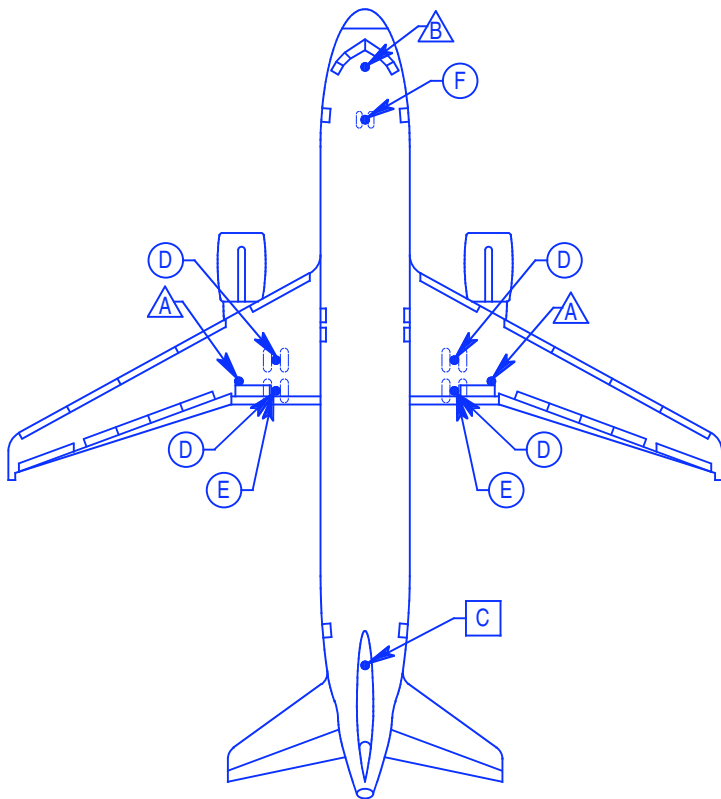


- Legend:
 △ Aircraft primary tripod jack location
 □ Aircraft auxiliary tripod jack location
 ○ Aircraft axle jack location



MLG DOUBLE AXLE SHOWN

FOR ALTERNATE JACK SELECTIONS, REFER TO
 "RECOMMENDED MALABAR AIRCRAFT JACK MODELS" CHART

AIRCRAFT DATA						MALABAR JACK MODELS AND DATA					
REF.	LOCATION & SERVICE	MAX. JACK LOAD	MIN. HT.	MAX. HT.	DISTANCE BETWEEN TIRES	MODEL	CAP.	MIN. HT.	HYD. LIFT	SCR. EXT.	MAX. HT.
A	Main Wing: Gear Swing	38.0	118.1 (3000)	146.1 (3710)		8731	35 (31.8)	97 (2464)	72 (1829)	12 (305)	181 (4597)
	Main Wing: Oleo Removal	(35.0)		173.23 (4400)							
B	Forward: Gear Swing	11.0	66.9 (1700)	102.7 (2610)		714A	12 (10.9)	60 (1524)	44 (1118)	10 (254)	114 (2896)
	Forward: Oleo Removal	(10.0)		135.0 (3430)		8721 {2}	10 (9.1)	71 (1803)	57 (1448)	10 (254)	138 (3505)
C	Aft: Gear Swing	3.3	125.9 (3200)	153.5 (3900)		713A {3}	12 (10.9)	120 (3048)	44 (1118)	10 (254)	174 (4420)
	Aft: Oleo Removal	(3.0)		181.1 (4600)		8722	6 (5.4)	120 (3048)	57 (1448)	10 (254)	187 (4750)
D	MLG Dual Axle: Routine	20.9	10.63 (270)	14.96 (380)	5.51 {1} (140)	8732 {4}	20 (18.1)	6 (152)	8.5 (216)	2.5 (64)	17 (432)
	MLG Dual Axle: Flats	(19.0)	7.09 (180)	6							
E	MLG Single Axle: Routine	43.9	13.70 (348)	21.73 (552)	16.10 (409) {7}	50P9AR	50 (45.4)	9.13 (232)	9.75 (248)	4.13 (105)	23 (584)
	MLG Single Axle: Flats	(40)	8.26 (210)	6		65L4.5 {5}	65 (59)	4.5 (114)	17.5 (445)	0	22 (559)
F	NLG: Routine	11.0	9.50 (241)	12.83 (326)	7.80 (198)	50P9AR	50 (45.4)	9.13 (232)	9.75 (248)	4.13 (105)	23 (584)
	NLG: Flats	(10.0)	6.53 (166)	6							

Notes:

- **Caution:** Aircraft manufacturer's specifications and instructions must be followed. In the event of contradiction between aircraft manufacturer's specifications and Malabar's, aircraft manufacturer's specifications will prevail.
- Capacities shown in tons and (metric tons). Dimensions shown in inches and (millimeters).
- Tripod jack point heights are based on:
 - Main & nose landing gear strut oleos fully deflated.
 - Main gear tire 49 x 19-R20.
 - Nose gear tire 30 x 8.8.
 - All tires at normal inflation pressure.

{1} Clearance between drag link bolts.

{2} For roll-under clearance, oleos may have to be extended.

{3} Specify with leg extensions.

{4} Jack capable of 22 tons
(20 metric tons).

{5} Lift provided by 65P10 or 65P10AR
axle jack.

{6} Allows 1" ground clearance.

{7} For flats and routine.

MALABAR INTERNATIONAL
 SIMI VALLEY, CALIFORNIA

AIRBUS 319 / 320 / 321
AIRCRAFT / JACK DATA

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