 (82)	154 (391)	500 (227)	5
■ 02-7839-0111	18	120 (305)	16 (41)	42 (107)	170 (432)	905 (411)	5
■ 02-2560-0111	25	60 (152)	16 (41)	42 (107)	118 (300)	590 (268)	4
■ 02-7803-0111	25	54 (137)	16 (41)	27 (69)	97 (246)	500 (227)	4
■ 02A7843-0112	25	49 (124)	25 (64)	30 (76)	104 (264)	480 (218)	3
■ 02-7851-0111	25	94 (239)	16 (41)	42 (107)	152 (386)	725 (329)	5
■ 02A7868C0100	25	67 (170)	5 (13)	50 (127)	121 (307)	1,145 (519)	NA
■ 02-7844-0111	30	46 (117)	16 (41)	27 (69)	89 (226)	500 (227)	3
■ 02A7850-0100	60	60 (152)	24 (61)	44 (112)	128 (325)	1300 (590)	6

* Accessory: 03-5400-000 Leg Extension - increases maximum raised height to 92 in (234 cm)

■ Equipped with spring loaded casters as standard

Multiple Stage Hydraulic Tripod Jacks

Standard Features:

- Hand pump with built-in pressure relief valve
- Threaded rams with improved hand wheel style safety nut
- Quick rising center extension
- Easy access filler/breather cap
- 4 in (10 cm) heavy duty wheels on all jacks where spring loaded casters are not standard
- Hydraulic fluid: MIL-PRF-5606
- ¾ in (2 cm) spherical radius cup jack pad
- Finish: Powder Coat Tronair Blue



02-0517-0140

CE Approved Jack:

Insert a "C" as the eighth digit,(e.g. 02-0517C0140)



Accessories:

- **Air Pump** (field installed) - call factory
- **Air Pump** (factory installed) - insert an "A" as the third digit of the model number, (e.g. 02A0522-0140)
- **Air Pump and Spring Loaded Casters** (factory installed) insert a "B" as the third digit of the model number, (e.g. 02B0517-0140)
- **Spring Loaded Casters** (factory installed) for models 02-0517-0140, 02-0522-0140 and 02-7828-0110, insert a "C" as the third digit of the model number, (e.g. 02C0517-0140)
- **K-1106** (field installed) - air pump manifold kit, supplies shop air from a single source to three tripod jacks via three 25 ft (7.6 m) hoses to run air pump
- **K-2812** (field installed) - spring loaded casters for models 02-0517-0140, 02-0522-0140 and 02-7828-0110 (one each per jack)
- **H-2395** (field installed) - jack cover (universal)

Specifications:

Model Number	Capacity tons	Closed Height in (cm)	Mechanical Extension in (cm)	Hydraulic Extension in (cm)	Fully Extended in (cm)	Weight lb (kg)
02-7866-0100	400 lbs	27 (69)	NA	29 (74)	55 (140)	470 (213)
1 02-0511-0132	5	11 (28)/16 (41)	3 (8)/8 (20)	13 (33)	27 (69)	100 (45)
02-0517-0140	5	17 (43)	7 (18)	22 (56)	46 (117)	105 (48)
02-0522-0140	5	22 (56)	7 (18)	22 (56)	51 (130)	113 (51)
02-0527-0140	5	27 (69)	9 (23)	34 (86)	70 (178)	108 (49)
4 02-7822-0110	5	27 (69)	9 (23)	34 (86)	70 (178)	160 (73)
4 02-7823-0110	5	24 (61)	N/A	22 (56)	46 (116)	125 (57)
02-7827-0110	5	32 (81)	9 (23)	34 (86)	75 (191)	160 (73)
02-7828-0110	5	22 (56)	7 (18)	29 (74)	58 (147)	113 (51)
3 02-7837-0110	5	38 (97)	9 (23)	34 (86)	81 (206)	190 (86)
02-7865-0100	5	24 (61)	8 (20)	16 (41)	48 (122)	98 (44)
1 02-8130c0100	6	24 (61)	7 (18)	29 (74)	60 (153)	113 (51)
3 02-7809-0110	10	20 (51)	4 (10)	23 (58)	47 (119)	250 (113)
3 02-7815-0110	10	26 (66)	12 (30)	33 (85)	71 (180)	300 (136)
2 02A7845-0111	10	27 (69)	14 (36)	47 (119)	88 (224)	450 (204)
2 02A7848-0110	10	24 (61)	8 (20)	38 (97)	70 (178)	380 (172)
2 02A7849-0110	10	14 (36)	9 (23)	23 (58)	46 (117)	284 (129)
2 02-7842-0100	12	40 (102)	12 (30)	40 (102)	92 (234)	350 (159)
2 02A7858-0100	12	40 (102)	12 (30)	47 (119)	99 (252)	350 (159)
2 02A7859-0100	12	70 (178)	4 (10)	58 (147)	132 (335)	425 (193)
3 02A7869C0100	15	64 (163)	4 (10)	71 (180)	140 (356)	1,145 (519)
3 02A7874C0100	20	39 (99)	4 (10)	51 (130)	94 (239)	645 (293)

1 Floor Jack

2 Spring Loaded Caster & Towbar Standard

3 Spring Loaded Casters Standard

4 Load Bearing Casters (see Tool & Equipment List Dash-7, F-27 & ATR 42/72)

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

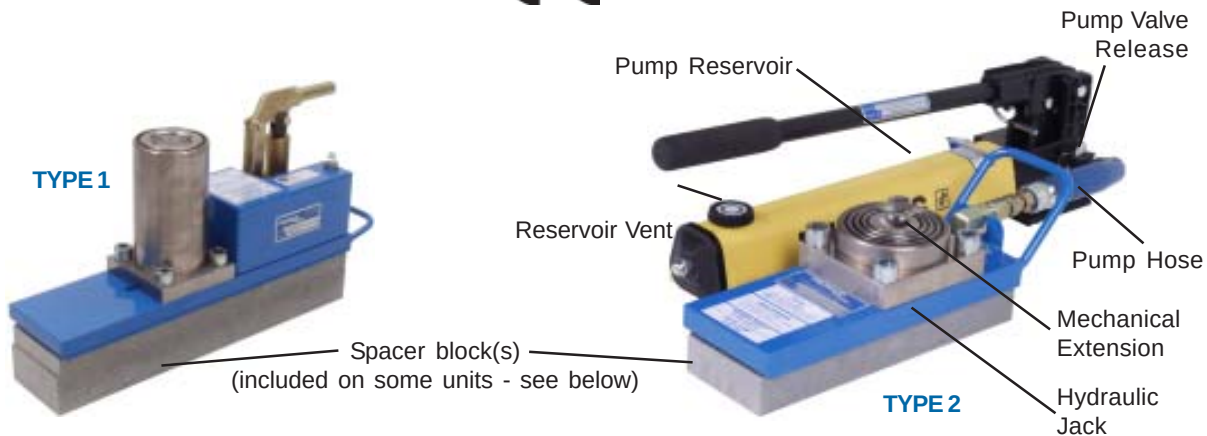
Accessories:

- **02-4950-4000** - Strut restrictor & axle jack adaptor for Citation III aircraft
- **K-4026** - CE conversion kit for 02-7813-0100



CE Approved Jack:

Insert a "C" as the eighth digit,(e.g. 02-7813C0100)



Specifications:

Model Number	Capacity tons	Closed Height in (cm)	Mechanical Extension in (cm)	Hydraulic Extension in (cm)	Fully Extended in (cm)	Length in (cm)	Dimensions Width lb (kg)	Weight	Type
02-7853-0100	5	5.5 (14)	3 (8)	8.5 (22)	17 (43)	13 (33)	3 (8)	34 (15)	2
02-7832-0110	12	4 (10)	1.5 (4)	5.5 (14)	11.5 (29)	19 (48)	4 (10)	50 (23)	1
■ 02-7833-0110	12	3 (8)	---	5 (13)	8 (20)	15.5 (39)	4.5 (11)	82 (37)	2
*02-7834-0111	12	6 (15)	1.5 (4)	6 (15)	13 (33)	14 (36)	4 (10)	60 (27)	2
■ 02-7813C0100	12	4.5 (11)	4.5 (11)	6 (15)	15 (38)	17 (43)	4 (10)	61 (28)	1
02-7836-0110	12	4 (10)	1 (3.5)	5.5 (14)	11 (28)	19 (48)	4 (10)	50 (23)	1
■ *02-7852-0100	12	3 (8)	---	5 (13)	8 (20)	15.5 (39)	4.5 (11)	61 (28)	2
02-7854C0110	12	4 (10)	1 (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
*02-7861-0100	12	4 (10)	1 (3)	8 (20)	12.5 (32)	15.5 (39)	4.5 (11)	52 (24)	2
02-7862-0100	12	5 (13)	2 (5)	6 (15)	14 (36)	17 (43)	4 (10)	56 (25)	2
*02-7863-0100	12	3 (8)	1.5 (4)/3 (8)	6 (15)	12 (30)	15.5 (39)	4.5 (11)	52 (24)	2
■ 02-8124-0100	12	4.5 (11)	4.5 (11)	6 (15)	15 (38)	17 (43)	4 (10)	61 (28)	1
*02-7818-0110	20	8 (20)	5 (13)	6 (15)	19 (48)	21 (53)	4.5 (11)	110 (50)	1
■ 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
■ 02-7830-0110	25	8 (20)	5 (13)	6 (15)	19 (48)	21 (53)	4.5 (11)	66 (30)	1
■ 02-7835-0100	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" and 2" Spacer Blocks included - increases closed and extended heights by 1", 2" & 3"

* Carrying case included

Standard Features:

- Stands stabilize aircraft when lifting with tripod jacks
- Padding on all adapters 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
- Wide range of interface adapters
- Finish: 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 in (cm)	Extended Height in (cm)	Weight lb (kg)
03-4006-0000	Universal	30 (76)	72 (183)	28 (13)
03-4007-0000	Cessna Citation I, II, V, S II, Bravo, Ultra (series 500, 501 & 550)	32 (81)	50 (127)	14 (6)
03-4012-0000	Bombardier Dash-7	78 (198)	103 (262)	86 (39)
03-4015-0000	IAI Westwind 1 & 2	34 (85)	54 (137)	18 (8)
03-4033-0000	Hawker Beechcraft BeechJet (Diamond)	33 (84)	44 (112)	15 (7)
03-5800-0010	BAe Jetstream 31 Bombardier Challenger, 600, 601, 604, CRJ-100/200 Dassault Falcon 50, 50EX	54 (137)	77 (196)	80 (36)
03-5801-0010	Cessna Citation III, VI, & VII (series 650)	47 (119)	70 (178)	67 (30)
03-5802-0000	Bombardier LearJet 23 thru 35 & 55 Cessna Caravan 208, 208B, 406 Embraer EMB-110	39 (99)	67 (170)	17 (8)
03-5804-0010	Hawker Beechcraft Beech 99, C12, King Air, U-21 A/G, 1900	43 (109)	65 (165)	20 (9)
03-5805-0000	Saab 340, 2000	48 (122)	65 (165)	70 (32)
03-5806-0000	CASA CN-235	102 (259)	126 (320)	94 (43)
03-5808-0000	BAe ATP CASA 212	84 (213)	120 (305)	103 (47)
03-5809-0000	Bombardier LearJet 45 & 60 Gulfstream Astra, Astra SPX (G-100) (G-150)	62 (157)	103 (262)	35 (16)
03-5813-0000	Piaggio P180	28 (71)	49 (124)	16 (7)
03-5814-0000	Fairchild/Dornier 328, 328JET, Envoy	98 (249)	158 (401)	120 (54)
03A5815C0010	Cessna CitationJet, CJ1 & CJ2 (series 525), Mustang	33 (84)	53 (135)	20 (9)
03-5816-0000	BAe Jetstream 41	67 (169)	87 (222)	85 (39)
03-5817-0000	Cessna Citation X (series 750)	49 (124)	72 (183)	76 (34)
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)
03-5822-0000	Bombardier Challenger 300, Global Express Dassault Falcon 900, 2000 Hawker Beechcraft Premier	68 (173)	104 (264)	90 (41)
03-5824-9000	Bombardier Lear C-21 Tailpost	33 (84)	57 (145)	12 (5)
03-5825-0110	Bombardier Canadair CRJ700	66 ³ / ₄ (169)	125 ¹ / ₄ (318)	600 (272)
03-5826-0000	Cessna Citation Excel series 550XL	42 (107)	68 (173)	62 (28)
03-5828-0000	Bombardier CRJ-700	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)

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:

K-3863 - 03-4007-0000	03-4015-0000	03-4033-0000	03-5815-0000
K-3864 - 03-4012-0000	03-5800-0010	03-5801-0010	03-5805-0000
03-5806-0000	03-5816-0000	03-5818-0000	03-5819-0000
03-5821-0000	03-5822-0000	03-5826-0000	03-5828-0000
03-5829-0000	03-5830-0000	03-8016-0010	03-8127-0000
K-3892 - 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: Powder Coat Tronair Blue



02-4951-0100

Specifications:

Model Number	Load Capacity lb (kg)	Max Towing Speed mph (kph)	Length in (cm)	Width in (cm)	Height in (cm)	Weight 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

- Double hydraulic lift cylinders for raising and lowering nose wheel cradle
- Rugged 6 horsepower, 48V, continuous duty-cycle drive motor with digital logic controller
- Two speed transaxle power transmission
- Built in 12-24-28/30V ground power unit for assisting starting aircraft engines
- Forward & rear facing headlights and amber strobe light
- Eight deep cycle 6V batteries (Full recharge in 8 hours)
- Dual 48V battery pack - **JP30L only**
- Simple to use 120V AC internal battery charger
- Two speed manual winch
- Operator platforms accommodates operator and a passenger
- Rubberized coating on aluminum diamond top plate
- Solid state dynamic braking system
- Automatic emergency parking brake
- Heavy gauge welded steel frame
- Finish: Powder Coat Wrinkle Finish Tronair Blue

Options:

- Custom color and graphics (customer logo)

Accessories:

- **K-4050** Front Pintle Hitch (Slide In) - **JP30 Models**
- **K-4051** Tire Chains - **JP30 Models**
- **K-4052** Westwind 1 & 2 Adapter
- **K-4054** PC 12 Adapter - **JP30**
- **K-4055** Falcon 50,900,2000 Adapter
- **K-4056** Learjet 40, 45 Adapter
- **K-4096** Sipped Tire Set **JP30 Models**
- **K-4097** Sipped Tire Set **JP100 Models**
- **K-4099** Tire Chains - **JP75 Model**
- **K-4100** Tire Chains - **JP75 & JP100 Models**
- **K-4101** On board air compressor
- **K-4102** Sipped Tire Set **JP75**

Standard Features:

Models: JP75, JP100S

- Double hydraulic lift cylinders for raising and lowering nose wheel cradle
- Two heavy duty 10 horsepower, 48V, continuous duty-cycle drive motors with microprocessor based controller
- Built in 12-24-28/30V ground power unit for assisting in starting aircraft engines
- Dual 48 volt battery packs (Full recharge in 8 hours at 20% charge or less)
- Simple to use 220V AC fully automatic battery charger
- Operator platform accommodates operator and a passenger
- Hydraulic ram winch
- Heavy gauge welded steel frame
- Braking
Main: Dynamic braking with solid state controls
Secondary: Foot pedal actuated disk brakes
Emergency: Fail safe spring applied disk brakes
- Finish: Powder Coat Wrinkle Finish Tronair Blue



JP30



JP75



JP100S
(sit down model)

Specifications:

Model Number	Max Aircraft Weight lb (kg)	Cradle Capacity lb (kg)	Speed Empty mph (kph)	Speed Full Load mph (kph)	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
JP30	30,000 (13,608)	3,000 (1,361)	10 (16)	4 (6.4)	135 (342.9) ...	40 (101.6) .	49 (124.5) ..	2,450 (1,111)
JP30L	30,000 (13,608)	3,000 (1,361)	10 (16)	4 (6.4)	171 (434.4) ...	40 (101.6) .	49 (124.5) ..	3,250 (1,474)
JP75	75,000 (34,019)	7,500 (3,402)	8 (12.9)	4 (6.4) ..	179.5 (455.9) ...	58 (197.3) ..	52 (132.1) ..	5,700 (2,586)
JP100S ..	100,000 (45,359) ..	10,000 (4,536) ...	8 (12.9)	4 (6.4)	209 (530.9)	72 (183)	38 (96.5) ...	7,000 (3,175)

Accessories

MULTI-HEAD STORAGE RACK

Standard Features:

Model: 01-1954-6000

- Mobile, strong and durable
- Stores 500 and 800 Series multiheads
- 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 in (cm)	Width in (cm)	Height in (cm)	Weight 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)

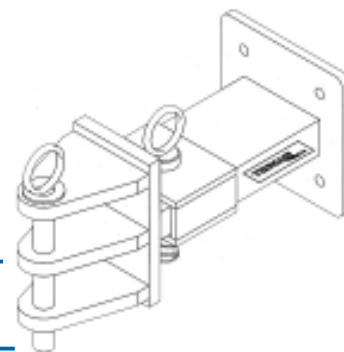
TELECOUPLER

Standard Features:

- Minimizes eyebolt binding
- Finish: Yellow polyurethane

Specifications:

Model Number	Capacity lb (kg)	Closed in (cm)	Extended in (cm)	Weight lb (kg)
01-1950-5000	100,000 (45,359)	18 (46)	23 (58)	60 (27)



Shear and Shock Protection

Shear Protection:

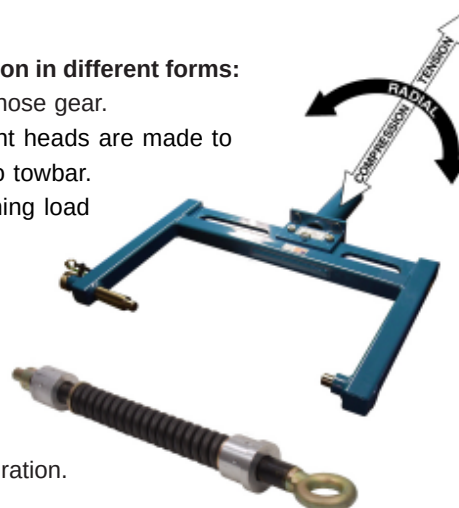
Where required by the aircraft manufacturer, Tronair incorporates shear protection in different forms:

- **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.



