

RECOMMENDED MALABAR AIRCRAFT JACK MODEL APPLICATIONS

Revision Date: 2/25/2016

| AIRCRAFT MAKE | MODEL | AIRCRAFT JACK POINT | | | | | | | |
|---------------|--|---|--|---|-----------------------|----------|--|---|--|
| | | FORWARD FUSELAGE | MAIN WING (BODY) | AFT FUSELAGE | MID-WING | WING-TIP | NOSE LANDING GEAR | MAIN LANDING GEAR (Routine) | MAIN LANDING GEAR (on flats) |
| AEROSPATIALE | ATR42 ATR72 | 7210B (4) | 714A (5) 8924 8810A | 7212B | N/A | N/A | 642S | 642S | 642S |
| AIRBUS | A300 A310 | 733A 8810A 8760 8864 | 8811B (46) 8863 | 8487A (7) 8761 (8) 8850 | N/A | N/A | 65P10AR 65P10 8900 8714 8920 95P10AR 8899 | 65P10AR 65P10 8900 8714 8920 95P10AR 8899 | 65L4.5 (10) 95L5.0 (11) |
| | A319 A320/321 | 8721A 8923 | 733A (13) 8811B (45) 8811A 8882 8863 | 8722A 8924 | N/A | N/A | 215 832R 50P9AR 8915 8842 8782 8890 8919 | see note (15) 50P9AR 8842 65P10AR 8900 65P10 8714 8920 95P10AR 8899 | 65L4.5 (10) 95L5.0 (11) |
| | A330-300 A340-200/300 A340-500/600 | 8810(B) 733A (12) 8864 | 8811(B) (47) 8863 | 8761 8803A | N/A | N/A | 65P10AR 8900 65P10 8714 8899 95P10AR 8920 | 65P10AR (37) 8900 65P10 (37) 8714 (37) 8899 95P10AR (40) 8920 | 65L4.5 (10)(37) 95L5.0 (11) |
| | A350 | 8810B 8864 | 8811B (47) 8863 | 8761 8803A | N/A | N/A | 95P10AR 8899 8920 | 95P10AR 8899 8920 | 95L5.0 (11) |
| | A380-800 (41) | N/A | N/A | 8803A | N/A | N/A | 165P10AR | 165P10AR | N/A |
| | BOEING | B707 B720 | 718B (42) 8721A | 759A | 8722A | N/A | 8722A | 50P9AR 8915 8842 8919 65P10AR 8900 65P10 8714 | 50P9AR 8915 8842 8919 65P10AR 8900 65P10 8714 |
| B717 | | 7210B | 8826 759A | 7212B 7215B | N/A | N/A | 642S 8890 | 832R 8842 8919 50P9AR 8915 65P10AR 8900 65P10 8782 | |
| B727 | | 718B(43) 8721A | 8826 759A 8882 | 718B(42) 7120A 8826 | N/A | N/A | 8842 8919 50P9AR 8915 65P10AR 8900 65P10 8714 | 8842 8919 50P9AR 8915 65P10AR 8900 65P10 8899 95P10AR 8920 8714 | 65L4.5 (10) 95L5.0 (11) |

