

Safety Regulation Group



CAP 457

Approved Aerial Positions

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FOREWORD

1 STATUS

- 1.1 This publication lists radio aerial positions approved by the CAA for UK-registered aircraft.
- 1.2 BCAR requires that aircraft radio systems shall be so designed and installed that they perform their intended function under the conditions of operation for which they are required.
- 1.3 The approved locations listed in this publication have been determined by performance and do not consider the location of associated aerials or other structural attachments to the aircraft.
- 1.4 Prior to installation an engineering appraisal of the location must be conducted to establish the overall suitability of the positions taking into account system separation and co-axial feeder lengths.
- 1.5 The listed location does not imply approval of the structural attachment which should preferably be made in accordance with specific recommendations of the aircraft manufacturer.
- 1.6 Particular care should be taken with stressed skin and pressurised structure.

2 ARRANGEMENT

Aircraft types are listed in the Index in alphabetical order.

3 AMENDMENT

Amendments are issued at approximately six monthly intervals. Each new or re-issued page carries an amendment list number. In order to ensure that the volume is kept up to date, details of the amendments should be entered in the amendment list record sheet at the front of the volume.

4 APPLICATIONS AND ENQUIRIES

Enquiries regarding sale and distribution should be addressed to the CAA, Printing and Publication Services, Greville House, 37 Gratton Road, Cheltenham, Glos GL50 2BN (Telephone Cheltenham (0242) 235151). For details of the amendment service and prices, see CAA Airworthiness Notices Nos 6 and 7.

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Approved Aerial Positions

AEROSPORT 2

Datum: STB Wing Root Leading Edge

VHF

673 mm (26.5") Fwd 89 mm (3.5") Port

NOTES

Approved Aerial Positions

AERONCA 15AC

Datum: LE Wing Inboard Edge

VHF	NOTES
813 mm (32") Aft 1041 mm (41") Port CL	
LOOP	
-	
LOC/VOR	
P & S Lower Fin Belly	
G/P	
-	
L-BAND	
152 mm (6") Fwd 279 mm (11") Port CL Belly	
203 mm (8") Fwd 279 mm (11") Stbd CL Belly	

Approved Aerial Positions

AERO/SUPER AERO 45/145

Datum: Fuselage Front Rigging Point (Red-Marked Rivet)

VHF	NOTES
2540 mm (100") Aft 64 mm (2.5") Stbd CL 2858 mm (112.5") Aft 127 mm (5") Stbd CL 1943 mm (76.5") Aft 127 mm (5") Stbd CL	
LOOP	
2210 mm (87") Aft 25 mm (1") Port CL 3962 mm (156") Aft 76 mm (3") Port CL Belly 1346 mm (53") Aft CL Belly 3226 mm (127") Aft 76 mm (3") Port CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
-	
G/P	
25 mm (1") Aft 152 mm (6") Port CL Belly	
L-BAND	
Under Port engine nacelle Under Stbd engine nacelle	
OMEGA	

Approved Aerial Positions

AERO COMMANDER 500/520/560

Datum: Stn 0 940 mm (37") Aft of Nose)

VHF			OMEGA
Fin 457 mm (18") Aft	Cap LE Port	Fwd Wing (upper) 1829 mm (72" from wing tip	NOTES
Stn 73	CL		
Stn 214	152 mm (6") Stbd CL		
Stn 73	CL		
Stn 264	25 mm (1") Port CL		
LOOP			
Stn 204	CL	Belly	
Stn 59	CL	Belly	
Stn 268	CL	Belly	
Stn 213	CL	Belly	
Stn 78	CL		
Stn 204	CL		
LOC/GP/VOR			
P & S Stn 335	Fin Fin Stn 70		
LOC/VOR			
P & S Stn 335	Fin Fin Stn 70		
G/P			
Nose			
L-BAND			
Stn 30	381 mm (15") Stbd CL	Belly	
Stn 30	381 mm (15") Port CL	Belly	
Stn 173	152 mm (6") Stbd CL	Belly	
Stn 162	CL	Belly	
Stn 44	432 mm (17") Stbd CL	Belly	