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: Powder Coat Tronair Blue



Specifications: 500 Series Standard Attachment Heads

For towbars listed on pages 38 & 39

Model Number	Manufacturer/Aircraft	Length in (cm)	Weight lb (kg)
01-0400-0000	Bombardier Dash-8-400 (fits towbar 01-1201-0010 only)	20 ¹³ / ₁₆ (53)	35 (16)
01-0502-0000	Raytheon Hawker HS-125-100 to 800	15 ⁵ / ₈ (40)	15 (7)
01-0503-0000	Sabreliner (all)	16 ¹ / ₄ (41)	13 (6)
01-0505-0000	Dassault Falcon 10-100, 20-200 & HU-25A	17 ¹⁵ / ₁₆ (46)	30 (14)
01-0506-0000	Sino Swearingen SJ30-2	20 ¹ / ₂ (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 ¹ / ₂ (52)	18 (8)
01-0508-0000	Mitsubishi MU2	27 ⁵ / ₈ (70)	22 (10)
01-0511-0000	Cessna Cessna 210, Centurion, 310, 320, 335, 340, 401, 402, 404 & 411, Skymaster 336 & 337 Titan	20 ¹ / ₂ (52)	18 (8)
	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 ⁵ / ₈ (70)	22 (10)
01-0514-0000	Fokker F-27 Friendship	17 ³ / ₄ (45)	19 (8.6)
01-0515-0000	Bombardier Challenger 601, 604	16 ³ / ₁₆ (43)	21 (9.5)
01-0516-0000	Sikorsky S-76, AUH-76	27 ³ / ₄ (70)	22 (10)
01-0517-0000	Bombardier Dash-7	17 ⁵ / ₈ (45)	30 (14)
01-0518-0010	Shorts SD330, SD360 & C-23A	28 ³ / ₄ (73)	26 (12)
01-0520-0010	Dassault Falcon 50, 50EX, 900, 900EX, 2000 & 2000EX	17 ¹⁵ / ₁₆ (46)	28 (13)
01-0522-0000	Britten Norman Islander, Trislander	25 ¹ / ₄ (64)	18 (8)
01-0524-0000	Agusta A-109 (all)	20 ¹ / ₂ (52)	20 (9)
01-0525-0000	Bell Helicopter 222, 230, 430	20 ¹ / ₂ (52)	18 (8)
01-0526-0000	BAe Jetstream 31	16 ¹ / ₈ (41)	13 (6)
01-0529-0000	Nomad Nomad	27 ³ / ₄ (70)	22 (10)
01-0531-0000	Casa C212, C212C, C212-200 Aviocar	28 ³ / ₈ (72)	32 (15)
01-0532-0000	BAe HS-748	31 (79)	44 (20)
01-0534-0000	Fairchild Dornier 228-100/200	22 ⁵ / ₈ (57)	24 (11)
01-0535-0000	Bell 214, 214 ST	17 ¹ / ₁₆ (43)	13 (6)
01-0538-0000	Cessna Caravan 208, 208B & 406	27 ⁷ / ₈ (71)	22 (10)
01-0539-0000	Northrop T-38	14 ³ / ₄ (37)	13 (6)
01-0540-0010	Embraer EMB-120	25 ¹ / ₄ (64)	35 (16)
01-0542-0010	Bombardier LearJet (all)	24 ⁵ / ₈ (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 ⁵ / ₈ (60)	22 (10)
01-0544-0000	Bombardier Dash-6 Twin Otter (hi-float tires)	37 ⁹ / ₁₆ (95)	36 (16)
01-0545-0011	SAAB 340, 2000	23 ³ / ₄ (60)	30 (14)

Attachment Heads

Specifications: 500 Series Standard Attachment Heads

For towbars listed on pages 38 & 39

Model Number	Manufacturer/Aircraft	Length in (cm)	Weight lb (kg)
01-0546-0000	Gulfstream I, II, III, IV, IV-SP, G300, G400	26 ¹ / ₄ (67)	43 (20)
01-0547-0000	General Dynamics Convair 580 thru 640	31 ¹ / ₄ (79)	37 (17)
01-0548-0000	Nihon YS-11	31 ¹ / ₈ (77)	38 (17)
01-0549-0000	Dassault Falcon 10-100, 20-200 & HU-25A (w/radial shear)	21 ⁵ / ₈ (55)	39 (18)
01-0550-0000	Bombardier Challenger 600, 601, 604 (w/radial shear)	21 ⁵ / ₁₆ (54)	24 (11)
01-0551-0010	Shorts SD330, SD360 & C-23A (w/radial shear)	34 ³ / ₄ (88)	42 (19)
01-0552-0011	Casa CN-235	26 ³ / ₄ (68)	33 (15)
01-0554-0000	Embraer EMB-110	18 (46)	20 (9)
01-0555-0000	BAe ATP	16 ⁵ / ₈ (42)	35 (16)
01-0556-0000	Eurocopter Dauphin 2 – AS365N, EC-155	27 ³ / ₄ (70)	23 (10)
01-0558-0000	ATR ATR 42/72	20 ⁵ / ₈ (52)	30 (14)
01-0559-0000	Gulfstream G100 (Astra SP & SPX) IAI Westwind 1 & 2	30 ¹ / ₈ (77)	23 (10)
01-0560-0010	Dassault Falcon 50, 50EX, 900, 900EX, 2000 & 2000EX (w/radial shear)	20 ³ / ₄ (53)	35 (16)
01-0565-0000	BAe ATP (w/shear)	21 ¹ / ₄ (54)	35 (16)
01-0566-0000	Fokker F-50 (w/radial shear)	24 ¹ / ₈ (61)	45 (20)
01-0569-0000	Fokker F-50	19 ¹ / ₂ (50)	40 (18)
01-0570-0010	Piaggio P-180 Avanti	27 ³ / ₄ (70)	22 (10)
01-0571-0011	Bombardier Canadair CRJ 100/200 Raytheon Hawker 4000 (w/radial shear)	30 ³ / ₈ (77)	45 (20)
01-0573-0012	Pilatus PC-12	18 (46)	16 (7)
01-0574-0010	Raytheon Hawker HS-125-100 to 10000 (w/radial shear)	20 ⁵ / ₁₆ (52)	20 (9)
01-0575-0011	BAe Jetstream 41 (w/dual shear)	20 ⁵ / ₈ (52)	19 (9)
01-0576-0000	Fairchild Dornier 328, 328JET, Envoy 3 Gulfstream G150	13 ⁵ / ₈ (35)	14 (6)
01-0577-0010	Eurocopter Puma AS330, AS332 Super Puma	28 ³ / ₈ (72)	37 (17)
01-0578-0010	Bombardier CL-215/415 (w/dual shear)	29 ⁹ / ₁₆ (75)	39 (18)
01-0580-0000	Eurocopter Dauphin HH-65A	21 ⁷ / ₈ (56)	30 (14)
01-0582-0011	Embraer ERJ-135, ERJ-140, ERJ-145, Legacy	26 ¹ / ₄ (67)	39 (18)
01-0586-0000	Bombardier Canadair CRJ 700	37 ³ / ₈ (95)	75 (34)
01-0590-0000	Bombardier Dash-8-100,300	20 ¹ / ₄ (51)	33 (15)
01-0591-0000	Bombardier LearJet (all) (w/dual shear)	30 ¹³ / ₁₆ (78)	35 (16)
01-0594-0000	Cessna Citation III, VI, VII, X, 750, Excel & Sovereign	19 ¹ / ₈ (49)	25 (11)
01-0595-0000	Raytheon JPATS T-6A Texan II	18 ³ / ₈ (47)	18 (8)
01-0597-0000	Bombardier Challenger 300	32 ¹ / ₈ (82)	59 (27)
01-0598-0000	Eclipse Aerospace Eclipse 500	20 ¹ / ₂ (52)	20 (9)
01-0599-0000	Sikorsky S-92	29 ³ / ₁₆ (74)	50 (23)
01-0600-0000	Hawker 4000	26 ¹³ / ₁₆ (68)	31 (14)
01-0601-0000	Embraer Phenom 100	23 ¹ / ₄ (59)	23 (10)
01-0602-0000	Dassault Falcon 7X (w/dual shear)	24 ¹⁵ / ₁₆ (63)	42 (19)

Specifications: 800 Series Heavy-Duty Attachment Heads

For towbars listed on page 38

Model Number	Manufacturer/Aircraft	Length in (cm)	Weight lb (kg)
01-0801-0010	Bombardier Global Express	39 ¹ / ₂ (100)	60 (27)
01-0802-0010	Gulfstream GII thru GV, G550, G450	32 (81)	65 (30)
*01-0803-0000	Bombardier CRJ700, CRJ900	40 (102)	78 (35)

* See CRJ-700 01-0586-0000

Standard and Heavy Duty Multi-Head Attachment Towbar Systems

Standard Multi-Head Towbar Systems Features:

- Attachment heads easily change and securely attach to towbar in seconds (see pages 36 & 37)
- Multi-head systems save space and capital investment
- Heavy duty welded aluminum construction
- Standard 2³/₁₆ in (5.6 cm) I.D. towing eye
(to substitute a 2⁷/₈ in (7.3 cm) I.D. eyebolt insert the letter "A" as the third digit of the model number, e.g. 01A1202-0000)
- Positive locking pin secures attachment heads to towbar
- Both towbar and attachments adhere to aircraft manufacturer's towing specifications
- Accommodates over 60 different aircraft attachment towing heads
- 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
- Finish: Powder Coat Tronair Blue

500 Series Heads Only



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

Heavy Duty Multi-Head Towbar Systems Features:

- Attachment heads easily change and securely attach to towbar in seconds (see pages 36 & 37)
- Multi-head systems save space and capital investment
- Heavy duty welded aluminum construction
- Standard 2³/₁₆ in (5.6 cm) I.D. towing eye
(to substitute a 2⁷/₈ in (7.3 cm) I.D. eyebolt insert the letter "A" as the third digit of the model number, e.g. 01A1202-0000)
- Positive locking pin secures attachment heads to towbar
- Both towbar and attachments adhere to aircraft manufacturer's towing specifications
- Heavy duty shock assembly with single spring for nose gear protection during towing operation
- 10 in (25 cm) pneumatic wheels with steel bearings and movable truck assembly
- Upright handle makes lifting easier
- Finish: Powder Coat Tronair Blue

800 Series Heads Only

01-1270-0010



Accessories:

- **K-3785** - Rear Impact Caster Kit
- **K-4076** - Landing Gear Assembly Kit for towbar with 4 1/2" diameter tube (01-1270-0010 ONLY)
- **K-4187** - 500 Series Head Adapter Kit (01-1270-0010 ONLY)

500 and 800 Series Heads

01-1290-0100



Specifications:

Model Number	Aircraft Weight Capacity lb (kg)	System	Length in (cm)	Width lb (kg)	Weight in (cm)	Wheel Size in (cm)
01-1201-0010	75,000 (34,019)	Standard	127 (323)	22 (56)	92 (42)	9 (22.9)
01-1201-0011	75,000 (34,019)	Standard	127 (323)	21 (55)	92 (42)	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)	118 (54)	10 (25)
01-1290-0100	125,000 (56,699)	Heavy Duty	128 (325)	24 (61)	160 (73)	9 (22.9)

Standard Features:

- Compact to provide away from home towing capacity
- Shear protection is included when required by aircraft manufacturer
- Lightweight
- Finish: 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 in (cm)	Extended in (cm)	Weight lb (kg)	Shear 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 (by use of attachment head) see pgs. 34 & 35	Aluminum	57 (145)	120 (305)	41 (19)	No
01-1216-0000	Universal (by use of attachment head) see pgs. 34 & 35	Aluminum	57 (145)	89 (226)	28 (13)	No
*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	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
* 01-1261-0011	Gulfstream GII-GV	Aluminum	55 (139)	111 (282)	77 (35)	Yes
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 Lockheed Martin F-16	Aluminum	85 (215)	239 (606)	190 (86)	No
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
01-2002-0000	Embraer Phenom 100	Aluminum	31 (79)	88 (224)	25 (11)	Yes
*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.

The 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



Standard Features:

- Positive locking mechanism to aircraft tow point
- Heavy duty shock assembly with 2³/₁₆ in (5.6 cm) towing eye (to substitute a 2⁷/₈ 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: Powder Coat Tronair Blue

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

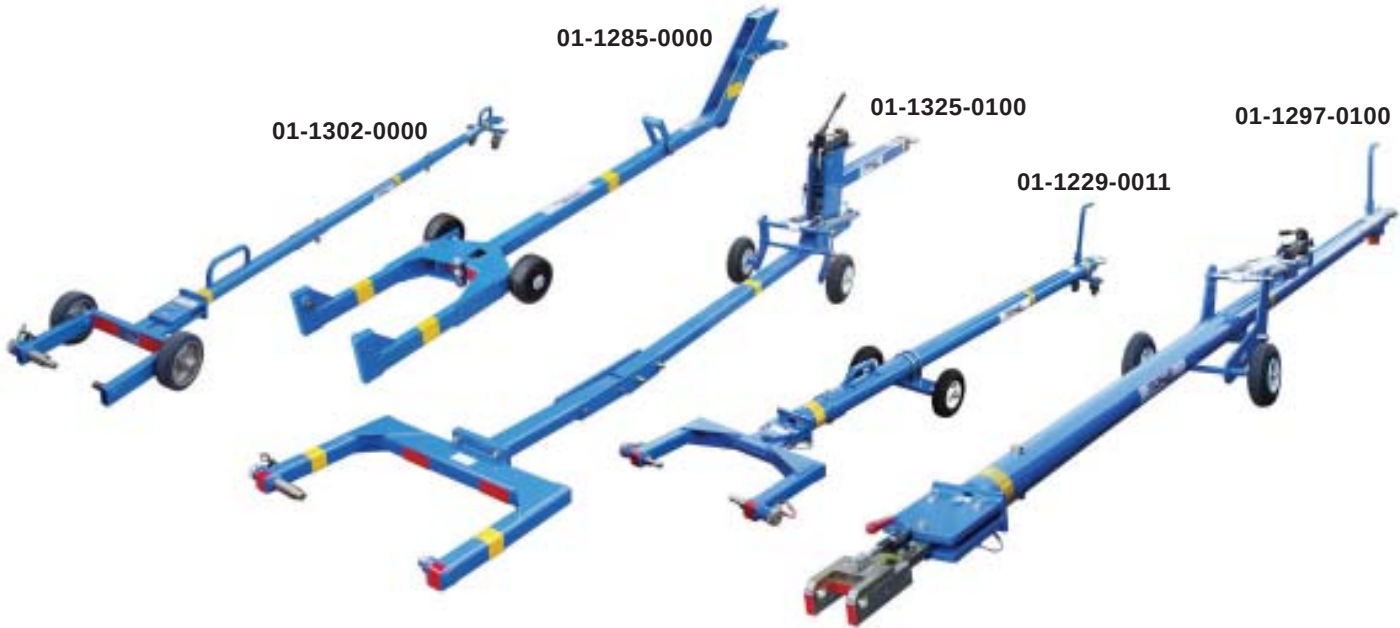
Accessories:

- **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

Specifications:

Model Number	Manufacturer/Aircraft	Material	Shock	Length in (cm)	Weight lb (kg)	Special 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 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 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

*The Finish on this towbar is Powder Coat Olive Drab.



Specifications:

Model Number	Manufacturer/Aircraft	Material	Shock	Length in (cm)	Weight lb (kg)	Special Features
01-1212-0000	Fokker F-70/100	Steel	Yes	187 (475)	300 (136)	1, 3, 8
01-1217-0000	Fokker F-50	Aluminum	Yes	143.5 (364)	120 (54)	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	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)	---
01-1259-0000	Hawker Beechcraft King Air, Queen Air Sino Swearingen SJ30-2	Steel	No	136 (345)	85 (38.5)	4, 6
01-1262-0000	Gulfstream Astra, G100, 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 Citation X, 750, Excel, Sovereign Series 680	Aluminum	Yes	138 (351)	116 (53)	2, 3, 6
01-1295-0000	Pilatus PC-6	Steel	No	29.5 (75)	15 (7)	---
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	Dissault 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
01-1308-0000	Altair Predator B	Steel	No	144 (366)	59 (27)	1, 2, 4, 5
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

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-9/50	Pin	Steel	170 (432)	210 (96)
	McDonnell Douglas DC-9/50, DC-10, 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, 777				
	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-9/50	Pin	Steel	165 (419)	300 (136)
	McDonnell Douglas DC-9/50, DC-10, MD-80				
01-1301-0000	Airbus A340-500/600	Clamp	Steel	132 (335)	650 (295)
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)

* Portable Towbar

Specifications:

Attachment Heads For 01-1322-0000 Multi-Head Towbar			Attachment Heads For 01-1323-0000 Portable Multi-Head Towbar		
Model Number	Manufacturer/Aircraft	Head Style	Model Number	Manufacturer/Aircraft	Head Style
01-0701-0000	Airbus A320	Clamp	01-0707-0000	Boeing 737	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 A320	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			

Snap-Bak Towbars

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: Powder Coat Tronair Blue



Specifications:

Model Number	Manufacturer/Aircraft	Capacity lb (kg)	Length in (cm)	Weight lb (kg)
01-1109-0010	Fairchild Dornier Merlin II Sino Swearingen SJ30-2 Raytheon Beech 99, 1900, C-12, T-34C, T-42A, U-21 A/G, King Air, Queen Air, Starship Universal Towbar	15,000 (6,804)	87 (221)	35 (16)
01-1112-0010	Cessna Bravo, Cardinal RG, Citation I, II, V, S/II, 310, 320, 337 Skymaster, 340, 401, 402, 411, 414, 421, 414A, 421C Gulfstream Turbo Commander, Aero Commander Mooney all Piper Cheyenne I, II & III, Chieftain, Navajo Universal Towbar	16,000 (7,258)	87 (221)	37 (17)
01-1122-0010	Various	7,500 (3,402)	92 (234)	28 (13)
01-1170-0010	Cessna Caravan	8,750 (3,969)	109 (227)	35 (16)
01-1222-0000	Piaggio P-180	1,100 (499)	104 (264)	44 (20)
01-1233-0010	Aerospatiale TMB-700 (requires adapter kit K-2200) Cessna 150,152, 172, 177, 180, 182, 185, 206, 207, 210 (180, 185 requires adapter kit K-2041) Piper Aztec, Cherokee, Comanche, Seneca Raytheon Baron, Duke Universal Towbar	7,500 (3,402)	95 (241)	35 (16)
01-1273-0010	Raytheon JPATS T-6A Texan II	6,500 (2,948)	96 (244)	35 (16)
01-1283-0000	Raytheon JPATS T-6A Texan II (with pneumatic tires)	6,500 (2,948)	96 (244)	45 (20)
01-1298-0000	Eclipse 500	7,500 (3,402)	86 (218)	25 (11)
01-1313-0000	Diamond DA20, DA40	1,764 (800)	75 ⁷ / ₈ (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 lb (kg)	Length		Weight lb (kg)
			Closed in (cm)	Extended in (cm)	
01-1179-0010	Raytheon Beechjet, Diamond	16,000 (7,258)	59 (149)	83 (211)	38 (17)
01-1286-0000	Raytheon 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

Wheel Chocks



99-9008-6000



99-9010-6000



99-9015-6000



99-9028-6000

Specifications:

Model Number	Color	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
99-9008-6000	Black	5 (13)	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)

Ramplok and Secure Chock

Standard Features:

Models: 99-9042-9000 (Ramplok)

99-9043-9000 (Ramplok - keyed alike)

- 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 13¹/₈ to 22¹/₄ inch diameter tire
- Collapsible and comes with nylon carrying tote for ease of storage
- Finish: Anodized Bright Blue



99-904X-6000

Model: 99-9044-7000 Secure Chock:

- Provides theft deterrence for aircraft
- Strong rugged design, no assembly required
- Shackless steel lock with 3 keys (Purchase multiple units and have them keyed alike for fleet protection)
- Secure your aircraft quickly and easily
- Fits virtually all business aircraft and regional airliners
- Required by the state of New Jersey
- Finish: Painted Bright Red



