



RECOMMENDED MALABAR AIRCRAFT JACK MODEL APPLICATIONS

Note: The first jack listed is the recommended jack. The jack(s) listed below the recommended jack can be an alternative solution.

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	65L4.5 (10)
	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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AIRCRAFT MAKE	MODEL	FORWARD FUSELAGE	MAIN WING (BODY)	AFT FUSELAGE	MID-WING	WING-TIP	NOSE LANDING GEAR	MAIN LANDING GEAR (Routine)	MAIN LANDING GEAR (on flats)

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}
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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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 SSJ100	718B {42}	718B {44}	N/A	N/A	N/A	642S 8890	8685	8685

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