Approved Aerial Positions

AERO COMMANDER 680, 680E and 680F

Datum: 3861 mm (152") Fwd of Wing LE

VHF	NOTES
6528 mm (257") Aft 127 mm (5") Stbd CL Fin Cap Fwd 3505 mm (138") Aft CL 3073 mm (121") Aft CL Fin Cap Fwd	
LOOP	
5893 mm – 6350 mm 165 mm (232" – 250") Aft (6.5") Port CL 6807 mm – 7264 mm 165 mm 268" – 286" Aft (6.5") Port CL 5893 mm – 6350 mm CL Belly (232" – 250") Aft 4470 mm (176") Aft 25 mm (1") Stbd CL Belly 6350 mm (250") Aft CL 3480 mm (137") Aft CL	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
P & S Fin	
G/P	
2896 mm (114") Aft CL Nose	
L-BAND	
1778 mm (70") Aft CL Belly 3759 mm (148") Aft 178 mm (7") Stbd CL Belly 5029 mm (198") Aft 178 mm (7") Stbd CL Belly	
OMEGA	

Approved Aerial Positions

AERO COMMANDER 680T

Datum: 4978 mm (196") Fwd of Wing L.E.

VHF	NOTES
Fin Cap	* Provided no change of location is made subsequent to the fitting of a fibre glass nose.
LOOP	
3531 mm (139") Fwd CL Belly	
8331 mm (328") Fwd CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
* Nose Cone	
L-BAND	
OMEGA	

Approved Aerial Positions

AERO COMMANDER 685, 690A, 690B, 690C, 690D, 695 and 695A

Datum: 4978 mm (196") Fwd of Wing L.E.

VHF			NOTES
3378 mm (133") Aft	CL		* 690C, 690D, 695 and 695A
4597 mm (181") Aft	CL		
6833 mm (269") Aft	CL		
8534 mm (336") Aft	483 mm (19") Stbd CL	Belly	
4445 mm (175") Aft	127 mm (5") Stbd CL		
6528 mm (257") Aft	102 mm (4") Port CL		
* 5613 mm (221") Aft	127 mm (5") Port CL		
 LOOP			
4293 mm (169") Aft	CL		
5182 mm (204") Aft	CL		
8280 mm (326") Aft	CL		
* 7137 mm (281") Aft	CL		
* 6731 mm (265") Aft	CL	Belly	
 LOC/GP/VOR			
-			
 LOC/VOR			
P & S	Fin		
 G/P			
Nose	(Inside Radome)		
 L-BAND			
2413 mm (95") Aft	432 mm (17") Stbd CL	Belly	
6248 mm (246") Aft	CL	Belly	
5283 mm (208") Aft	CL	Belly	
6706 mm (264") Aft	75 mm (3") port CL	Belly	
* 4877 mm (192") Aft	CL	Belly	
* 1194 mm (47") Aft	432 mm (17") Stbd CL	Belly	
 OMEGA			

Approved Aerial Positions

AEROSPATIALE AS332L

Datum: Nose

VHF			DECCA		
746 mm Aft	670 mm Stbd C	Belly	7725 mm Aft	CL	Belly
6365 mm Aft	CL				
695 mm Aft	677 mm Stbd CL	Belly			
695 mm Aft	677 mm Port CL	Belly			
545 mm Aft	375 mm Stbd CL	Belly			
545 mm Aft	375 mm Port CL	Belly			
10276 mm Aft					
LOOP			RAD ALT		
7185 mm Aft	CL		10727.5 Aft	66 mm Stbd CL	Belly
6815 mm Aft	CL	Belly	11107.5 Aft	66 mm Stbd CL	Belly
7225 mm Aft	CL	Belly			
9900 mm Aft	CL	Tail			
LOC/GP/VOR			MARKER		
-230 mm to -170 mm Fwd CL		Belly	1495 mm Aft	628 mm Stbd CL	Belly
1495 mm Aft	628 mm Port CL	Belly			
11417 mm Aft					
LOC/VOR			NOTES		
P & S	Tail (10967 mm Aft)				
G/P					
Nose	(Internal) (230 mm Aft)				
1145 mm Aft	CL	Belly			
L-BAND					
2315 mm Aft	240 mm Port CL	Belly			
2315 mm Aft	240 mm Stbd CL	Belly			
2313 mm Aft	530 mm Stbd CL	Belly			
2313 mm Aft	530 mm Port CL	Belly			
OMEGA					