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| BOEING | B737-100-200 B737-300-500 B737-600-900 | 718B (42) 714A 7120A (17) 8923 | 8826 759A 8882 | 718B (44) 714A (5) 8924 | N/A | N/A | 642S 215 (18) 832R 8919 8842 8685 8782 see note (30) | 832R (17) 8919 8842 8782 (17) 8915 50P9AR 8900 65P10AR 8714 65P10 | 8838 (20) 65L4.5 (10) |
| | B747-100 to -400 | 733A 8810A 8760 8864 | 8811B (45) 8863 | 763 761 (6) 8918 | 8802 | 8803A 706A | 65P10AR 8900 65P10 8714 8920 95P10AR 8899 | 65P10AR 8900 65P10 8714 8920 95P10AR 8899 | 65L4.5 (10) 95L5.0 (11) |
| | B747-8 | 733A 8810A 8760 8864 | 8811B (45) 8863 | 763 761 (14) 8918 | 8802 | 706A | 95P10AR 8899 8920 | 95P10AR 8899 8920 | 95L5.0 (11) |
| BOEING | B757 | 733A 8810A 8760 8864 | 8811B (21) (45) 8863 743 (12) | 8704 (22) 8722A (41) | N/A | N/A | 8685 832R 8919 8842 8915 50P9AR 8900 65P10AR 65P10 (30) 8714 | 8685 832R 8919 8842 8915 50P9AR 8900 65P10AR 65P10 8714 | 8685 65L4.5 (10) |
| | B767-200-300 B767-400ER | 733A 8810A 8760 8864 | 8811B (4) (45) 8863 | 8850 (35) 8918 | 8802 | N/A | 65P10AR 65P10 8714 95P10AR 8920 | 65P10AR 65P10 8714 95P10AR 8920 | 65L4.5 (10) 95L5.0 (11) |
| | B777-200-300 B777-300ER | 8810A 733A (12) 8760 8864 | 8811B (45) 8863 | 761 (14) 8918 | 8802 (12) 8803A | 8803A | 95P10AR 8899 8920 | 95P10AR 8899 8920 | 95L5.0 (11) |
| | B787 | 733A 8760 8864 | 8811B (45) 8863 | 8850 8918 761 (4) | 8803A 8802 (4) 8847A | 8803A | 65P10AR 8900 65P10 8714 8899 95P10AR 8920 | 65P10AR 8900 65P10 8714 8899 95P10AR | 65L4.5 (10) 95L5.0 (11) |
| BOEING DOUGLAS | DC8 | 718B (42) 7120A | 759A | N/A | N/A | N/A | see note (25) 832R 8685 8915 50P9AR 8714 | 8915 50P9AR 8919 8842 8900 65P10AR 65P10 8714 | |

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| BOEING DOUGLAS | DC9 | 7210B 7212B | 7120A 8826 (4) 759A (4) 8882 | 7120A (26) 7212B (27) 7215B | N/A | N/A | 642S 215 8890 | 832R 8919 8842 8915 50P9AR 8900 65P10AR 65P10 8714 8782 | |
| | MD80 MD90 | 7210B 7212B | 8826 759A 8882 | 718B (42) 7215B | N/A | N/A | 642S 8890 | 50P9AR 8915 8842 8919 65P10AR 8900 65P10 8714 | |
| | DC10-10 DC10-15 | 733A | 8811B (46) | N/A | N/A | N/A | 65P10AR 8900 65P10 8714 | 65P10AR 8900 65P10 8714 8899 95P10AR 8920 | 65L4.5 (10) 95L5.0 (11) |
| | DC10-30 | 733A (28) | 8811B (46) | N/A | N/A | N/A | 65P10AR 8900 65P10 8714 | 65P10AR 8900 65P10 8714 8899 95P10AR 8920 | 65L4.5 (10) 95L5.0 (11) |
| | MD11 | 733A (28) | 8811B (46) | N/A | N/A | 8487A (32) | 65P10AR 8900 65P10 8714 | 65P10AR 8900 65P10 8714 8899 95P10AR 8920 | 65L4.5 (10) 95L5.0 (11) |
| | | | 733A (28) | 8811B (46) | N/A | N/A | 8487A (32) | 65P10AR 8900 65P10 8714 | 65P10AR 8900 65P10 8714 8899 95P10AR 8920 |
| BOMBARDIER | TWIN OTTER DHC6 | 7210B | 12314S (4) | N/A | N/A | N/A | 642S | 642S | |
| | DASH 7 DASH 8 (Q100, Q200, Q300 ONLY) | 7210B (4) | 714A (5) 8924 8810A | N/A | N/A | N/A | 642S 8890 | 642S 8890 | |
| | DASH 8 (Q400 ONLY) | 7210B (4) | 8924 8810A | N/A | N/A | N/A | 642S 215 8890 | 215 8890 | |
| | CL-601 , 602 604, 605, 610 Challenger | 8955 | 8955 | N/A | N/A | N/A | 8693A 642S 8890 | 8693A 8890 | 8616B |
| | CRJ 100, 200 | 7210B | 7212B | N/A | N/A | N/A | 8772 8890 | 8772 8890 | 8616B |
| | CRJ 700, 900 | 7212B | 7120A | N/A | N/A | N/A | 8772 8890 | 8772 8890 | 8616B |
| | GLOBAL EXPRESS XRS/5000/6000 7000/8000 | 8942A | 8941A | N/A | N/A | N/A | 642S 8890 | 8890 | 8616B |