99-9044-7000

Specifications:

Model Number	Length in (cm)	Width in (cm)	Height in (cm)	Weight 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)

Standard Features:

NSN: 4940-01-504-5279

Model: 06-5022-6500-A7

- Military Approved
- Servicing of MIL-PRF-83282 hydraulic reservoir fluid
- 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 (**coupling not included**)
- Adapter fillings for connecting size #12, MS33656 and MS33657 quick disconnect couplings
- 8 in (20.3 cm) sight glass
- Hose storage bracket
- Dimensions:
 - Length: 14³/₈ (36.5)
 - Width: 10 in (26 cm)
 - Height: 21 in (53 cm)
 - Weight: 18 lb (8 kg)



Quick Disconnect Couplings:

Helicopter	Coupling	Model	NSN
*AH-64, UH-60	Hose End	N-2417-06	4730-00-540-1268
*AH-64, UH-60	Bulkhead Plate	N-2705-06	4730-00-541-1115
*CH-47	Hose End	N-2424-06	4730-00-585-0469
*CH-47	Bulkhead Plate	N-2559-05	4730-00-729-5736

* **Note:** Must order a Hose End and Bulkhead Plate

Standard Features:

Models: 06-5009-6500, 06-5009-6600, 06-5009-6800
06-5010-6500, 06-5010-6600, 06-5010-6800

- 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 ì m 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) fluid resistant reservoir
06-5020 Series: Holds two 5 gallon buckets
- 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
- Front wheels lock with towbar in upright position
- 10 in (25 cm) pneumatic tires
- Finish: Powder Coat Tronair Blue

06-5043-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: Powder Coat Tronair Blue

06-5021-Series



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 ì m 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)
- Finish: Powder Coat Tronair Blue (Mineral Base)
Powder Coat Desert Sand (Phosphate Ester)

06-5024-Series



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: Powder Coat Tronair Blue (Mineral Base)
Powder Coat Desert Sand (Phosphate Ester)

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: Powder Coat Tronair Blue (Mineral Base)
Powder Coat Desert Sand (Phosphate Ester)

06-5042-Series



See Hydraulic Couplings on pages 77 to 79

Specifications:

Model Number by Fluid Type			Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
MIL-PRF-5606 MIL-PRF-83282	Phosphate Ester	MIL-PRF-23699 MIL-PRF-87257				
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 ¹ / ₄ (89.5)	28 ¹ / ₂ (72)	38 ³ / ₈ (97)	250 (113)
06-5021-1500	06-5021-3600	06-5021-1800	19 ¹ / ₈ (49)	21 (53)	45 ¹ / ₂ (116)	45 (20)
06T5021-1500	06T5021-3600	NA	19 ¹ / ₈ (49)	21 (53)	45 ¹ / ₂ (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)
06-5025-1512	06-5025-3610	NA	73 (185)	50 (127)	52 ¹ / ₂ (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	40 (102)	29 (73.7)	35 (89)	250 (113)

Hydraulic & Engine Oil Servicing Equipment

Hydraulic Oil Test Equipment

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 ì m per ISO 4572)
- Shut off valve (zero leakage)
- Manual hand pump
- 15 ft (4.6 m) #4 hose with 37° JIC female swivel connector
- Finish: Powder Coat Tronair Blue (Mineral Base)
Powder Coat Desert Sand (Phosphate Ester)
- Dimensions:
 - Length: 19 in (48 cm)
 - Width: 6 in (15 cm)
 - Height: 19 in (48 cm)
 - Weight: 25 lb (11 kg)



06-4005-Series

Standard Features:

Models: 06-4035-0500, 06-4035-0800, 06-4035-3600

06-5004-0500, 06-5004-0800, 06-5004-3600

06-5040-0510 , 06-5040-0800, 06-5040-3600

06-5041-0500, 06-5041-0800, 06-5041-3610

- 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)
- 8 in (20 cm) semi-pneumatic tires
- Dual hose selector valve standard on
06-5004 and 06-5041 series only
- Sturdy welded steel construction
- Finish: Powder Coat Tronair Blue (Mineral Base)
Powder Coat Desert Sand (Phosphate Ester)
- Dimensions:
 - Length: 19 in (48 cm)
 - Width: 19 in (48 cm)
 - Height: 32 in (81 cm)
 - Weight: 65 lb (29.5 kg)



06-4035-Series

06-5004-Series

Specifications:

Model Number by Fluid Type			Max Pressure psi (bar)	Output in³ (cm³)	Pressure Gauge psi (bar)
MIL-PRF-5606 MIL-PRF-83282	Phosphate Ester	MIL-PRF-23699 MIL-PRF-87257			
06-4005-0511	06-4005-3611	06-4005-0800	3,000 (207)	.552 (9)	5,000 (345)
06-4035-0500	06-4035-3600	06-4035-0800	3,000 (207)	.552 (9)	5,000 (345)
06-5004-0500	06-5004-3600	06-5004-0800	3,000 (207)	.38 (6)	5,000 (345)
06-5040-0510	06-5040-3600	06-5040-0800	5,000 (345)	.552 (9)	6,000 (414)
06-5041-0500	06-5041-3610	06-5041-0800	5,000 (345)	.38 (6)	6,000 (414)

Hydraulic & Engine Oil Servicing Equipment 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:

Kit Type	MIL-PRF-5606, MIL-PRF-83282 MIL-PRF-23699, MIL-PRF-87257		Fluid Type Skydrol, Hyjet	
	Kit Number	Fits Model Number	Kit Number	Fits Model Number
In-Line Conversion	K-3677 K-3678 K-3680	06-5009-6500, 06-5010-6500 06-4005-0511 06-5022-6500	K-3676 K-3679 K-3681	06-5009-6600, 06-5010-6600 06-4005-3611 06-5022-6600
Replacement Element	K-3659		K-3658	
Filter Assembly	HC-2141		HC-2140	

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
- 2 gal (7.6 l) reservoir
- 2 micron filtration
- 2 in (5 cm) filler port
- Hose storage bracket

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)
- 1/4" JIC swivel output connector
- Ties into compressed air system
- 175° F (79° C) maximum air temperature



06-5056-1D00

Specifications:

Model Number	Max Air Pressure psi (bar)	Stroke Displacement in/stroke (cc/stroke)	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
06-5022-6C00	200 (13.8)	4.4 (72.1)	8 (21)	8 (21)	20 (52)	18 (8)
06-5056-1D00	125 (8.6)	14.7 (240.9)	12 (30.5)	12 (30.5)	12 (30.5)	9.5 (4.3)

Standard Features:

All Models:

- Dump and fill tanks constructed of high density polyethylene with UV inhibitors
- Front wheels lock with towbar in upright position
- Front wheel assembly for easy maneuvering
- Finish: Powder Coat Tronair Blue

Additional Features:

Models: 10-4036-0001, 10-4036-0010, 10D4036-0010

- 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)
- 8 in (20 cm) pneumatic tires
- Order **10D4036-0010** for Shorts Aircraft (includes K-1036)



10-4036-0010

Model: 10-6401-0010

- 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
- Manual fill and dump pumps (6 stroke per gallon)
- 8 in (20 cm) wheels



10-6402-0010

Model: 10-6402-0010

- 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
- 30 in (76 cm) height to dump hose connection
- Drain back valve empties fill hose after use
- Manual fill pump with totalizer
- 8 in (20 cm) front wheels
- 10 in (25 cm) rear wheels

Model: 10-6409-0000

- Gravity emptied dump tank with gate valve
- 6' (1.8 m) blue waste hose with GA coupler
- 10' (3 m) black waste outlet hose
- 12' (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



10-6409-0000

Specifications:

Model Number	Dump Tank gal (l)	Fill Tank gal (l)	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
10-4036-0001	31 (117)	15 (57)	54 (137)	36 (91)	22 (56)	280 (127)
10-4036-0010	31 (117)	15 (57)	54 (137)	36 (91)	29 (74)	280 (127)
10D4036-0010	31 (117)	15 (57)	54 (137)	36 (91)	29 (74)	280 (127)
10-6401-0010	136 (515)	68 (257)	72 (183)	46 (117)	45 (114)	700 (318)
10-6402-0010	68 (257)	31 (117)	64 (163)	37.5 (95)	49.5 (126)	600 (272)
10-6409-0000	35 (132)	25 (95)	64 1/4 (165.7)	39 1/4 (99.7)	27 1/4 (69.2)	194 (88)

Aircraft fill adapter and dump coupling and hose not included. See page 50 for required accessories.

Lavatory & Potable Water Fittings, Connectors, Adapters, and Tools

H-1770



K-2029/K-2922



K-2288



K-2410/K-2411



K-2412



10-6403-6000



Tee Handle aircraft plug removal tool

Kit Number	Part	Description
H-1769	Wye Type Dump Connector	Used as an extension with straight connector kit K-2412
H-1770	Aircraft Lavatory Plug	4 in (10.2 cm) standard replacement lavatory plug
H-2217	Open Hose Fill Coupling & Plug	Plug prevents contamination when locked into coupling during non-use
K-1036	Shorts 330/360 Adapter	3 in (7.6 cm) aircraft system with fill connector
K-2029	Wye Type Dump Connector	Dump coupling with 5 ft (1.52 m), 4 in (10.2 cm) I.D. hose
K-2288	Learjet 60 Adapter	Adapts 2 in (5.1 cm) aircraft dump system to standard 4 in (10.2 cm) standard coupling. Includes Lear 60 Fill Adapter
K-2410	Chemical Fill Connector	Used to fill lavatory chemical solution reservoir
K-2411	Potable Water Fill Connector	Used to fill aircraft potable water reservoir
K-2412	Straight Type Dump Connector	Dump coupling with 5 ft (1.52 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
K-3606	Dump Coupling Plug	Used to prevent spilling waste solution

Potable Water Transport Carts

Standard Features:

- Operates by 12 VDC electric battery with built in charger
- 2 gpm (7.6 lpm) electric pump
- 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: Powder Coat Tronair Blue



19-4305-0000

Specifications:

Model Number	Heater	Capacity gal (l)	Frequency Hz	Tires in (cm)	Length in (cm)	Width in (cm)	(Towbar Up) Height in (cm)	Empty Weight lb (kg)
19-4301-0000	No	100 (379)	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)	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)
19-4308-0000	No	31 (117)	50	10 (25)	66 (168)	25 (64)	29 (74)	274 (124)
19-4309-0000	No	100 (379)	50	12 (31)	74 (188)	40 (102)	42 (107)	500 (227)
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)

Nitrogen and Oxygen Four Bottle Transport Cart

Standard Features:

Model: 12-3104-0000

- Sturdy welded steel construction
- Holds four 9 in (23 cm) diameter bottles, not included, reference: 230 ft³ (6.5 m³) gas bottle
- 13 in (33 cm) pneumatic tires
- Bottle cage adjusts to bottle length to hold bottles securely in place
- Front wheels lock with towbar in upright position
- Towbar with 2³/₁₆ in (5.6 cm) ID eyebolt
- Hose storage compartment
- Maximum towing speed 10 mph (16 km)
- Reflectors for night visibility
- Finish: Powder Coat Tronair Blue - **12-3104-0000**
Powder Coat Green - **12-3104-0000SP**
- Dimensions:
Length: 80 in (203 cm)
Width: 31 in (79 cm)
Height: 37 in (94 cm)
Weight: 230 lb (104 kg)

Accessory:

PC-1107 - .250 cu ft certified bottle (empty)



12-3104-0000

See page 88 for additional service gauges

Nitrogen and Oxygen One and Two Bottle Transport Carts

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: Powder Coat Tronair Blue

Accessory:

PC-1107 - .250 cu ft certified bottle (empty)

12-3103-6011



12-3100-1000



See page 88 for additional service gauges

Specifications:

Model Number	Bottle Capacity	Wheel Size in (cm)	Width in (cm)	Height in (cm)	Weight 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)

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
- MIL-PFR-5606 hydraulic fluid
- Repeated manual opening of input and output valves required to reach desired aircraft pressure
- Finish: 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
- When input regulator is set at specified pressure the booster automatically shuts down when set pressure is reached
- Finish: Powder Coat Tronair Blue - **12-3104-0000**
Powder Coat Green - **12-3104-0000SP**



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 psi (bar)	Length in (cm)	Width in (cm)	Height in (cm)	Weight 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)

Nitrogen Low Pressure Regulator

Specifications:

Model Number	Description/Purpose	Pressure Range psi (bar)	Increments psi (bar)
18-4216-6000	Nitrogen Low Pressure Regulator	0-15 (0-1)	0.5 (0.03)

Nitrogen Four Bottle Transport Cart/Cart 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:

Models: 18-4208-0010, 18-4303-0000

- 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
- Low pressure regulator 0 to 500 psi (.2 to 34.5 bar) certified gauge with 15 ft (4.6 m) #4 output hose
- Nitrogen overpressure relief valve set at 4,400 psi (303 bar)
- 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
- 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 $2\frac{3}{16}$ 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: Powder Coat Tronair Blue - **12-3104-0000**
Powder Coat Green - **12-3104-0000SP**

See page 87 for adapters
See page 88 for additional service gauges



With Booster

Includes Standard Features:

- 3,500 psi (241S bar) nitrogen intensifier (booster) operates off low pressure regulator
- Intensifier (booster) automatically shuts down when aircraft reaches set pressure

Accessories:

- **K-3543** - Extended Bottle Stop
- **PC-1107** - .200 cu ft certified bottle (empty)



**18-4208-0010
Booster Instrument Panel**



**18-4303-0000
Instrument Panel**

Specifications:

Model Number	Booster	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
18-4208-0010	Yes	80 (203.5)	30.5 (77.5)	37 (94)	350 (159)
18-4303-0000	No	80 (203.5)	30.5 (77.5)	37 (94)	300 (136)

Oxygen Four Bottle Transport Cart/Cart 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:

Models: 20-4504-7000, 20-4505-7000

- 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)
- Operating instructions located on instrument panel
- In-line 5 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 $2\frac{3}{16}$ 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: Powder Coat Green - **12-3104-0000**
Powder Coat Tronair Blue - **12-3104-0000SP**

With Booster Includes Standard Features:

- 2,200 psi (151.7 bar) oxygen intensifier (booster)
- Intensifier (booster) automatically shuts down when the aircraft reaches set pressure

Accessories:

- **K-3543** - Extended Bottle Stop
- **PC-1124** - 200 cu ft certified bottle (empty)



**20-4505-7000
Booster Instrument Panel**



**20-4504-7000
Instrument Panel**

See pages 55 for adapters



Specifications:

Model Number	Booster	Length in (cm)	Width in (cm)	Height in (cm)	Weight 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 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:

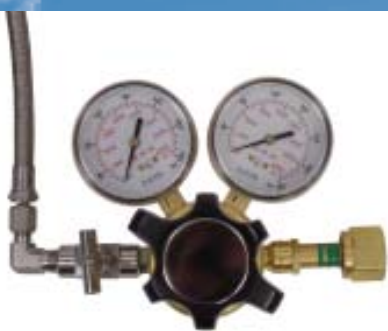
Model: 20-4500-7000

- 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
- 15 ft (4.6 m) #4 stainless steel braided hose with 37° JIC female swivel connector
- In-line 5 micron nominal filter
- Booster automatically shuts down when aircraft reaches set pressure
- Finish: Powder Coat Green - **12-3104-0000**
Powder Coat Tronair Blue - **12-3104-0000SP**
- Dimensions:
 - Length: 25 in (64 cm)
 - Width: 16 in (41 cm)
 - Height: 19 in (48 cm)
 - Weight: 80 lb (36 kg)



20-4500-7000

Oxygen Pressure Regulators & Adapters



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

Mobile 4 US Ton Air Conditioning Environment Control Cart

Standard Features:

- Cooling capacity 48,000 Btu/hr output
- 1,600 cfm maximum air flow
- Refrigerant type R-22 is environmentally safe
- Hermetic compressor belt driven with over current and over temperature protection
- 4,000 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
- Sturdy welded frame with 16 gauge sheet metal cabinet
- Noncorrosive, sloped condensation drain pain, meets ASHRAE 62-89 (IAQ) standard
- Trailer mounted - Finish: Black
- Finish: Acrylic Enamel Gray

Available Option:

- **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. 17A7503-7000)

Additional Standard Features:

Model: 17-7503-7000 AC Plug-in

- 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

Voltage Chart for eighth character (e.g. 17-7503B7000)

Option	Electrical	AMPS with out heater	AMPS with 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

Model: 17-7505-7000 Gasoline

- 20 HP Honda engine
- 13 gal (49.2 l) tank with run time of 8 hours
- 240/1 phase, 13.5 kW AC output



Specifications:

Model Number	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
17_7503_7000	96 (244)	61 (156)	63 (160)	1,200 (544)
17_7505-7000	132 (335)	61 (156)	64 (163)	1,950 (885)

Cabin Pressurization Test Unit

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
- Four swivel casters with 8 in (20.3 cm) hard rubber tires, foot brakes, and swivel locks
- Finish: Powder Coat Tronair Blue

Note: SCFM to ACFM conversion could reduce flow by 10%



15_7603-1000

Adapter 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

Voltage Chart for third character (e.g. 15A7603-1000)

Option	Electrical (60 Hz)
A	208V/60Hz/3ph
B	230V/60Hz/3ph
C	380V/60Hz/3ph
D	460V/60Hz/3ph
E	575V/60Hz/3ph

Option	Electrical (50 Hz)
F	200V/50Hz/3ph
G	220V/50Hz/3ph
H	380V/50Hz/3ph
J	415V/50Hz/3ph
K	440V/50Hz/3ph

Specifications:

Model Number	Flow Rate scfm	Rate of Climb Indicator ft/min (cm/sec)	Pressure Relief Valve Set At psi (bar)	Length in (cm)	Width in (cm)	Height in (cm)	Weight 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	0-70	0-4,000 (0-2,032)	9 (.62)	70 (178)	48 (122)	49 (125)	1,100 (499)

Portable Cabin Pressurization Test Unit

Standard Features:

Model: 15-7605-6000

- 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
- 1½ 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
- 0 to 15 psi (0 to 0.97 bar) output range
- Pressure relief valve set at 15.5 psi (0 to 1.0 bar)
- Output and cabin pressure 0 to 15 psi (0 to 1.03 bar) certified gauges
- Door seal pressure 0 to 30 psi (0 to 2.07 bar) certified gauge
- 0 to 200 scfm flow range
- 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
- Dimensions:
Length: 27.5 in (70 cm)
Width: 29 in (74 cm)
Height: 29 in (74 cm)
Weight: 85 lb (39 kg)

Adapter 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



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 Unit

Standard Features:

Models: 112820C, 112820C1, 112820C2

- Engine operates with Diesel or Jet A Fuel
- Provides 28.5 VDC supply in a rugged, compact maneuverable unit
- Cable head sensing output voltage drop compensation ensures full power is provided to aircraft
- Cable head sensing interlock
- Large cable trays for easy cable stowage
- 30 ft (9.1 m) output cable
- Large digital display voltmeter and ammeter
- Reduced noise levels via 2" sound insulating foam
- Alternator excitation test button
- 24 volt control and starting circuitry for easy starting
- 2,000 amp peak, 800 amp output
- High efficiency single bearing alternator
- Adjustable peak output current limiting control
- Hand actuated rear drum brakes
- Tier II Cummins Engine
- Fifth wheel steering
- Large access doors
- Fire extinguisher
- Weather resistant steel canopy
- Finish: Powder Tronair Blue