Approved Aerial Positions

AEROSPATIALE AS332-L2

Datum: Nose

VHF			RAD ALT		
695 mm Aft	677 mm Stbd CL	Belly	10727.5 Aft	66 mm Stbd CL	Belly
695 mm Aft	677 mm Port CL	Belly	11107.5 Aft	66 mm Stbd CL	Belly
545 mm Aft	375 mm Stbd CL	Belly			
545 mm Aft	375 mm Port CL	Belly			
10276 mm Aft					
766 mm Aft	375 mm Stbd CL	Belly			
766 mm Aft	375 mm Port CL	Belly			
 LOOP			 NOTES		
6815 mm Aft	CL	Belly			
7225 mm Aft	CL	Belly			
 LOC/GP/VOR					
-230 mm to -170 mm Fwd CL		Belly			
1495 mm Aft	628 mm Port CL	Belly			
11417 mm Aft					
 LOC/VOR					
 G/P					
 L-BAND					
2313 mm Aft	530 mm Stbd CL	Belly			
2313 mm Aft	530 mm Port CL	Belly			
 OMEGA					
 DECCA					
7725 mm Aft	CL	Belly			

Approved Aerial Positions

AEROSPATIALE AS350B, AS355, AS355F1, AS355F2 and AS355N

Datum: 2310 mm (90.94") Fwd of Fwd Jack Point

VHF			NOTES
533 mm (21") Aft	76 mm (3") Stbd CL	Belly	
6706 mm (264") Aft	CL	Belly	
356 mm (14") Aft	CL	Belly	
2108 mm (83") Aft	CL		
LOOP			
2464 mm (97") Aft	CL	Belly	
4267 mm (168") Aft	CL	Belly	
3810 mm (150") Aft	CL		
LOC/GP/VOR			
-			
LOC/VOR			
5690 mm (224") Aft	P & S	Tail Boom	
G/P			
330 mm (13") Aft	CL	Belly (Internal)	
L-BAND			
1575 mm (62") Aft	406 mm (16") Stbd CL	Belly (Internal)	
1372 mm (54") Aft	406 mm (16") Port CL	Belly (Internal)	
1956 mm (77") Aft	533 mm (21") Port CL	Belly	
864 mm (34") Aft	CL	Belly	
4700 mm (185") Aft	51 mm (2") Stbd CL	Belly	
864 mm (34") Aft	304 mm (12") Stbd CL	Belly	
8357 mm (329") Aft	CL	Belly	
OMEGA			

Approved Aerial Positions

AEROSPATIALE SA365C

Datum: 645 mm Fwd of Nose

VHF			NOTES
6960 mm Aft	50 mm Stbd CL	Belly	
2850 mm Aft	50 mm Stbd CL		
LOOP			
2392 mm Aft	CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
P & S	Tail (10230 mm Aft)		
G/P			
1220 mm Aft	CL	Belly	
L-BAND			
2170 mm Aft	CL	Belly	
OMEGA			

Approved Aerial Positions

AEROSPATIALE SA365N

Datum: 110 mm Fwd of Nose

VHF			NOTES
6630 mm Aft	CL		
6955 mm Aft	CL	Belly	
2295 mm Aft	CL		
 LOOP			
2310 mm Aft	140 mm Stbd CL	Belly	
 LOC/GP/VOR			
-			
 LOC/VOR			
P & S	Tail (7960 mm Aft)		
P & S	Tail Fin (10430 mm Aft)		
 G/P			
370 mm Aft	CL	Belly	
 L-BAND			
3275 mm Aft	500 mm Port CL	Belly	
3275 mm Aft	500 mm Stbd CL	Belly	
1060 mm Aft	350 mm Port CL	Belly	
1060 mm Aft	350 mm Stbd CL	Belly	
 OMEGA			