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| BOMBARDIER | CS 100, 300 | 718B (42) 714A | 725A (19) | N/A | N/A | N/A | 642S 8890 832R 8842 | 832R 8842 50P9AR 8919 | 832R 8842 50P9AR 8919 |
| | CL 415 | 7212B | 7120B | N/A | N/A | N/A | 8890 | 8890 | 8890 |
| BRITISH AEROSPACE | BAe 146 Avro RJ | N/A | 718B (42) | 718B (42) | N/A | N/A | 642S | 832R 8919 8842 8782 | |
| COMAC | ARJ21 | 7215B | 718B (42) | 7215B | N/A | N/A | 642S | 832R | 832R |
| | C919 | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |
| DASSAULT | FALCON 20 / 50 | 7210B | 7210B 7212B | N/A | N/A | N/A | 642S | 642S | |
| | FALCON 10 / 100 | 7210B | 7210B 7212B | N/A | N/A | N/A | 642S | 642S | |
| DORNIER | 228 | 7210B (4) | 7210B (4) | 712B | N/A | N/A | 642S | 642S | |
| | 328 | 7210B | 718B (42) | N/A | N/A | N/A | 642S | 642S | |
| EMBRAER | ERJ-135 | 7210B | 7215B | N/A | N/A | N/A | 642S | 642S | |
| | ERJ-145 | 7215B | | | | | 8890 | 8890 | |
| | ERJ-170 / 175 | N/A | 7120A | 8721A | N/A | N/A | 8772 8990 642S | 832R 8890 | |
| | ERJ-190 / 195 | N/A | 718B (43) | 8721A | N/A | N/A | 8772 8990 642S | 832R 8890 | |
| FOKKER | F27 | 7210B 12314S | 718B (44) 714A (5) | N/A | N/A | N/A | 642S | 642S | |
| | F28 | 7210B | 7120A 718B (42) | N/A | N/A | N/A | 642S | 832R 8919 8842 8685 8782 | |
| | F50 | 7210B 12314S | 8721A 718B (44) | N/A | N/A | N/A | 642S | 642S | |
| | F100 | 7120A | 8826 759A 7120A | N/A | N/A | N/A | 642S | 832R 8919 8842 8685 8782 | |
| GULFSTREAM | G3, G4, G5, G450 G500, G550 G600, G650 | 8942A | 8941A | N/A | N/A | N/A | 8939 (48) 642S (49) | 8939 | |
| LOCKHEED | L188 | 8721A 718B (43) | 7120A | N/A | N/A | N/A | 832R 8919 8842 8782 | 832R 8919 8842 8782 | |
| | L1011 | 733A | 8811B (46) | N/A | N/A | N/A | 65P10AR 8900 65P10 8714 8899 95P10AR 8920 | 65P10AR 8900 65P10 8714 8899 95P10AR 8920 | |
| | C130 | 7120B (31) | 733A 8850 (21) | N/A | N/A | N/A | 832R 8919 8842 8782 8618A | 832R 8919 8842 8782 8618A | 832R 8919 8842 8782 8618A |

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| | | FORWARD FUSELAGE | MAIN WING (BODY) | AFT FUSELAGE | MID-WING | WING-TIP | NOSE LANDING GEAR | MAIN LANDING GEAR (Routine) | MAIN LANDING GEAR (on flats) |
| LEARJET | 23 thru 55 | 7210B | 7210B | N/A | N/A | N/A | Contact Malabar | Contact Malabar | |
| MITSUBISHI | DIAMOND | 7210B | 7210B | N/A | N/A | N/A | Contact Malabar | Contact Malabar | |
| | MRJ | N/A | 8954 | 714A (5) (29) | N/A | N/A | 832R | 832R | |
| SAAB-FAIRCHILD | METRO MERLIN | 7215B | 7215B | N/A | N/A | N/A | Contact Malabar | Contact Malabar | |
| | SF340 | 7210B | 7225A | N/A | N/A | N/A | 642S | 642S | |
| SHORTS | 330 | 7210B (4) | 7210B (4) | N/A | N/A | N/A | 642S | 642S | |
| | 360 | | | | | | | | |
| SUKHOI | RRJ95 | 718B (42) | 718B (44) | N/A | N/A | N/A | 642S | 8685 | 8685 |
| | SSJ100 | | | | | | 8890 | | |