Additional Features:

Model: 112820C1

- Running lights
- No fuel shut-off

Additional Features:

Model: 112820C2

- Running lights
- No fuel shut-off
- Alternator/fan belt failure shut-off
- Low coolant switch

Additional Features:

Model: 112820CS

- Skid mounted, suitable for fixed or truck mounted applications



112820C

Specifications:

Model Number	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
112820C	96.5 (245)	66.25 (168)	61 (155)	2,900 (1,315)
112820C1	96.5 (245)	66.25 (168)	61 (155)	2,900 (1,315)
112820C2	96.5 (245)	66.25 (168)	61 (155)	2,900 (1,315)
112820CS2	84.25 (214)	40.25 (102)	49 (124)	2,900 (1,315)

28.5 VDC Ground Power Unit

Standard Features:

- 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
- 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
- Finish: Powder Coat Tronair Blue



11-6644C1010

Specifications:

Model Number	Fuel	Engine	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
11-6644C1010	Gasoline	Kohler	60.5 (154)	47.2 (120)	46 (116)	1200 (544)

28.5 VDC Solid State Rectifiers

Standard Features:

- 3 position current limit control with DC On/Off switch
- Adjustable voltage control from 20 to 31 volts DC
- 115 VAC duplex service receptacle with circuit breaker
- 11_6665 Series Models - for more sensitive aircraft
Low voltage ripple filter <786 MVpp below 1000 Hz
<3.2Vpp above 1000 Hz
- Input voltage range 200-575 +/- 10% 50/60Hz
- **Input:**
Voltage 200 - 575V +/- 10%
Power 20 KVA
Phase 3
Frequency 50/60 Hz
- **Output:**
Voltage (adjustable) 20 to 31 Volt DC
Current Limit (adjustable) .. 900/1200/1500/2000
max amps DC
Continuous Power 600 amps at 28.5 VDC
Intermittent 2000 amps
Reverse Current Protected
- **Thermal Protection:**
Cooling Fans On continuous
Input Circuit Breaker Trip.... At transformer coil temp of
356° F (180° C) and
heat sink temp of
239° F (115° C)

11_6665 Series Models - for more sensitive aircraft

- Low voltage ripple filter <786 MVpp below 1000 Hz
<3.2Vpp above 1000 Hz



- Illuminated instrument panel
- Foot brake
- Large 9 in (23 cm) rubber rigid and swivel casters
- 20 ft (6.1 m) output cable with AN2551 aircraft DC connector (on mobile units)
- Sturdy all weather IP54 enclosure with power cord and DC cord hangers
- Dual output cables (optional)
- 50 ft (15.2 m) or 100 ft (30.5 m) input cable (optional)
- Finish: Powder Coat Desert Sand
- Dimensions:
Length: 59 in (150 cm)
37.5 in (95 cm) without cord hanger
Width: 29.6 in (75 cm)
Height: 43.5 in (110.5 cm)
Weight: 595 lb (270 kg) 600 amp

Voltage Chart for third character (e.g. 11B6647-1000)

Option	Electrical
A	200-230V
B	380-415V
C	440-480V
D	575V



Specifications:

Mobile		Stationary					
Model Number no input cable	Model Number 50 ft input cable	Model Number no input cable	Output Amps Continuous/Peak	200V to 230V	Input Amps 380V to 415V	440V to 480V	575V
11_6647-1000	11_6647-1010	11_6655-1000	600/2000	56	29	24	21
11_6665-1000	11_6665-1010	NA	600/2000	56	29	24	21

_ See voltage chart

400 Hz AC Solid State Power Unit

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: 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 no input cable	Model Number with 50 ft input cable	Model Number no input cable	Rating KVA	Input Amps	
				380V	480V
11_6648-1000	11_6648-1010	11_6656-1000	20	22	18
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_6653-1000	*11_6653-1010	*11_6661-1000	*60	81	68
	11_6663C1010		120	153	128

* Dual Unit - includes 28 VDC, 600 A continuous, 2000 A peak

_ See voltage chart

24 VDC Battery Cart

1,000 Amps Peak

Standard Features:

Model: 11-6602-1000 Battery Cart

- 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: Powder Coat Tronair Blue
- Dimensions:
 - Length: 33 in (84 cm)
 - Width: 35 in (89 cm)
 - Height: 24 in (61 cm)
 - Weight: 465 lb (211 kg)



11-6602-1000



Battery Charger

92-0552-9000 60 Hz

92-0552-9001 50 Hz

Nickel Cadmium Battery Charger/Analyzer

Standard Features:

Model: 11-6602-1000 Battery Cart

- 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

- Dimensions:
 - Length: 19 in (48 cm)
 - Width: 20 in (51 cm)
 - Height: 15 in (38 cm)
 - Weight: 120 lb (54 kg)



11-6610-6000

Standard Features:

Models: 07-3000-1921, 07-3000-1921-A3

- 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
- 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
- Totalizer - measures in liters **07-3000-1921-A3 only**
- Finish: Powder Coat Tronair Blue
- Dimensions:
 - Length: 25 in (64 cm)
 - Width: 34 in (86 cm)
 - Height: 41 in (104 cm)
 - Weight: 140 lb (63 kg)



07-3000-1921

Fuel Sample Test Tools



Specifications:

Model Number	Bits	Fluid Capacity oz (l)	Rim Diameter in (cm)	Length in (cm)	Weight 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)
*07-3006-6900	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)

*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
07-8017-6000	Fuel Drain Valve Tool	07-8066-4000	Fuel Boost Pump Valve Door Puller
07-8018-4000	Pressure Relief Fuel System Test Tool	07-8091-6000	Digital Fuel Quantity Test Unit
07-8019-4000	Fuel Boost Pump Ring Wrench	07-8092-6000	Digital Fuel Quantity Test Unit

Ram Air Turbine (RAT) Test Equipment

AIRBUS RAT Standard Features:

Models: 13-6600-3600 (A318, A319, A320, A321, A330, A340 serial number 1047 and later)

Replaces: AGE-11212 Ground Check Unit **89415Z** Flow Control Test Unit

13-6601-3600 (A318, A319, A320, A321, A330, A340 serial number 1047 and later)

Replaces: AGE-11212 Ground Test Tool and AGE-10600 Ground Check Unit
89415Z Flow Control Test Unit

- 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 test performance
- Smooth operating flow control valve provides accurate RAT flow control during testing
- 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: Powder Coat Desert Sand
- Dimensions:
 - Length: 48 in (122 cm)
 - Width: 23 in (58 cm)
 - Height: 57 in (145 cm)
 - Weight: 600 lb (272 kg)



RAT



13-6600-3600

AIRBUS A380 RAT and BOEING 787 RAT Standard Features:

Model: 13-6606-6600 (A380 Ground Check Unit)

Model: 13-6609-6600 (787 Ground Check Unit)

- The hydraulic motor provides power and speed capabilities consistent with the requirements of the ground checkout procedures
- 5,000 psi (345 bar) maximum pressure
- 1 in (25.4 mm) x 20 ft (6.1 m) long pressure supply hose
- 1.5 in (38.1 mm) x 20 ft (6.1 m) long return hose
- The heavy duty case may be used for easy shipping and storage



13-6606-6600

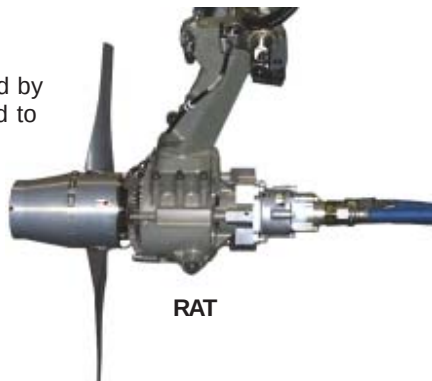
RAT

EMBRAER ERJ-170 to ERJ-195 RAT Standard Features:

Model: 13-6604-6600

Replaces: AGE-13604

Ground Test Motor Tool powered by a suitable hydraulic cart, is used to back drive the RAT during ground checkout. Includes hydraulic cart (GSE) mating coupling halves



RAT

Model: 13-6605-6000

Replaces: AGE-13603

Actuator Adjustment Tool is for adjustment of the RAT actuator arm



HYDRAULIC POWER (ATA-29)

- | MANDATORY INFORMATION | | | | | | | | OPTIONS (alphabetical order) | | | | | | | |
|-----------------------|--|--|--|--|--|--|--|------------------------------|--|--|--|--|--|--|--|
| 5 | | | | | | | | | | | | | | | |

HYDRAULIC
POWER
UNIT

Hydraulic Power Units

Quick Select Chart

MODEL BY FLUID TYPE

MIL-PRF-5606	MIL-PRF-83282	Skydrol/Hyjet	MIL-PRF-87257	Available Options
6 GPM (23 LPM) & 1,750 PSI (121 BAR), 3 HP, Series 50				Page 67
50100	50200	50300	N/A	A, C, D, F, K, P, T, W, X
N/A	5F200	N/A	N/A	A, F, K, W, X
6 GPM (23 LPM) & 3,000 PSI (207 BAR), 5 HP, Series 51				Page 67
51100	51200	51300	N/A	A, C, D, F, K, M, T, W
N/A	5B200	N/A	N/A	A, C, D, F, K, M, W
10 GPM (38 LPM) & 3,000 PSI (207 BAR), 15 HP, Series 52				Page 68
52100	52200	52300	52400	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)
11 GPM (42 LPM) & 5,000 PSI (345 BAR), 25 HP, Series 53				Page 68
53100	53200	53300	53400	B, C, D, E, F, G, H, I, J, K, L, M, N, Q, R, S, V,
				T (Phosphate Ester ONLY)
15 GPM (57 LPM) & 3,500 PSI (241 BAR), 25 HP, Series 54				Page 68
54100	54200	54300	54400	B, C, D, E, F, G, H, I, J, K, L, M, N, Q, R, S, U, V, Y,
				T (Phosphate Ester ONLY)
20 GPM (75.7 LPM) & 4,000 PSI (207 BAR), 30 HP, Series 5J				Page 68
5J100	5J200	5J300	5J400	B, C, D, E, F, G, H, I, J, K, L, M, Q, R, S,
				T (Phosphate Ester ONLY)
25 GPM (95 LPM) & 5,000 PSI (345 BAR), 75 HP, Series 55				Page 70
55100	55200	55300	55400	B, C, H, I, J, L, M, N
34 GPM (129 LPM) & 3,500 PSI (241 BAR), 40 HP, Series 56				Page 70
56100	56200	56300	56400	B, C, G, H, I, J, L, M, N, U, Y
34 GPM (129 LPM) & 3,500 PSI (241 BAR), 75 HP, Series 57				Page 70
57100	57200	57300	57400	B, C, H, I, J, L, M, N, U, Y
50 GPM (189 LPM) & 3,500 PSI (241 BAR), 100 HP, Series 58				Page 72
*58100	*58200	*58300	*58400	B, C, H, I, J, L, M, N
50 GPM (189 LPM) & 5,000 PSI (345 BAR), 150 HP, Series 59				Page 72
*59100	*59200	*59300	*59400	B, C, H, I, J, L, M, N
65 GPM (246 LPM) & 3,500 PSI (241 BAR), 150 HP, Series 5A				Page 72
*5A100	*5A200	*5A300	*5A400	B, C, H, I, J, L, M, N
65 GPM (246 LPM) & 5,000 PSI (845 BAR), 150 HP, Series 5L				Page 72
*5L100	*5L200	*5L300	*5L400	B, C, H, I, J, L, M, N

* Available with Soft Start, see ordering instructions on page 66

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

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

It is the responsibility of the purchaser to specify CE compliance if required

Ground Hydraulic Power Stand

Standard Features:

Model: 13-6603-6000

- 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
- Dimensions:
 - Base: 36 in square (91.4 cm)
 - Height: 56 in (142.2 cm) collapsed
66 in (167.6 cm) extended
 - Weight: 112 lb (50.8 kg)

13-6603-6000



5B, 5C, 5D, 5E, 5F, 5G, 5H, 5P & 5Q Series Special Purpose Hydraulic Power Unit

Specifications:

Series	Manufacturer/Aircraft	Fluid	Pressure Max psi (bar)	Flow Max gpm (lpm)	Flow at Rated Pressure gpm (lpm)	Motor hp (kw)	Weight 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	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 IVSP, VSP,	Skydrol or Hyjet	3500 (241)	34 (129)	31.2 (118)	75 (56)	3500 (1588)
	G400-G500						
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	MIL-PRF-5606	3500 (241)	25 (95)	16.6 (63)	40 (30)	3500 (1588)

NOTE: 5B20 - For Citation III, VI, VII Reservoir selector valve, pyrometer and return sight glass standard
5F20 - For CitationJet Reservoir overflow hose and return sight glass standard, no selector valve

50 & 51 Series Hydraulic Power Unit

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: Powder Coat Tronair Blue

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 68 for option description)
- **Input Voltage** (Required) - *(see page 66)*
- **Protective Cover**
50 Series - H-1338
51 Series - H-1339
- **Coupling Kits** - *(see pages 77 to 79)*
- **Unit Self Servicing Kit** - Part Number K-3590 (MB)
 Part Number K-3591 (PE)

50 Series



51 Series



Specifications:

Series	Pressure Max psi (bar)	Gauge Max psi (bar)	Motor hp (kW)	Length in (cm)	Width in (cm)	Height in (cm)	Weight 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 Unit

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 oil 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 flow meter
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: 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, Q, R, S, T
52 Series - A, B, C, D, E, F, G, H, I, J, K, L, M, Q, R, S, T
53 Series - B, C, D, E, F, G, H, I, J, K, L, M, Q, R, S, T
54 Series - B, C, D, E, F, G, H, I, J, K, L, M, Q, R, S, T, U, V
(see page 68 for option description)
- **Input Voltage** (Required) - (see page 66)
- **Coupling Kits** - (see pages 77 to 79)



54 Series



Key for Performance Curves:

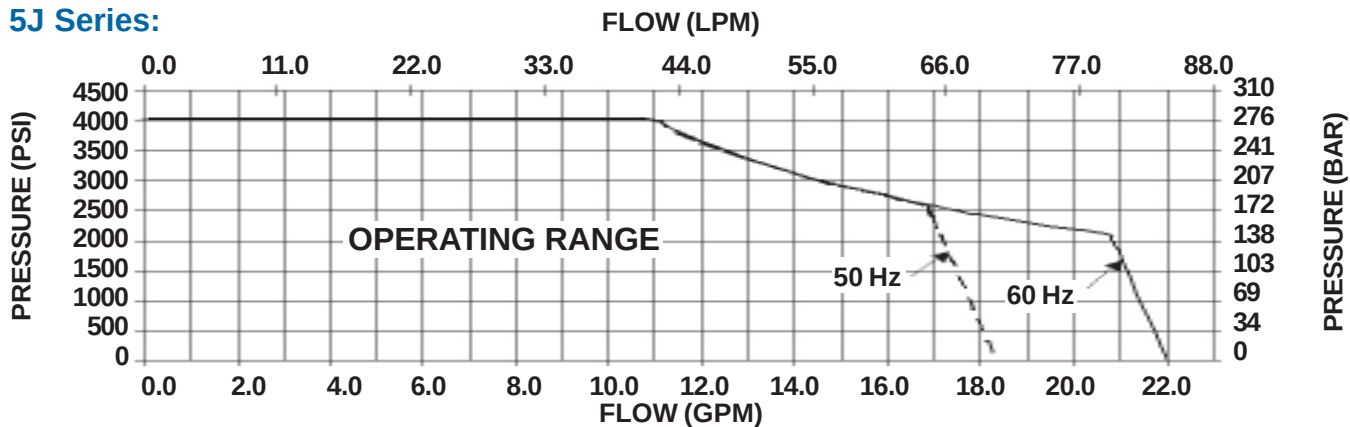
KEY: — — — — — = 50 Hz
————— = 60 Hz

Specifications:

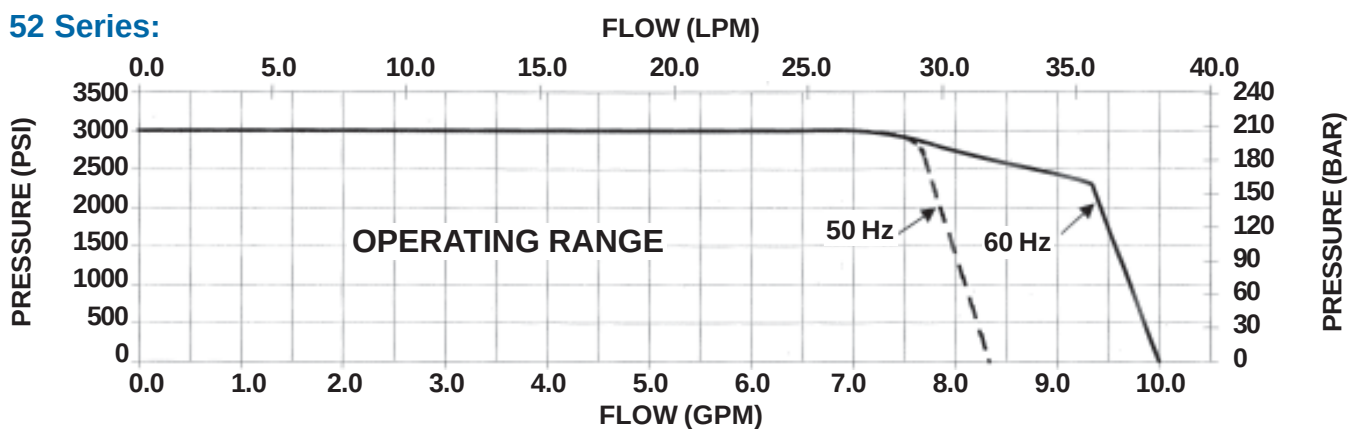
Series	Pressure psi (bar)	Pressure Gauge Max psi (bar)	Motor hp (kW)	Pump Pressure 50 Hz gpm (lpm)	Pump Pressure 60 Hz gpm (lpm)	Pressure Hose size	Return Hose size	Weight lb (kg)
5J	250-4000 (17-276).....	6000 (410)	30 (22)	16.7 (63)	20 (76).....	12 (3/4")	16 (1")	1650 (748)
52	750-3000 (52-207)	5000 (345)	15 (11)	8.3 (31.4)	10 (37.8)	8 (1/2")	12 (3/4")	1200 (544)
53	750-5000 (52-345)	7500 (515)	25 (19)	9 (34.6)	11 (41.6)	8 (1/2")	16 (1")	1450 (658)
54	750-3500 (52-241)	6000 (410)	25 (19)	12 (47.3)	15 (56.7)	12 (3/4")	16 (1")	1450 (958)