Approved Aerial Positions

AEROSTAR 601P

Datum: 216 mm (8.5") Fwd Nose Cone Bulkhead

VHF	NOTES
3760 mm (148") Aft CL 6045 mm (238") Aft CL	
LOOP 3073 mm (121") Aft CL Belly	
LOC/GP/VOR P & S Fin	
LOC/VOR -	
G/P -	
L-BAND 1473 mm (58") Aft CL Belly 1905 mm (75") Aft CL Belly 2540 mm (100") Aft CL Belly	
OMEGA	

Approved Aerial Positions

AGUSTA 109A and 109C

Datum: Stn 0 3.362 metres Fwd of Rotor Head

VHF			MARKER		
Fin	Tip	(Suppressed)	Stn 1535	20 mm Port CL	Belly
STN 1160	CL	Belly			
STN 8195	CL	Belly			
LOOP			NOTES		
Stn 5080	CL	Belly			
LOC/GP/VOR					
-					
LOC/VOR					
Stn 8195	CL	Belly			
Stn 7520	P&S	Tail boom			
G/P					
Stn 170	Nose				
L-BAND					
Stn 5388	CL	Belly			
Stn 1686	CL	Belly			
Stn 1686	60 mm Port CL	Belly			
OMEGA					
RAD ALT					
Stn 6860	CL	Belly			
Stn 7750	CL	Belly			

Approved Aerial Positions

AIRBUS A300

Datum:

VHF			NOTES
F19-20	CL		
F56-57	CL	Belly	
F48-49	CL		
LOOP			
F54-58	CL		
F58-66	CL		
LOC			
F1	CL	Internal	
VOR			
Fin	Tip		
G/P			
F6-7	CL	Belly	
L-BAND			
F22-23	CL	Belly	
F30-31	CL	Belly	
F24-25	CL	Belly	
F26-27	CL	Belly	
OMEGA			

Approved Aerial Positions

AIRBUS A310

Datum:

VHF			NOTES
F19-20	CL		
F54(2)-54(3)	CL	Belly	
F47-49	CL		
LOOP			
F59-60	CL		
F62-63	CL		
LOC			
F0	CL	Internal	
VOR			
Fin	Tip		
G/P			
F5-6	CL	Belly	
L-BAND			
F20-21	CL	Belly	
F22-23	CL	Belly	
F24-25	CL		
F26-33	CL	Belly	
OMEGA			

Approved Aerial Positions

AIRBUS A320

Datum:

VHF			NOTES
F19-20	CL		
F52-53	CL		
F51-52	Stbd CL	Belly	
LOOP			
F44-45	CL		
F48-49	CL		
LOC/GP/VOR			
-			
LOC/VOR			
F1	CL	Internal (Loc)	
Fin	Tip	Internal (Vor)	
G/P			
F1	CL	Internal	
L-BAND			
F21-23	P CL	Belly	
F5-6	CL	Belly	
F21-23	S CL	Belly	
F24-25	S CL	Belly	
OMEGA			

Approved Aerial Positions

AIRTOURER T6-24, 100 and 150

Datum: 1270 mm (50") Fwd Engine Firewall

VHF 4407 mm (173.5") Aft Port CL LOOP 3581 mm (141") Aft 64 mm (2.5") Stbd CL Belly LOC/GP/VOR - LOC/VOR - G/P - L-BAND 1422 mm (56") Aft CL Belly 1067 mm (42") Aft CL Belly OMEGA <th data-bbox="794 286 1497 2033">NOTES</th>	NOTES
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Approved Aerial Positions

ALON AIRCOUPE & ALON A-2A

Datum: Engine Bulkhead

VHF	NOTES
1981 mm (78") Aft CL 1422 mm (56") Aft CL 1981 mm (78") Aft CL 3658 mm (144") Aft CL 2692 mm (106") Aft CL	
LOOP 914 mm (36") Aft 140 mm (5.5") Stbd CL Belly	
LOC/GP/VOR 1422 mm (56") Aft CL 4064 mm (160") Aft CL Belly	
LOC/VOR -	
G/P -	
L-BAND 914 mm (36") Aft 330 mm (13") Port CL Belly	
OMEGA	