JACK SELECTION NOTES:

General Notes:

Caution: Aircraft manufacturer's specifications and instructions must be followed. In the event of contradiction between aircraft manufacturer's specification and Malabar's, aircraft manufacturer's specification shall prevail.

- {1} We suggest a Malabar Sales Representative be consulted for recommended jack models when several aircraft types are to be maintained.
- {2} For aircraft Recovery Jacks, refer to Malabar's Aircraft Recovery Systems bulletin.
- {3} For aircraft freighter and combi Tail Support Stanchions, refer to separate Malabar bulletin.

Note References:

- {4} For roll-under clearance, oleos may have to be extended.
- {5} Specify with leg extensions.
- {6} Jack incorporates telescoping legs. Set jack in extended position for this application.
- {7} Specify with leg extensions for A300 or less leg extensions for A310.
- {8} This model is not suitable for A310 aft jack point.
- {9} Specify p/n 74848, 18" extension kit for A300 aft jack point.
- {10} Lift provided by 65P10 or 65P10AR axle jack.
- {11} Lift provided by 95P10AR axle jack.
- {12} This model is suitable for shoring & gear swing only.
- {13} Specify with 1 1/4" spherical radius ball ship adapter.
- {14} Jack incorporates telescoping legs. Set jack in retracted position for this application.
- {15} All models shown are applicable for aircraft with single axle main landing gear. Consult Malabar for dual axle aircraft.
- {16} Specify with 18" leg extensions.
- {17} This model suitable for B737-100 through 500.
- {18} This model suitable for B737- 600 through 800.
- {19} Specify with 36" leg extensions.
- {20} Lift provided by 2 ea. 50P9AR, 8842, 65P10AR, 65P10 or 8714 axle jacks.
- {21} Specify with 3/4" spherical radius cup ship adapter.
- {22} For shoring aft jack point during oleo piston removal specify 30" extension kit p/n 870450.
- {23} Specify with 24" screw extension.
- {25} Use Douglas adapter p/n 5706789.
- {26} Select this model for DC9 without Aft Stair.
- {27} Select this model for DC9 with Aft Stair.
- {28} Models are suitable if aircraft weight does not exceed 465,000 lbs.
- {29} Specify with 3/4" spherical radius cup ship adapter for A310.
- {30} For Nose Landing Gear, dual flat condition, specify Model 8616B jack kit.
- {31} Specify 2 ea. Model 7120B jacks & 1 ea. Dual Manifold kit for C130 forward fuselage jack point.
- {32} Use Douglas adapter p/n DZZ7320. Adapter adds 12" to jack minimum height.
- {33} With 4" ship adapter. Hydraulic lift provided by 65P10AR or 65P10.
- {34} This model is suitable for B767-200 & -300 only.
- {35} This model is suitable for B767-200, -300 and -400.
- {36} Add a 2" high spacer under axle jack.
- {37} This model is suitable for A330 & A340-200.
- {38} This model is suitable for A340-300.
- {39} This model is suitable for B777-200IGW & -300.
- {40} This model is suitable for all A330, A340 including A340-500 /-600 & all B777 including B777-300ER.

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{41} Specify with external relief valve for B757 tail jack service

{42} Specify with 54" Low Height Leg Kit (54LK)

{43} Specify with 70" Low Height Leg Kit (70LK)

{44} Specify with 93" Low Height Leg Kit (93LK)

{45} Specify with 98" Low Height Leg Kit

{46} Specify with 116" Low Height Leg Kit

{47} Specify with 160" Low Height Leg Kit

{48} For models G5, G550, G650

{49} For models G3, G4, G450, G500, G600