5J, 52, 53 & 54 Series Performance Curves

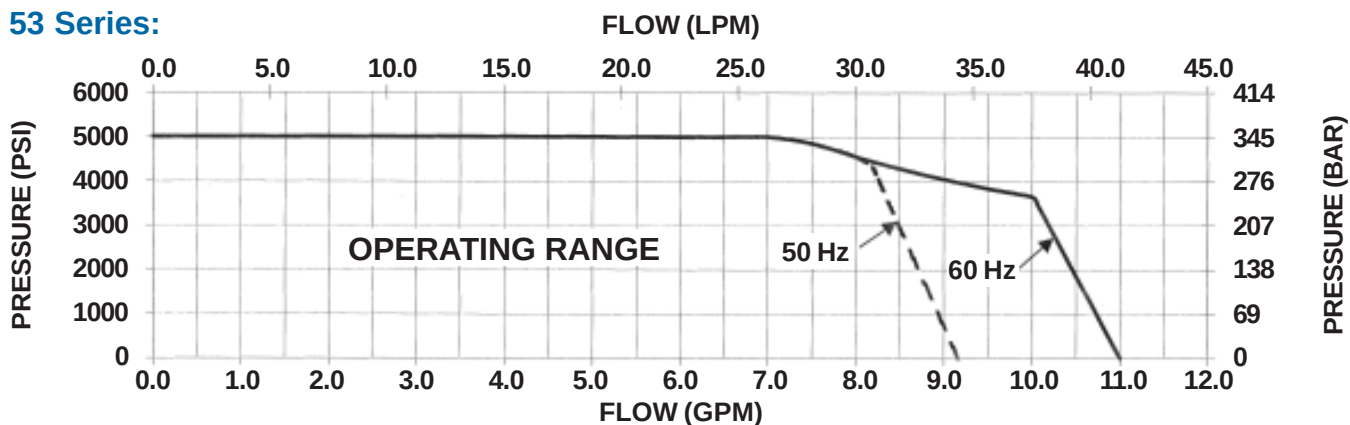
5J Series:



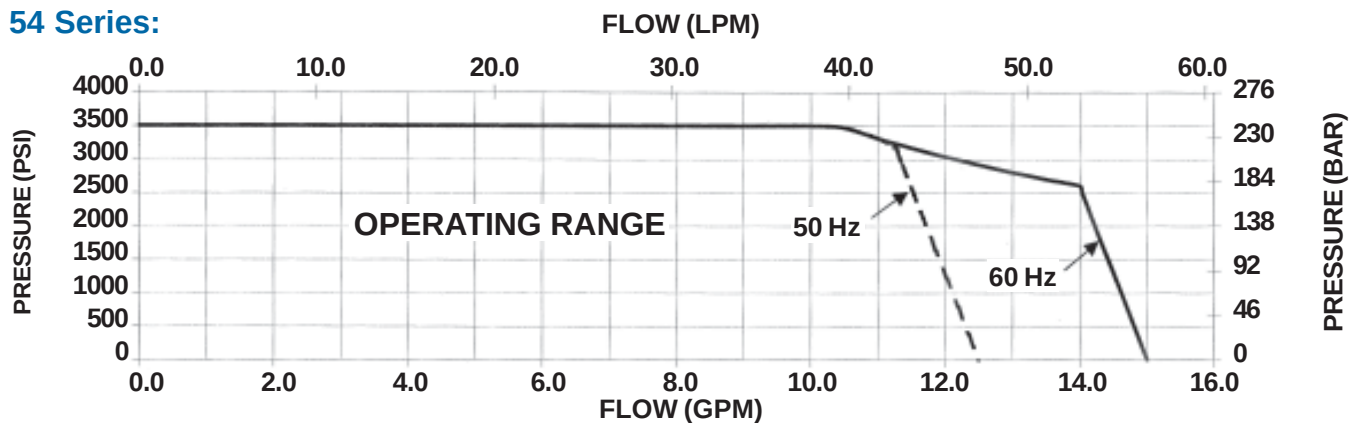
52 Series:



53 Series:



54 Series:



55, 56 & 57 Series Hydraulic Power Unit

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 oil 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
- 30-240° F (0-115° C) dual scale pyrometer
- Hourmeter
- Finish: 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 68 for option description)
- **Input Voltage** (Required) - (see page 66)
- **Coupling Kits** - (see pages 77 to 79)



Key for Performance Curves:

KEY: — — — — — = 50 Hz
 ————— = 60 Hz



57 Series

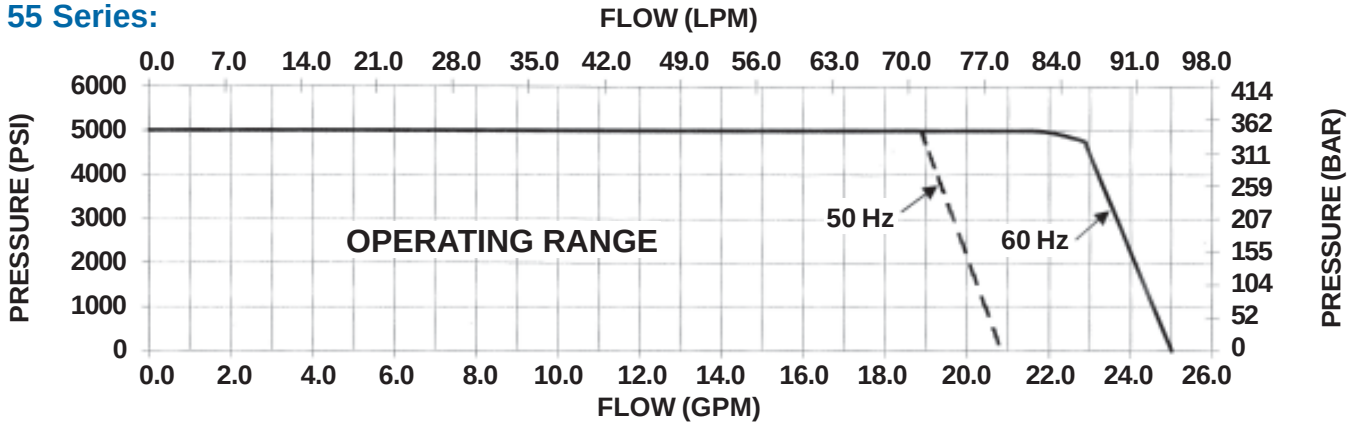
Specifications:

Series	Pressure psi (bar)	Pressure Gauge Max psi (bar)	Motor hp (kW)	Pump Pressure 50 Hz gpm (lpm)	Pump Pressure 60 Hz gpm (lpm)	Pressure Hose size	Return Hose size	Weight lb (kg)
55	250-5000 (17.2-345)	7500 (515)	75 (56)	20 (78)	25 (94.6)	12 (1¼")	20 (1¾")	3500 (1588)
56	250-3500 (17.2-241)	6000 (410)	40 (30)	28 (107)	34 (129)	16 (1")	24 (1½")	3150 (1430)
57	250-3500 (17.2-241)	6000 (410)	75 (56)	28 (107)	34 (129)	16 (1")	24 (1½")	3500 (1588)

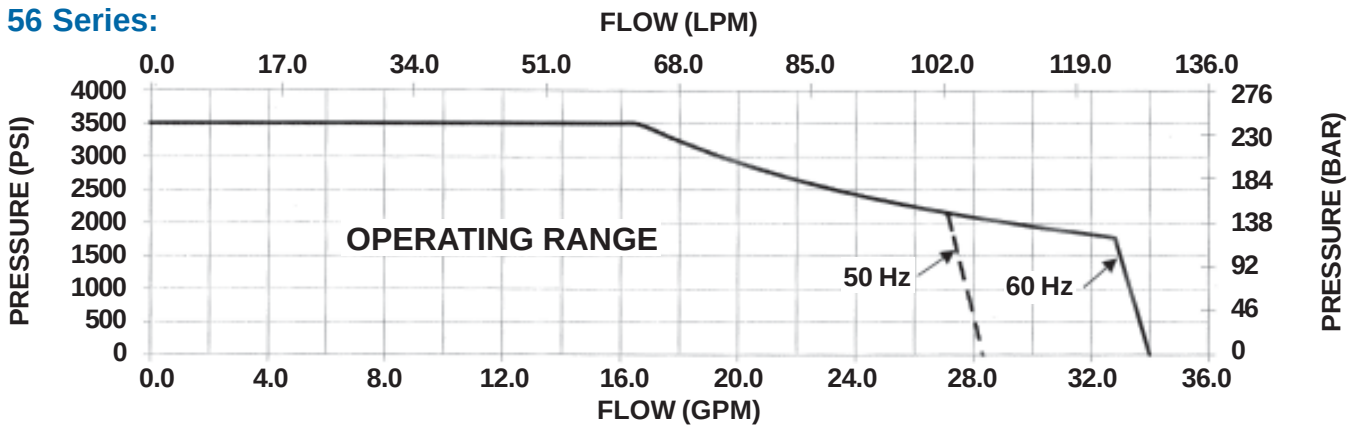
55, 56 & 57 Series Performance Curve

KEY: - - - - - = 50 Hz ————— = 60 Hz

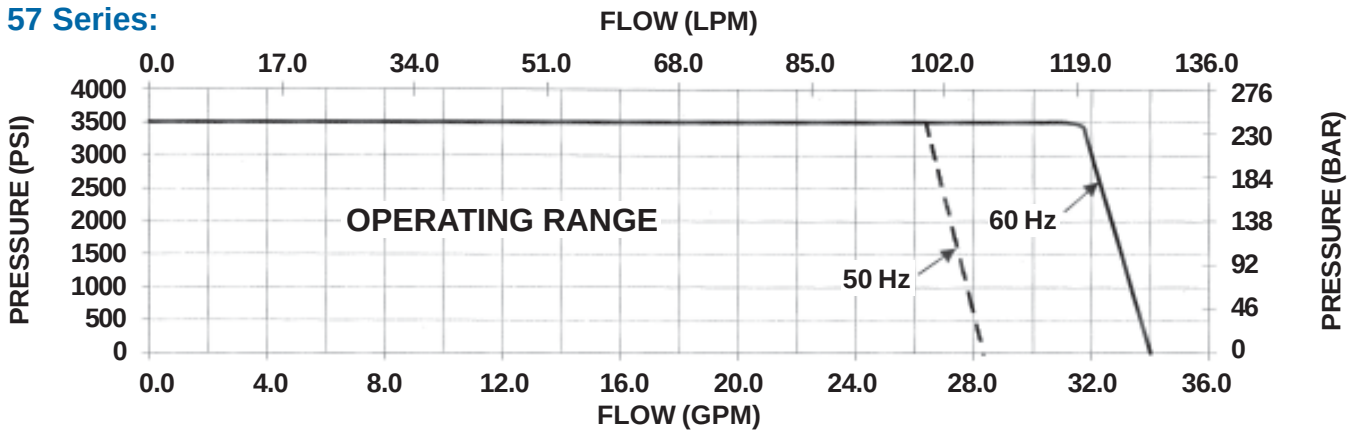
55 Series:



56 Series:



57 Series:



5A, 5L, 58 & 59 Series Hydraulic Power Unit

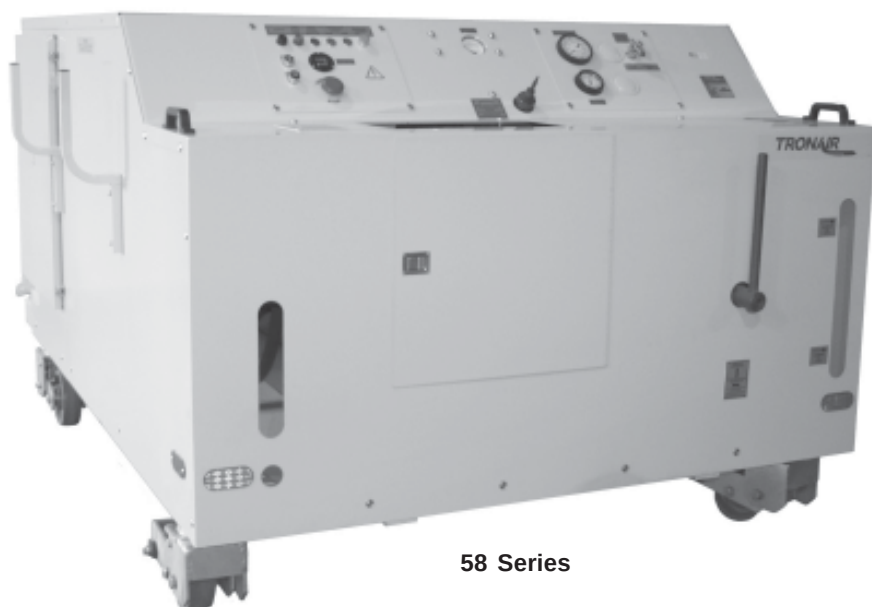
Standard Features:

- 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
- 30-240° F (0-115° C) dual scale pyrometer

- Hourmeter
- Electric Soft Start (optional)
- Finish: Powder Coat Tronair Blue
- 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 68 for option description)
- **Input Voltage** (Required) - (see page 66)
- **Coupling Kits** - (see pages 77 to 79)



58 Series



Key for Performance Curves:

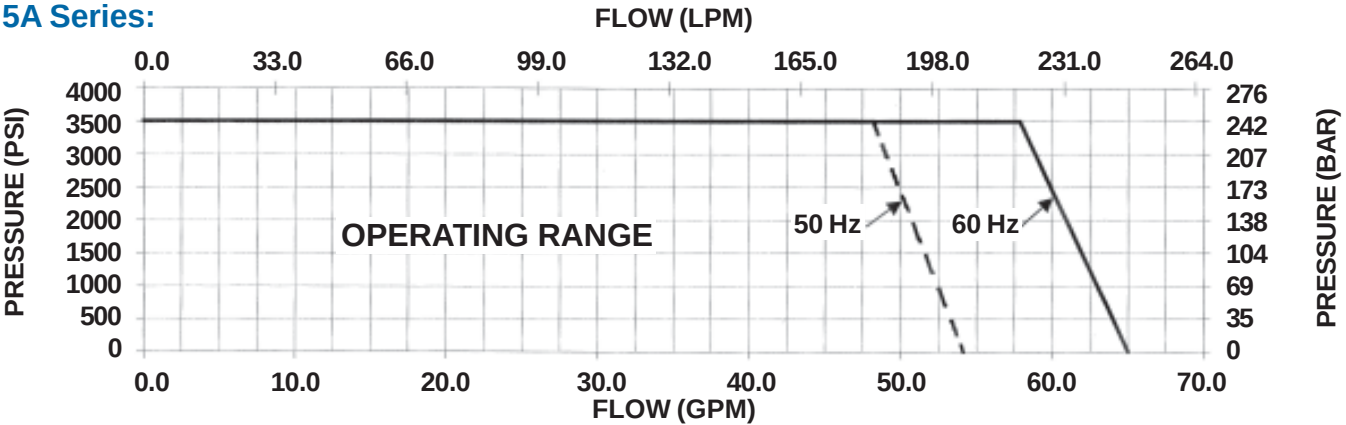
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 ————— = 60 Hz

Specifications:

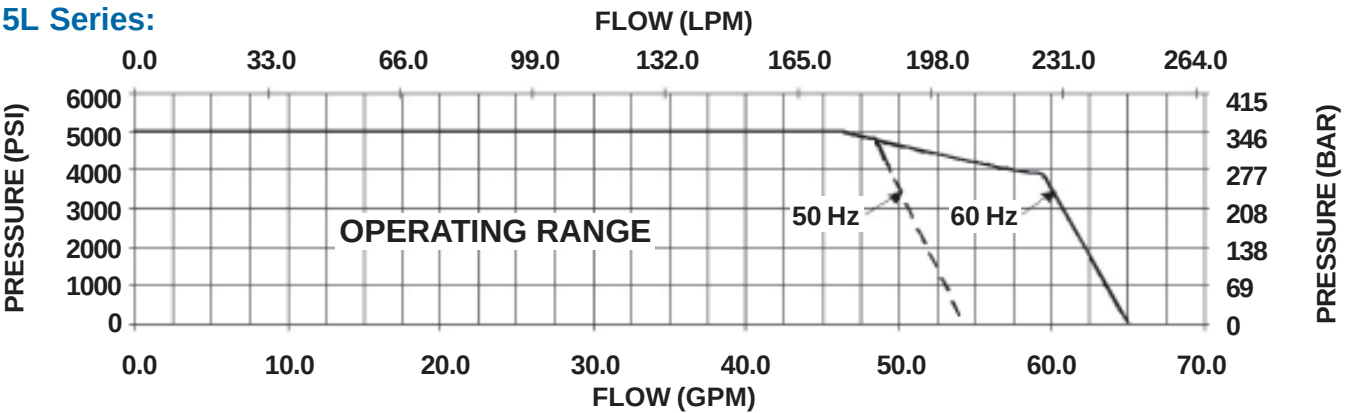
Series	Pressure psi (bar)	Pressure Gauge psi (bar)	Motor hp (kW)	Pump Pressure 50 Hz gpm (lpm)	Pump Pressure 60 Hz gpm (lpm)	Pressure Hose size	Return Hose size	Weight lb (kg)
5A	150-3500 (10.3-241)	6000 (410)	150 (112)	54 (205)	65 (264)	20 (1 1/4")	32 (2")	6500 (2948)
5L	150-5000 (10.3-345)	7500 (517)	150 (112)	54 (205)	65 (264)	20 (1 1/4")	32 (2")	6500 (2948)
58	150-3500 (10.3-241)	6000 (410)	100 (75)	41 (155)	50 (190)	16 (1")	24 (1 1/2")	6000 (2722)
59	150-5000 (10.3-345)	7500 (517)	150 (112)	41 (155)	50 (190)	16 (1")	24 (1 1/2")	6500 (2948)

5A, 5L, 58 & 59 Series Performance Curve

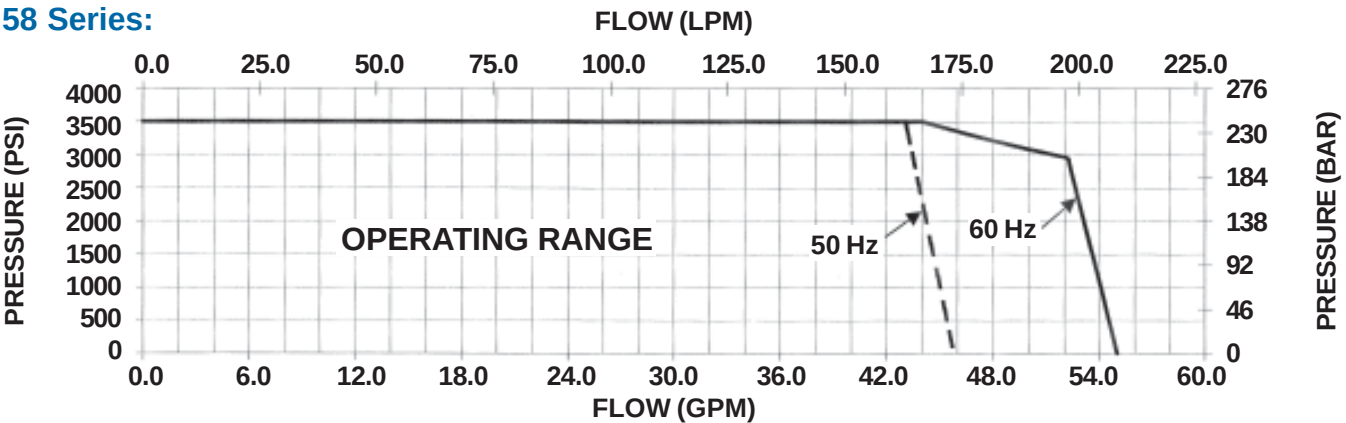
5A Series:



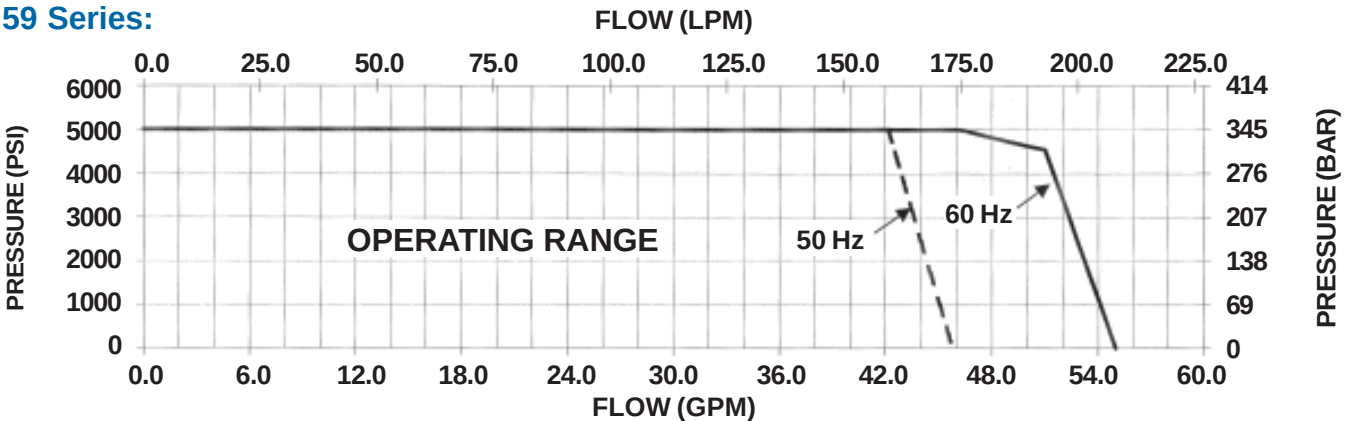
5L Series:



58 Series:



59 Series:



Hydraulic Coupling Hose Adapter Kits



KHC-1005



KHC-1011



KHC-1015

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 66)*

Kit Number	HPU Coupling Designation		Manufacturer/Aircraft
	Single	Dual	
KHC-1004	AA	EA	BAe Jetstream 31/41, Boeing Apache AH-64, Bombardier Learjet (except 45), Nihon YS-11, Raytheon Beechjet, Diamond, Premier, Sikorsky S-70, S-70L, S-76, Blackhawk
KHC-1005	AB	EB	BAe ATP, Bombardier Canadair CL-215, CL-215T, CL-415, deHavilland Buffalo, Bell 204, 205, 206, 206B3, 206L, 206LT, 206L4, 212, 214B, 214ST, 222, 230, 241, 412, 427, 430, Dassault Falcon Jet (all), Eurocopter AS 330, Lockheed Jetstar, Pilatus PC-12, Raytheon HS-125 400-800, Hawker 1000, Sabreliner (all), Sikorsky S-61, S-65
KHC-1006	AC	EC	Dornier Fairchild Merlin/Metroliner III & IV
KHC-1007	AD	ED	Gulfstream G1
KHC-1008	AE	EE	BAe 146, Cessna Citation X, Fokker F-28, Gulfstream GII-GV, G400, G500, G550
KHC-1008-A1	AF	EF	BAe 146, RJ70, RJ85, Cessna Citation X, 750, Fokker F-28, Gulfstream GII-GV, G450, G500, G550
KHC-1009	AG	EG	Boeing DC-9, MD-80, Gulfstream GII-GIV, Lockheed L-1011
KHC-1010	AH	EH	Cessna Citation I, II, V, SII, Bravo 500/501/550, Excel 560XL, Ultra, Ultra Encore 560
KHC-1011	AI	EI	Bombardier Challenger 600-604, CRJ-100/200/700/900
KHC-1012	AJ	EJ	Bombardier Canadair Challenger, RJ-100, deHavilland Dash-88 100 & 300, Global Express
KHC-1012-A1	AK	EK	Bombardier deHavilland Dash-7
KHC-1013	AL	EL	Bombardier deHavilland Dash-7
KHC-1014	AM	EM	Airbus A11, Bombardier deHavilland Dash-7
KHC-1015	AN	EN	Embraer EMB-110, 120, 121, ALX, MD900, Sino Swearingen SJ30-2
KHC-1017	AP	EP	IAI Westwind 1 & 2
KHC-1020	AQ	EQ	Sikorsky S-76 (flareless connectors)
KHC-1022	CH	GH	Lockheed C130, Grumman Tracker
KHC-1038	AR	ER	Cessna 150, 152, 172, 177, 180, 182, 185, 206, 207, 210, 310, 320, 337 Skymaster, 340, 411, 414, 421, Gulfstream Aero Commander, Turbo Commander
KHC-1042	AT	ET	Piper Aerostar, Aztec, Cherokee, Chieftan, Chyenne II & III, Comanche, Navajo, Seneca
KHC-1046	AU	EU	Cessna Citation III, VI, VII, 650
KHC-1075	AV	EV	Sikorsky S-76, Saab 340
KHC-1081	AW	EW	Eurocopter BO-105, BK-117
KHC-1084	AX	EX	Fokker F28, F100
KHC-1089	AY	EY	Augusta A109A, Mark II
KHC-1139	BA	FA	BAe 146
KHC-1151	BB	FB	Lear 55
KHC-1160	BC	FC	Boeing DC-9, MD-80 (series with one coupling)
			BAe BAC 1-11, Fokker 70, 100
			Boeing 707, 737-100 to 900, BBJ, BBJ2, DC-8, DC-9 (10-50 series with two couplings), MD-80

Hydraulic Coupling Hose Adapter Kits



KHC-1468



KHC-2199



KHC-2407

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 66)*

Kit Number	HPU Coupling Designation		Manufacturer/Aircraft
	Single	Dual	
KHC-1230	BD	FD	Shorts 330, 360
KHC-1284	BE	FE	ATR 42, 72
KHC-1306	BF	FF	Dauphin SA 365N, EC, 155
KHC-1339	BG	FG	Dassault/Falcon 900
KHC-1342	BH	FH	Bombardier Global Express, Gulfstream G100 (Astra), G200 (Galaxy), G150
			DeHavilland
KHC-1468	BJ	FJ	Airbus All, Boeing 747, 757, 767, 777, DC-9, MD-80, Lockheed L-1011, McDonnell Douglas DC-10, MD-11
KHC-1678	BK	FK	Fokker 50
KHC-1858	BL	FL	Casa CN-235, CN-295
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
KHC-3559	CQ	GQ	Bombardier Challenger 300, Embraer ERJ 170/190 -- (Parker)
KHC-3561	CM	GM	Bombardier Challenger 300, CRJ 170/190, 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-3815	CR	GR	Airbus A380 (RAT)
KHC-3827	CS	GS	Sikorsky S-92
KHC-4000	CT	GT	Agusta AB139
----	ZZ	ZZ	No Coupling

NOTE: If your aircraft is not listed contact Tronair

Hydraulic Coupling Hose Adapter Kits

Mutiple 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 66)*

HPU Coupling Designation	Kit Number (qty)	Manufacturer/Aircraft
JA	KHC-1008 (1)	BAe 146, Cessna Citation X, Fokker F-28, Gulfstream GII-GV, G400, G500, G550
	KHC-1038 (1)	Cessna, Piper
JB	KHC-1008 (1)	BAe 146, Cessna Citation X, Fokker F-28, Gulfstream GII-GV, G400, G500, G550
	KHC-1009 (1)	Boeing DC-9, MD-80, Gulfstream GII-GV, Lockheed L-1011
JC	KHC-1005 (1)	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 Saberliner, Sikorsky S-61, S-70
	KHC-1339 (1)	Dassault/Falcon 900
JD	KHC-1005 (1)	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 Saberliner, Sikorsky S-61, S-70
	KHC-1038 (1)	Cessna, Pipe
JE	KHC-2407 (1)	Bombardier Learjet 45
	KHC-2424 (1)	Bombardier Learjet 45 (Reservoir)
JF	KHC-1017 (1)	IAI Westwind
	KHC-1342 (1)	Bombardier Canadair, Global Express, IAI Astra
JG	KHC-1005 (1)	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 Saberliner, Sikorsky S-61, S-70
	KHC-1020 (1)	Sikorsky S-76
JH	KHC-1008 (2)	BAe 146, Cessna Citation X, Fokker F-28, Gulfstream GII-GV, G400, G500, G550
	KHC-1009 (1)	Boeing DC-9, MD-80, Gulfstream GII-GV, Lockheed L-1011
JI	KHC-1005 (2)	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 Saberliner, Sikorsky S-61, S-70
	KHC-1339 (1)	Dassault/Falcon 900
JJ	KHC-1005 (1)	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 Saberliner, Sikorsky S-61, S-70
	KHC-2407 (1)	Bombardier Learjet 45
JK	KHC-1004 (1)	BAe Jetstream 30 & 41, Bombardier Learjet, Hawker Beechcraft Beechjet, Diamond, Nihon YS-11, Sikorsky Blackhawk, S-76
	KHC-1005 (1)	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 Saberliner, Sikorsky S-61, S-70
JL	KHC-1005 (1)	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 Saberliner, Sikorsky S-61, S-70
	KHC-2199 (1)	Cessna CitationJet 525
JM	KHC-1075 (1)	Eurocopter BK-117, BO-105
	KHC-1306 (1)	Eurocopter Dauphin SA 365N
JN	KHC-1015 (1)	Embraer EMB-110, EMB-120, EMB-314 (ALX)
	KHC-1038 (1)	Cessna, Piper
JP	KHC-1042 (1)	Cessna Citation III, VI, VII
	KHC-2199 (1)	Cessna CitationJet 525

Hydraulic Coupling Hose Adapter Kits

Mutiple 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 66)*

HPU Coupling Designation	Kit Number (qty)	Manufacturer/Aircraft
JQ	KHC-1084 (1)	Agusta A109A, IAI Mark II
	KHC-2257 (1)	Agusta A109C
JR	KHC-1160 (1)	BAC I-II, Boeing 737-200 & 300, DC-8, DC-9 (10-50 series with two couplings), MD-80
	KHC-2078 (1)	Boeing 727-100 & 200
JF	KHC-1017 (1)	IAI Westwind
	KHC-1342 (1)	Bombardier Canadair, Global Express, IAI Astra
JG	KHC-1005 (1)	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
		Saberliner , Sikorsky S-61, S-70
	KHC-1020 (1)	Sikorsky S-76
JS	KHC-1014 (1)	Airbus All, Bombardier deHavilland Dash-7
	KHC-1468 (1)	Airbus All, Boeing 747, 757, 767, DC-10, Lockheed L-1011
	KHC-2258 (1)	Airbus All, Boeing 757, 767, DC-9, DC-10, MD, 11, MD-80, Lockheed L-1011 (CSD Overflow)
JT	KHC-1005 (1)	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
		Saberliner , Sikorsky S-61, S-70
	KHC-1075 (1)	Eurocopter BK-117, BO-105
JU	KHC-1005 (1)	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
		Saberliner , Sikorsky S-61, S-70
	KHC-2257 (1)	Agusta A109C
JV	KHC-1005 (1)	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
		Saberliner , Sikorsky S-61, S-70
	KHC-1306 (1)	Eurocopter Dauphin SA 365N
JW	KHC-1005 (1)	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
		Saberliner , Sikorsky S-61, S-70
	KHC-1008 (1)	BAe 146, Cessna Citation X, Fokker F-28, Gulfstream GII-GV, G400, G500, G550
JW	KHC-1468 (1)	Airbus All, Boeing 747, 757, 767, DC-10, Lockheed L-1011
	KHC-2078 (1)	Boeing 727-100 & 200
JY	KHC-3561 (1)	Bombardier BD-100, Embraer ERJ 170/190
	KHC-1342 (1)	IAI Astra, Bombardier Canadair Global Express, Gulfstream G200
JZ	KHC-1004 (1)	BAe Jetstream 30 & 41, Bombardier Learjet, Hawker Beechcraft Beechjet, Diamond, Nihon YS-11, Sikorsky Blackhawk, S-76
	KHC-2407 (1)	Bombardier Learjet 45
KA	KHC-3559 (1)	Bombardier BD-100 (with soft seals, Embraer ERJ 170/190
	KHC-3747 (1)	Boeing 717, Embraer 170 & 190 (ADG test ONLY)
KB	KHC-1160 (1)	BAC I-II, Boeing 737-200 & 300, DC-8, DC-9 (10-50 series with two couplings), MD-80
	KHC-1468 (1)	Airbus All, Boeing 747, 757, 767, DC-10, Lockheed L-1011
KC	KHC-4000 (1)	Agusta/Bell AB139
	KHC-4001 (1)	Agusta/Bell AB139 (Reservoir)
KD	KHC-1160 (1)	BAC I-II, Boeing 737-200 & 300, DC-8, DC-9 (10-50 series with two couplings), MD-80
	KHC-1342 (1)	IAI Astra, Bombardier Canadair Global Express, Gulfstream G200
KE	KHC-4005 (3)	Sukhoi

Hydraulic Reservoir Fill Coupling Kits

Specifications:

Kit Number	Manufacturer/Aircraft	Kit Number	Manufacturer/Aircraft
KHC-1009	Boeing 747, DC-9 10/20/30/33/40/50, MD-80 Gulfstream GII, GIII, GIV, GV, G300 (G3), G400 (G4), G500 (G5)	KHC-1339	Dassault Falcon 50, 900, 2000
KHC-1012	Bombardier Challenger, CRJ 100/200, Global Express, DeHavilland Dash-8-100/300	KHC-2014	Boeing 727-100/200, 737
KHC-1014	Airbus All Bombardier DeHavilland Dash-7	KHC-2259	Boeing DC-8
KHC-1046	Saab 340 Sikorsky S-76	KHC-2424	Bombardier Lear 45
KHC-1081	Fokker F-28, F-100	KHC-3558	Bombardier Challenger 300, CRJ700 (Parker)
KHC-1089	BAe 146	KHC-3560	Embraer ERJ 170/190 (Parker)
KHC-1107	Cessna Citation III, VI, VII	KHC-3651	Bombardier Challenger 300, CRJ 170/190 (Aeroquip)
KHC-1139	Bombardier Lear 55, 60	KHC-3748	Embraer ERJ 170/190 (Aeroquip)
		KHC-3779	Embraer ERJ-135/145
		KHC-4001	Boeing 717
		KHC-4007	Cessna Sovereign 680
			Agusta AB139
			Cessna Citation X, 750

Hydraulic CSD Fill & Engine Oil Kits

Specifications:

Kit Number	Manufacturer/Aircraft
KHC-2046	Northrup E2C Hawkeye
KHC-2173	Airbus A300 Boeing 707, 727, 737, 747, 757, 777, DC-8, DC-9, MD-80 Bombardier Challenger, CRJ 100/200, Global Express Lockheed L-1011 McDonnell Douglas DC-10, MD-11

Hydraulic CSD Overflow Kit

Specifications:

Kit Number	Manufacturer/Aircraft
KHC-2258	Airbus All Boeing 57, 767, DC-9, MD-80 McDonnell Douglas DC-10, MD-11

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
- 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

- 6,000 psi (414 bar) pressure
- Viscosity to 465 SUS (100 cSt) with single point sampler
- Carrying case
- RS232 communication port

Accessories:

- **K-2339** - In-line sensor - MIL-PRF-5606, MIL PRF-83282, MIL-PRF-87257
- **K-2340** - In-line sensor - Skydrol, Hyjet

Specifications:

Model Number	Fluid Type
06-5051-6500	MIL-PFR-5606, MIL-PRF-83282, MIL-PRF-87257
06-5051-6600	Skydrol, Hyjet



30° Thin Head Wrenches

Use to attach Hydraulic Coupling Hose Adapter Kits

- Finish: Satin Chrome



Specifications:

Model Number	Size (inches)	Model Number	Size (inches)	Model Number	Size (inches)
H-2920-01	3/4"	H-2920-09	1 1/4"	H-2920-20	1 7/8"
H-2920-03	7/8"	H-2920-12	1 3/8"	H-2920-23	2 1/8"
H-2920-05	1"	H-2920-14	1 1/2"	K-4013	Includes
H-2920-06	1 1/16"	H-2920-16	1 5/8"		All Sizes
H-2920-07	1 1/8"	H-2920-17	1 11/16"		

Fluid Test Kit

Standard Features:

PETROLEUM BASED FLUIDS

- 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	Viscosity Analysis
Photomicrograph	Water Analysis (PPM)
Spectrometric Analysis	Neutralization Analysis



K-4008

Standard Features:

AVIATION PHOSPHATE ESTER FLUID

- Fluid: Skydrol®
- 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	Particle Count
Color	Chlorine	Chemical Composition
Moisture		

®Skydrol is a registered trademark of Solutia, Inc.



K-4061

“Super Clean” Fluid Sample Bottle

Standard Features:

- Sample method instructions
- Pre-cleaned bottle
- Bottle volume: 110-120 ml



K-4062

Slat Test Unit

Standard Features:

Model: 05-7062-3600

- Designed specifically for Boeing 737
- Provides automatic sequencing through the operational range to prevent damage to slat cylinders
- Simple one button control
- Preset pressure and flow
- Connects directly to slat hydraulic line in wing root
- 25 ft (7.62 m) output hoses
- 2 micron non-bypass pressure filter
- 5 micron bypass return filter
- 15 gal (57 l) aluminum reservoir
- Hyjet/Skydrol fluid
- 3,250 psi (224 bar) pressure
- 3 gpm (11 lpm) flow
- Finish: Powder Coat Tronair Blue
- Dimensions:
 - Length: 45 in (114 cm)
 - Width: 28 in (71 cm)
 - Height: 46 in (117 cm)
 - Weight: 600 lb (272 kg)



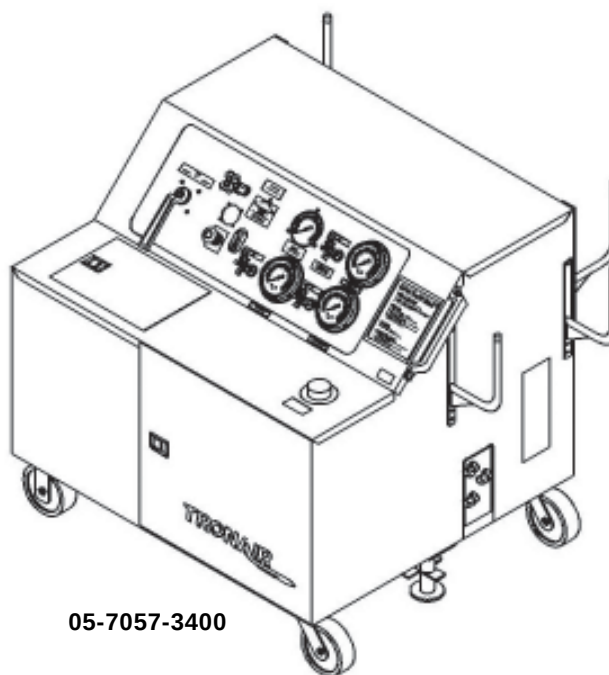
05-7062-3600

Thrust Reverser Test Unit

Standard Features:

Model: 05-7057-3400

- 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: Powder Coat Tronair Blue
- Dimensions:
 - Length: 55 in (140 cm)
 - Width: 50 in (127 cm)
 - Height: 43 in (109 cm)
 - Weight: 800 lb (363 kg)



05-7057-3400

Reservoir Service Unit For TKS Fluid

Standard Features:

Model: 09-5046-6500

- Designed specifically for TKS anti-icing fluid
- 2 micron filtration
- 7 gal (27 l) capacity
- 85 psi (5.9 bar) maximum pressure
- Safety pressure relief set at 125 psi (8.6 bar)
- 15 ft (4.6 m) standard outlet hose with 37° JIC swivel connector and instant on/off squeeze handle with #4 tube extension
- 8 in (20 cm) semi-pneumatic tires
- Corrosion resistant ASME certified stainless steel tank
- Stainless steel welded parts
- Extended neck to reach fill port
- Dimensions

Length: 13 in (33 cm)

Width: 15 in (38 cm)

Height: 42 in (107 cm)

Weight: 44 lbs (19 kg) dry



09-5046-6500

Portable Deicer

Standard Features:

Model: 09-4003-4010

- 2½ 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

Standard Features:

Models: 09-6200 Series

- 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
- 55 gal (208 l) stainless steel reservoir
- 250 psi (17 bar) maximum pressure
- 7 gpm (27 lpm) maximum flow
- 4.5 kw immersion heater
- 2 - 3 hour recovery time 60 to 180° F (16 to 82° C)
- Sturdy steel trailer with pneumatic tires
- Finish: Powder Coat Tronair Blue frame, stainless tank



09-6200-0010

Standard Features:

Models: 09-6201 Series

- 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
- 275 gal (208 l) steel reservoir with 10 in (25 cm) access cover
- 250 psi (17 bar) maximum pressure
- 7 gpm (27 lpm) maximum flow
- 11 kw immersion heater
- 4 - 5 hour recovery time 60 to 180° F (16 to 82° C)
- Sturdy steel trailer with pneumatic tires
- Finish: Powder Coat Tronair Blue frame, stainless tank

Specifications:

Model Number	Voltage	Phase	Maximum Draw Amp	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
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)
06-6200-0014	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	112½ (286)	73½ (187)	46 (117)	750 (340)
09-6201-0011	220/240	1	57	112½ (286)	73½ (187)	46 (117)	750 (340)
09-6201-0013	200/208	3	35	112½ (286)	73½ (187)	46 (117)	750 (340)
09-6201-0014	380/415	3	19	112½ (286)	73½ (187)	46 (117)	750 (340)
09-6201-0016	380/480	3	16	112½ (286)	73½ (187)	46 (117)	750 (340)

Hydraulic Beadbreaker

LANDING GEAR (ATA-32)

Standard Features:

Models: 14-6801-0120, 14A6801-0120, 14B6801-0120

- 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
- 14-6801-0120 equipped with foot pump
- 14A6801-0120 equipped with 2,500 psi (172 bar) pneumatic pump
- 14B6801-0120 equipped with 8,800 psi (607 bar) high pressure pneumatic pump
- Finish: Powder Coat Tronair Blue
- Dimensions:
 - Length: 28 in (71 cm)
 - Width: 28 in (71 cm)
 - Height: 55 in (140 cm)
 - Weight: 141 lb (64 kg)

Adapter Kit:

- **K-2540** - Air pump field installation kit

These Beadbreakers are not functional without a Beadbreaker Adapter Ring listed below

It is recommend to order 14B6801-0120 for rims 17 in (43 cm) or larger



Beadbreaker Adapter Rings

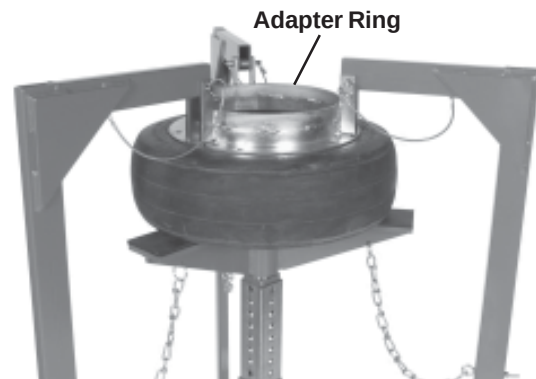
- Z-1063** - for tires without chines
- Z-1064** - for tires with chines
- Z-3072-20** - for 34 x 9.25-16 Goodyear tires
- Z-3072-22** - Dunlap wheels and **K-3729** - Dunlap rim assembly kit and disassembly kit

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



Adapter Ring in Breaking Position

For specific application go to the [TOOL & EQUIPMENT LIST](https://www.tronair.com) link at [tronair.com](https://www.tronair.com)

Pneumatic Driven Hydraulic Beadbreaker

Standard Features:

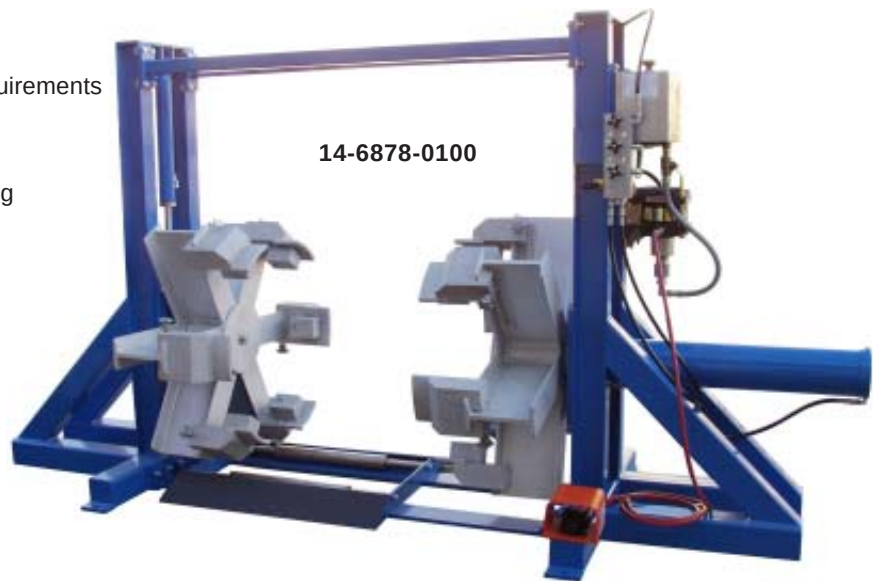
Model: 14-6878-0100

- 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
- 10 adjustable breaker pad settings eliminate the need for ring adapters
- Entry ramp and sliding rail make loading and positioning easier
- Horizontal mechanical extension from the cylinder for final width adjustment
- Adjustable to rim sizes 10 to 28 in (25 to 71 cm)
- Approved for use on radial tires
- Hydraulic force 12 ton (10,886 kg)
- 80 to 120 psi (5.5 to 8.3 bar) shop air requirements

- MIL-PFR-5606 hydraulic fluid
- Finish: Powder Coat Tronair Blue
- Dimensions:
 - Length: 114 in (290 cm)
 - Width: 40 in (102 cm)
 - Height: 63 in (160 cm)
 - Weight: 1640 lb (744 kg)

Adapter Kit:

- **K-3151** - Small Tire Adapter Kit for breaking tires 18 in (45.7 cm) or less diameter



Manual Beadbreaker

Standard Features:

Model: 14-4039-0010

- Rugged welded steel construction
- Simple to operate
- Adjustable for various tire sizes
- Rubber padded base to protect tire rims
- Finish: Powder Coat Tronair Blue
- Dimensions:
 - Length: 31 in (79 cm)
 - Width: 24 in (61 cm)
 - Height: 41 in (104 cm)
 - Weight: 31 lb (14 kg)



Wheel & Brake Dolly

Standard Features:

Model: 14-6883-0110

- 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 adapter
- 84 in (213 cm) strap assembly for securing load to dolly
- 700 lb (318 kg) maximum load capacity
- Finish: Powder Coat Tronair Blue
- Dimensions:
 - Length: 33 in (84 cm)
 - Width: 52 in (132 cm)
 - Height: 32 in (81 cm)
 - Weight: 297 lb (135 kg)

Adapter Kit:

- **K-2965** - Outboard Wheel Support, wheel extension for removing outboard wheels



14-6883-0110

Strut Service Tool

Standard Features:

Model: 14-6906-0100

- 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
- Safe and efficient
- 1,500 lb (680 kg) capacity
- Reduces the possibility of damage to the aircraft pneumatic lifting operation
- Low profile to fit under most aircraft wings
- Preferred over other methods of strut servicing
- Standard adapter fits most aircraft including Falcons, Challengers and Learjets
- Finish: Powder Coat Tronair Blue
- Dimensions:
 - Boom Lift: 6.5 to 52 in (15.9 to 132 cm)
 - Length: 77 1/4 in (196.2 cm)
 - Width: 45 5/16 in (115.1 cm)
 - Height: 33 3/4 in (85.7 cm)
 - Weight: 325 lbs (147 kg)

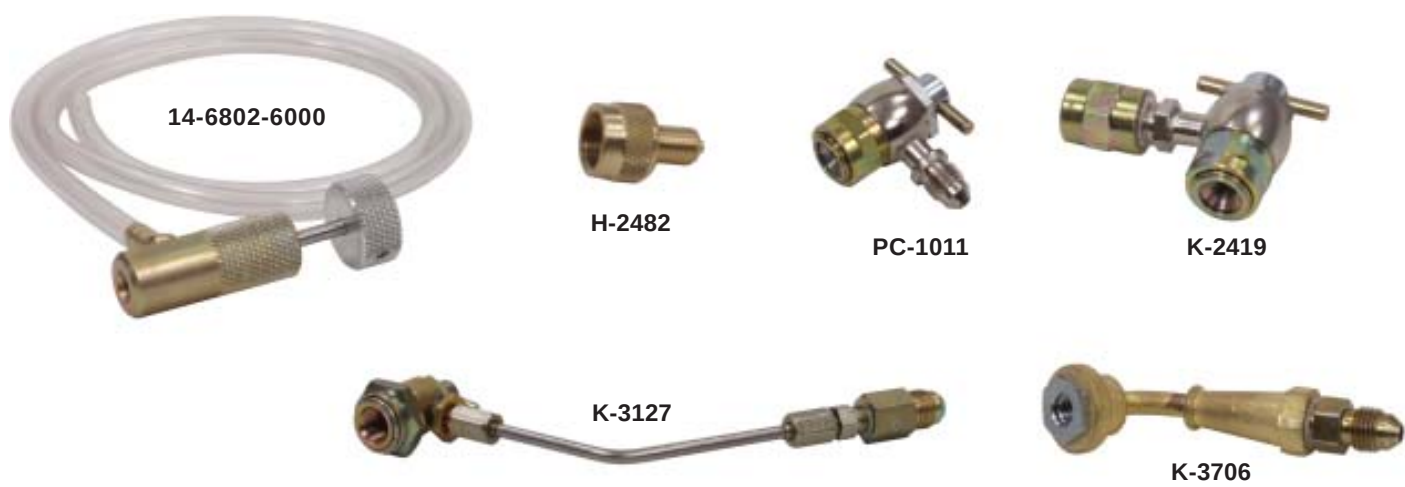
Adapter Kits:

- **K-4126** - includes kits K-4127, K-4128, K-4129, K-4130
- **K-4127** - Gulfstream GII, GIII, GIV, GIVSP, G400
- **K-4128** - Gulfstream GII, GIII, GIV, GIVSP, G400 with sleeve
- **K-4129** - Gulfstream GV, GVSP, G350, G450, G500, G550
- **K-4130** - Gulfstream GV, GVSP, G350, G450, G500, G550 with sleeve



14-6906-0100

Nitrogen Regulators, Adapters & Connectors



See pages 51 to 53 for nitrogen servicing and transportation equipment

Specifications:

Model Number	Description/Purpose	Thread	Max Pressure psi (bar)
*14-6802-6000	Tire/Strut Deflator - deflates tires and struts	N/A	N/A
14-6892-6000	Tire Deflator - tire stem removal tool and deflator	N/A	N/A
H-2482	Tire Thread Adapter - airline thread adapter	.305-32 to .482-26	300 (21)
H-2483	Dual Foot Air Inflator - checking or inflating large bore stems	.305-32 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 adapter	.305-32 to 1/8 NPTF	N/A
K-3127	Expansion Adapter Kit - airline tire service adapter with valve stem	.305-32 to .482-26	300 (21)
K-3706	High Pressure Connector - high pressure valve connector	.305-32 to -04 JIC Flare	N/A
PC-1011	High Pressure Connector - connector with valve core depressor	.305-32 to -03 JIC Flare	N/A

* Hose provided to drain aircraft struts (remove hose when using for tire service)

Certified Nitrogen Service Gauges & Regulators

Standard Features:

- Certification documents are provided with all gauges
- Service gauges protected by a rubber boot
- Service gauges are liquid filled to maintain accuracy
- All gauges require annual calibration
- Storage container standard for Service and Pressure Gauges



Specifications:

Model Number	Description/Purpose	Pressure Range		Increments
		psi	(bar)	
*14-6804-6000	High Pressure Regulator - servicing high pressure with CGA-580	0-2,500	(0-172)	200 (13.8)
*14-6829-6000	High Pressure Regulator - servicing high pressure with CGA-680	0-4,500	(310)	200 (13.8)
*14-6808-6000	Low Pressure Regulator - servicing low pressure with CGA-580	0-500	(0-34)	20 (1.4)
14-6805-6010	Strut Service Gauge - inflates struts with nitrogen	0-3,000	(0-207)	50 (3.4)
14-6831-6010	Strut Service Gauge - inflates & deflates struts with nitrogen	0-3,000	(0-207)	50 (3.4)
14-6884-6000	Strut Service Gauge - inflates & deflates struts with nitrogen	0-3,000	(0-207)	50 (3.4)
14-6895-6000	Strut Service Gauge - inflates & deflates struts with nitrogen	0-1,500	(0-103)	10 (.7)
14-6900-6000	Strut Service Gauge - inflates & deflates struts with nitrogen	0-600	(0-41)	5 (0.35)
14-6903-6000	Strut Service Gauge - inflates struts with nitrogen	0-3,000	(0-207)	50 (3.4)
	Strut Service Gauge - inflates struts with nitrogen	0-600	(0-41)	5 (0.35)
14-6806-6011	Tire Pressure Gauge - aircraft tire pressure gauge	0-300	(0-21)	2 (0.14)
14-6807-6011	Tire Service Gauge - inflates tires with nitrogen	0-300	(0-21)	2 (0.14)
14-6830-6012	Tire Service Gauge - inflates tires with nitrogen	0-300	(0-21)	2 (0.14)
14-6833-6030	Tire Service Gauge - inflates tires with nitrogen	0-300	(0-21)	2 (0.14)
	Strut Service Gauge - inflates struts with nitrogen	0-3,000	(0-207)	Digital
14-6885-6000	Low Pressure Regulator - servicing low pressure with CGA-580	0-500	(0-34)	20 (1.4)
	Tire Service Gauge - inflates tires with nitrogen	0-100	(0-6.9)	1 (0.07)
14-6886-6000	High Pressure Regulator - servicing high pressure with CGA-680	0-4,500	(310)	200 (13.8)
	Tire Service Gauge - inflates tires with nitrogen	0-200	(0-13.8)	2 (0.14)
14-6891-6000	Tire Service Gauge - inflates tires with nitrogen	0-300	(0-21)	2 (0.14)
	Strut Service Gauge - inflates struts with nitrogen	0-600	(0-41)	5 (0.35)

* Pressure regulator gauges do not have rubber boots or liquid filled gauges
All listed service gauges are for .305-32 stems, see page 84 for .482-26 adapters

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
- 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: Powder Coat Tronair Blue



Specifications:

Model Number	Platform Height ft (m)	Raised Ht Clearance ft (m)	Platform Size ft (m)	Base Dimensions (collapsed) ft (m)	Weight lb (kg)
*04-6001-1100	3 (.9) to 12 (3.7)	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)	13.4 (4.1)	4 (1.2) x 11 (3.4)	5.8 (1.8) x 22 (6.7)	1700 (771)
04-6034-1100	7 (2.0) to 15 (4.6)		4 (1.2) x 4 (1.2)	70 (21.3) x 247 (75.3)	2070 (939)
04-6035-1100	10 (3.0) to 19 (5.8)		4 (1.2) x 9 (2.7)	96 (29.3) x 22 (6.7)	2600 (1179)

* 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
- 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: Powder Tronair Blue

Accessory:

- K-3589 - B4 to B5 conversion



Specifications:

Model Number	Type	Closed Platform Height in (cm)	Raised Platform Height ft (m)	Raised Height Clearance ft (m)	Overall Length ft (m)	Width in (cm)	Weight lb (kg)
04-6029-5111	B4	41 (104)	7.3 (2.2)	11.3 (3.4)	9 (2.7)	37 (94)	1,400 (635)
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)	66 (168)	1,500 (680)

Heavy Duty Hydraulic Utility Cranes

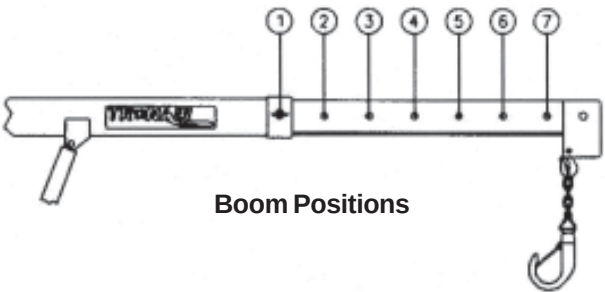
FUSELAGE (ATA-53)

Standard Features:

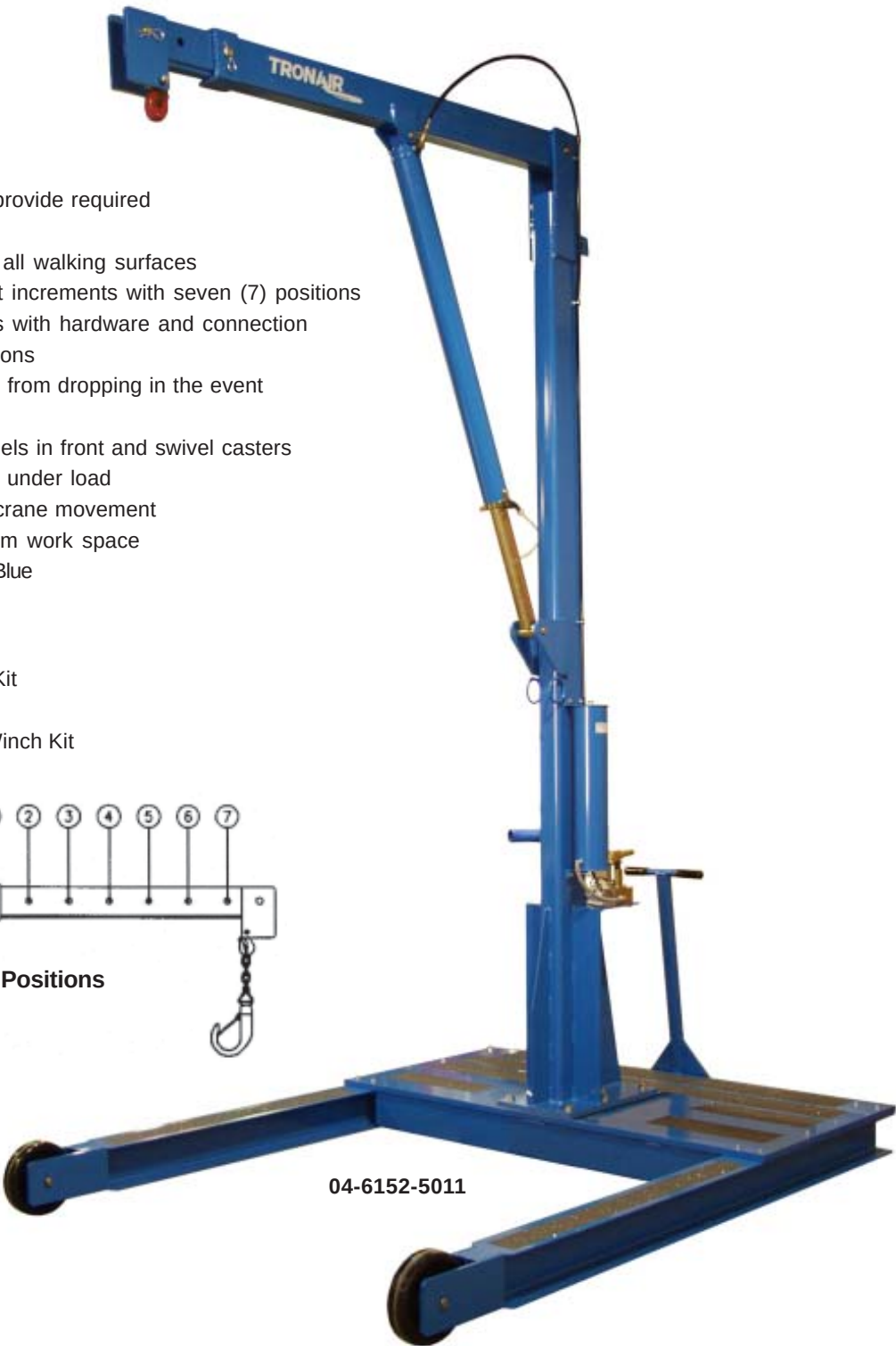
- Heavy duty base and frame provide required counterweight for safe lifting
- Anti-slip mats are placed on all walking surfaces
- 2 in (5 cm) boom adjustment increments with seven (7) positions
- Conveniently located controls with hardware and connection points to easily add field options
- Safety fuse 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: Powder Coat Tronair Blue

Accessories:

- K-2012 - Gooseneck Boom Kit
- K-2013 - Airpump Kit
- K-2953 - Heavy Duty Hand Winch Kit



Boom Positions



04-6152-5011

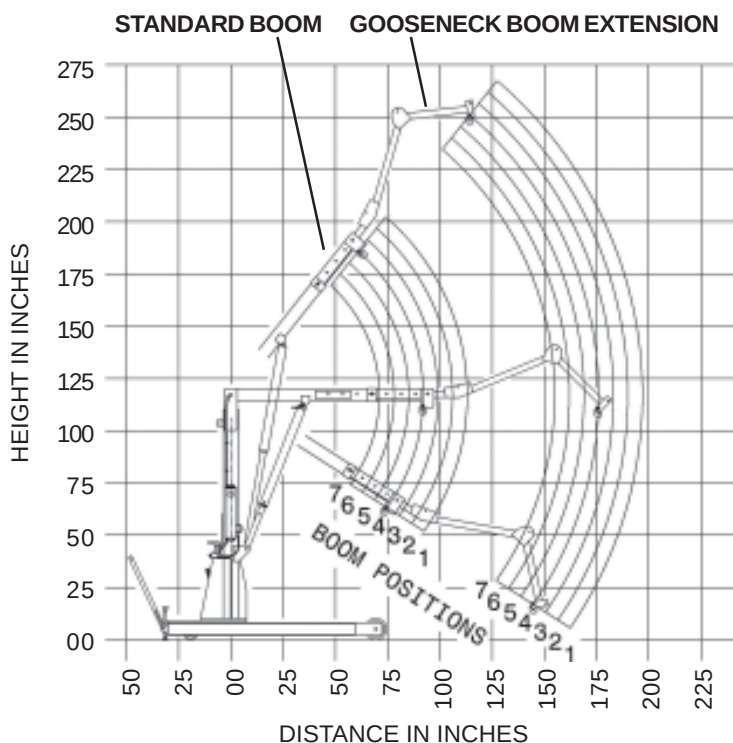
Specifications:

Model Number	Capacity lb (kg) *	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
04-6150-5010	4000 (1814)	102 (259)	78 (198)	120 (305)	1,954 (882)
04-6152-5011	2750 (1247)	102 (259)	78 (198)	156 (396)	2,156 (978)

* Without Gooseneck Boom, Position #7 (retracted)

Heavy Duty Hydraulic Utility Cranes

Crane Boom Shown in Position 4



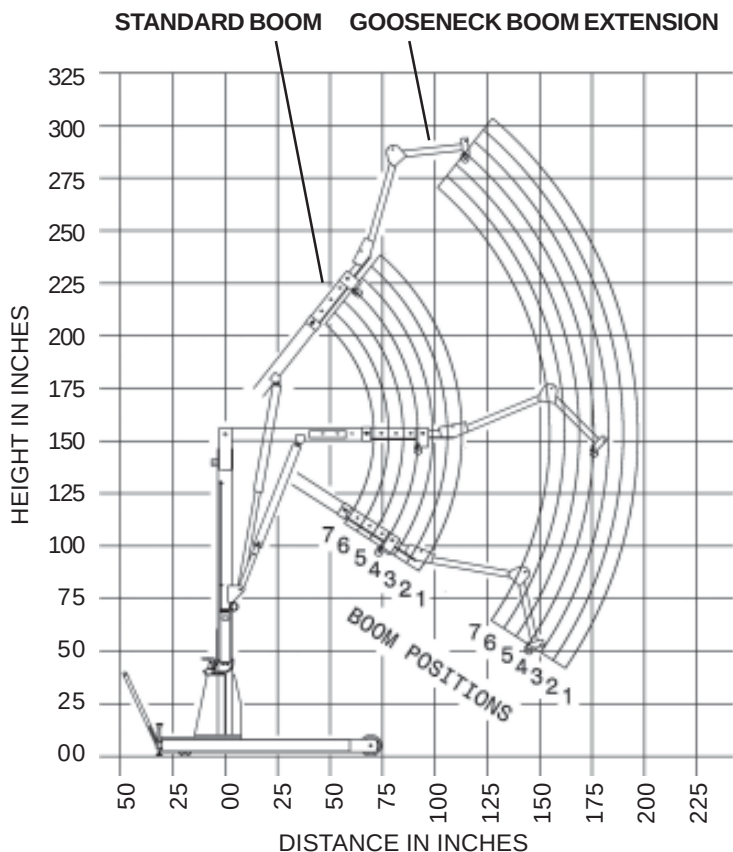
04-6150-5010

STANDARD BOOM

Boom Position	Max. Load lbs (kg)	Max. Height 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 lbs (kg)	Max. Height 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)



04-6152-5011

STANDARD BOOM

Boom Position	Max. Load lbs (kg)	Max. Height 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 lbs (kg)	Max. Height in (cm)
1	500 (227)	292 (741)
2	560 (254)	288 (731)
3	600 (272)	284 (721)
4	840 (381)	280 (711)
5	700 (318)	276 (701)
6	750 (340)	272 (691)
7	800 (363)	268 (681)

Universal Lifts

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: Powder Coat Tronair Blue

Accessories:

- **K-3057** - Crane attachment
- **K-3189** - Lear 45 wing flaps removal fixture
- **K-3712** - ERJ-135/145 battery platform
- **K-3853** - Horizon APU adapter
- **Z-4082** - Battery lifting platform



04-6028-0121

Specifications:

Manufacturer/Aircraft	Model Number	Operation	Range in (cm)	Length in (cm)	Width in (cm)	Weight lb (kg)
Embraer - ERJ 135	04-6032-0100	Hydraulic	14 (36) to 87 (221)	82 (208)	50 (127)	265 (120)
ERJ 145, Legacy						
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
- 100 lb (45 kg) maximum vertical lift **04-6014-0010**
- Finish: Powder Coat Tronair Blue



Specifications:

Manufacturer/Aircraft	Model Number	Operation	Range in (cm)	Length in (cm)	Width in (cm)	Weight 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)

Mounted Hoist

Standard Features:

- Finish: 08-0116-5000 - Yellow Enamel
08-0132-0000 & 08-0136-0010
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)



08-0136-0010

Specifications:

Model Number	Rated Work Load lb (kg)	Manufacturer/Aircraft	Usage	Length in (cm)
08-0116-5000	1,550 (703)	Bombardier Canadair CL-215T, CL-415	Engine	80 (203)
08-0132-0000	1,550 (703)	Bombardier deHavilland Dash-8 100-300	Engine	78 (198.1)
08-0136-0010	2,000 (907.2)	Bombardier deHavilland Dash-8 400	Engine	133 (337.8)
08-0137-6000	250 (113)	Bombardier Canadair CRJ-700	Components	55.5 (141)

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 adapter kits sold separately)
- Removable towbar with storage hooks
- Adapters change in minutes
- Finish: Powder Coat Tronair Blue

Adapter 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

08-2034-0010 only

- **K-3152** - Pratt & Whitney PW306A
- **K-3618** - Pratt & Whitney PW308A
- **K-3842** - Pratt & Whitney PW306C



08-2034-0010

Specifications:

Model Number	Manufacturer/ Engine	Length in (cm)	Width in (cm)	Height in (cm)	Weight 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 Adapter Kits	73 (185)	55 (140)	60 (152)	485 (220)
08-2034-0010	Various - See Adapter Kits	133 (338)	70 (178)	60 (152)	650 (295)

Multi-Purpose Rotating Turbine Engine Work Stand

Standard Features:

- Manual gear driven rotation with safety locks at 3° intervals
- Sturdy welded steel construction
- Heavy duty 6 in (15 cm) casters with 2 swivel and 2 rigid for easy maneuvering
- Foot operated floor lock stabilizes stand during maintenance operation
- Handy oil recovery pan to avoid damage to hangar floors
- Multiple engine adaptability (engine adapter kits sold separately)
- Non-slip work/walking surfaces
- Adapters change in minutes
- Finish: Powder Coat Tronair Blue

Adapter 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

08-2220C0000

- K-4009 - Williams FJ33



Specifications:

Model Number	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
08-2021C0000	40 (102)	56 (142)	51 (42)	375 (170)
08-2220C0000	32 (81)	43 (109)	52 (107)	300 (136)

Multi-Purpose Rotating Turbine Engine Work Stand

Standard Features:

Model: 08-2023-0010

- 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: Powder Coat Tronair Blue
- Dimensions:
 - Length: 33 in (84 cm)
 - Width: 40 in (102 cm)
 - Height: 44 in (112 cm)
 - Weight: 169 lb (77 kg)

Adapter Kits:

- K-2108 - Rolls Royce (Allison) 250-C18, 20, C28, 30
- K-2110 - Garrett TPE331
- K-2111 - Lycoming LTS101



Portable Turbine Engine Change Stand

Standard Features:

Model: 08-2001-0000

- Heavy duty 8 in (20 cm) casters
- Sturdy welded steel construction
- Floor locks for stability
- Finish: Powder Coat Tronair Blue
- Dimensions:
 - Length: 49 in (125 cm)
 - Width: 52 in (132 cm)
 - Height: 73 in (185 cm)
 - Weight: 350 lb (159 kg)

Adapter 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

Engine Sling
(not included,
see Engine Slings)

Engine Adapter
(not included,
see Adapter Kits)



Engine Slings

Specifications:

Model Number	Capacity lb (kg)	Manufacturer/ Engine	Required Adapter Kit
*08-0100-4000	900 (408)	General Electric - CF-700 & 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, 4	NA
08-0120-4000	917 (416)	Pratt & Whitney - PT6A-50	NA
08-0121-4000	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
08-0133-4000	4,000 (1,814)	Garrett - TFE730-20-1B	K-2809
		Williams FJ-44-1A	K-2866
		Williams FJ-44-1C	K-2867
		Garrett - TFE731-2	K-2897
		Pratt & Whitney - PT6A-50	K-2906
		Lycoming - LTS-101	K-2908

*Becomes integral part of engine change stand 08-2001-0000

Continued on following page

Engine Slings

Specifications:

Model Number	Capacity lb (kg)	Manufacturer/ Engine	Required Adapter Kit
08-0134-4000	2,500 (1,134)	Garrett - TFE730-20-1B	K-2809
		Williams FJ-44-1A	K-2866
		Williams FJ-44-1C	K-2867
		Garrett - TFE731-2	K-2897
		Pratt & Whitney - PT6A-50	K-2906
		Lycoming - LTS-101	K-2908
		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
08-0135-4000	2,500 (1,134)	Garrett - TFE730-20-1B	K-2809
		Williams FJ-44-1A	K-2866
		Williams FJ-44-1C	K-2867
		Garrett - TFE731-2	K-2897
		Pratt & Whitney - PT6A-50	K-2906
		Lycoming - LTS-101	K-2908
		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
		General Electric - CT-7-5A	K-2909
		Pratt & Whitney - PW535	K-3067
		Pratt & Whitney - PW306A	K-3126
		Pratt & Whitney - PW615F	K-4072
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
08-0145-4000	450 (204)	Pratt & Whitney - PW615F-A	NA

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 Stands

Standard Features:

- Store and transport propellers
- Sturdy welded steel construction
- Heavy duty casters for easy maneuvering
- Finish: Powder Coat Tronair Blue

Specifications:

Model Number	Manufacturer/Aircraft	Length in (cm)	Width in (cm)	Height in (cm)	Weight 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

Standard Features:

- Store propellers

Specifications:

Model Number	Manufacturer/Propeller	Length in (cm)	Width in (cm)	Height in (cm)	Weight 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)

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

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 08-4048-1012)
- Sturdy welded steel frame
- 08 micron output filter
- Foot brake
- Finish: Baked Powder Coat Tronair Blue

Models: 08-4048-1012, 08-4049-1012

- 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: 08-4053-1010

- No wand, T-hose attachment

Model: 08-4058-1012

- No wand, hose attachment

Note: 08T4049-1012 Engine Compressor Washer includes PT-6 Fuel Nozzle Cleaner (K-2015)

Adapter Kits:

- **K-1057** - Garrett TPE331
- **K-1152** - Pratt & Whitney PT6
- **K-1243** - Cessna Caravan
- **K-1269** - Raytheon King Air
- **K-1357** - Saab 340
- **K-1709** - deHavilland DHC6, Twin Otter
- **K-1710** - Canadair CRJ100, Challenger
- **K-1953** - Rolls Royce (Allison) 250-C20J, Bell 206B-JR3
- **K-2248** - General Electric CFM56
- **K-2714** - deHavilland Dash-8 100/300
- **K-3202** - Cessna Citation X
- **K-3803** - Bombardier Challenger 300
- **K-3979** - Sikorsky S92



08-4049-1012

Specifications:

Model Number	Wash & Rinse Tank Capacity gal (l)	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
08-4048-1012	7 (27)	33 (84)	29 (74)	52 (132)	152 (69)
08-4049-1012	12 (45)	33 (84)	29 (74)	52 (132)	198 (90)
08-4053-1010	12 (45)	33 (84)	29 (74)	53 (135)	198 (90)
08-4058-1012	12 (45)	33 (84)	29 (74)	53 (135)	198 (90)

Standard Features:

Model: 08-4044-0010, 08-4044-0010-A2

- 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: Powder Coat Tronair Blue
- Dimensions:
Length: 90 in (229 cm)
Width: 46 in (117 cm)
Height: 45 in (114 cm)
Weight: 748 lb (339 kg)

08-4044-0010



Portable Engine Compressor Washers

Standard Features:

Models: 08-4014-4010, 08-4040-4010

- 2½ gal (9.5 l) fluid capacity
- Stainless steel tank
- 16 ft (5 m) #4 hose with 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

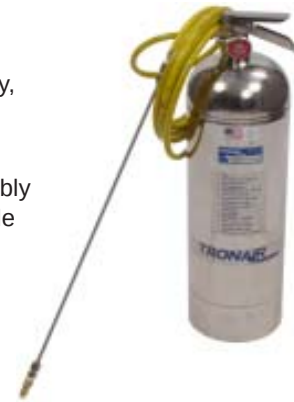
Model: 08-4014-4010

- Aircraft connector assembly, no wand

Model: 08-4040-4010

- 22 in (56 cm) wand assembly with adjustable spray nozzle

08-4040-4010



Standard Features:

- Two sizes to choose from SA280 and SA500
- Choice of 2 or 3 lbs per minute recovery
- Two high flow relief valves prevent aircraft over pressurization
- ASME certified receiver tank (with inspection manway)
- Pressure gauge and relief valve
- Unloaded starting
- Low oil level protection
- Inner & after cooler system
- Easy access to manual tank drain
- Automatic condensate drain system
- Heavy duty fan cooled air compressor
- Central air start control panel
- Maintenance free main airstart regulator
- Emergency shut off valve removes all air flow to aircraft
- No fuel shutdown system

- Test coupling for airpressure adjustment
- Heavy duty fifth wheel steering with towbar operated brakes
- Meets or exceeds all airport noise restrictions
- 30 ft. (9.1 m) start hose with scuff jacket and aircraft coupling
- Finish: Powder Coat White

Available Option:

- Low pressure 500/100 psig regulator with shut off valve, and 20 ft (6.1 m) hose
- 50 ft. (15.2 m) start hose with scuff jacket and aircraft coupling



Specifications:

Model Number	Drive	Usable Mass Air psi (bar)	Recharge Rate ppm (kgpm)	Length in (cm)	Width in (cm)	Height in (cm)	Weight lb (kg)
SA280D2	Diesel	180 (12.4)	2 (1)	176 (447)	72 (183)	75 (191)	8800 (3992)
SA500D2	Diesel	400 (27.6)	2 (1)	230 (584)	72 (183)	75 (191)	11000 (4989)
SA280G2	Gasoline	180 (12.4)	2 (1)	176 (447)	72 (183)	75 (191)	8800 (3992)
SA500G2	Gasoline	400 (27.6)	2 (1)	230 (584)	72 (183)	75 (191)	11000 (4989)