Approved Aerial Positions

ARIES

Datum:

VHF	NOTES
1575 mm (62") Aft rear spar CL 133 mm (5.25") Aft frame 9 CL 1727 mm (68") Aft frame 9 CL	
LOOP	
Internal (152 mm) (6") Fwd frame 12 CL Internal Midway frames 10-11 CL	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	
OMEGA	

Approved Aerial Positions

ARV AVIATION ARV1/SUPER 2

Datum: Station 0

VHF	NOTES
Stn 140 108 mm (4.25") Stbd CL Stn 122.6 CL Stn 82.4 152 mm (6") Stbd CL Belly	
LOOP -	
LOC/GP/VOR -	
LOC/VOR Fin Tip	
G/P -	
L-BAND Stn 79.7 109 mm (4.3") Port CL Belly	
OMEGA	

Approved Aerial Positions

ATL 98

Datum:

VHF			NOTES
Stn 280	CL	Belly	
Stn 490	CL		
LOOP			
Stn 77.5	38 mm (1.5") Stbd CL		
Stn 107	38 mm (1.5") Stbd CL		
LOC/GP/VOR			
Stn 50	CL		
LOC/VOR			
-			
G/P			
-			
L-BAND			
Stn 114	CL	Belly	
Stn 224	CL	Belly	
OMEGA			

Approved Aerial Positions

AUSTER (ALL SERIES) AND BEAGLE/AUSTER A61

Datum: Wing L.E. at Wing Root

<p>VHF</p> <p>610 mm (24") Aft front spa CL 1080 mm (42.5") Aft Main spar 394 mm (15.5") Stbd CL 610 mm (24") Aft front spar CL 1524 mm (60") Aft CL 3124 mm (123") Aft CL</p> <p>VHF (Rx)</p> <p>19 mm (0.75") Aft Main spar 572 mm (22.5") Port CL</p> <p>VHF (Tx)</p> <p>19 mm (0.75") Aft Main spar 572 mm (22.5") Stbd CL</p> <p>LOOP</p> <p>Internal 1549 mm (61") Aft front spar CL 2896 mm (114") Aft CL Belly 2184 mm (86") Aft front spar CL</p> <p>LOC/GP/VOR</p> <p>P & S Fin</p> <p>LOC/VOR</p> <p>P & S Fin</p> <p>G/P</p> <p>—</p> <p>SENSE</p> <p>Whip 2210 mm (87") Aft from spar CL</p> <p>OMEGA</p>	<p>L-BAND</p> <p>102 mm (4") Fwd 254 mm (10") Stbd CL</p> <p>NOTES</p>
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Approved Aerial Positions

AVRO XIX

Datum: 1179 mm (46.4") Fwd of front spar

VHF	NOTES
76 mm (3") Fwd of cabin Fwd bulkhead 229 mm (9") Stbd CL 1829 mm (72") Aft cabin Fwd bulkhead CL 1829 mm (72") Aft front spar CL 203 mm (8") Fwd front spar 51 mm (2") Port CL Belly 5486 mm (216") Aft CL 5486 mm (216") Aft CL 2896 mm (114") Aft CL	
LOOP 381 mm (15") fwd of Stn J CL Under nose 1270 mm (50") fwd front spar CL 25 mm (1") Aft front spar CL 4064 mm (160") Aft CL	
LOC/GP/VOR 1270 mm (50") Aft CL	
LOC/VOR 1676 mm (66") fwd CL	
G/P Stbd Wing Tip	
L-BAND -	
OMEGA	

Approved Aerial Positions

AVRO/HS 748

Datum: Rear Spar

VHF			NOTES
31F	76 mm (3") Port CL		
202F	76 mm (3") Port CL		
31F	76 mm (3") Port CL		
44.5 A	83 mm (3.25") Port CL		
162A	51 mm (2") Port CL	Belly	
 LOOP			
101F	76 mm (3") Port CL		
137F	76 mm (3") Port CL		
133F	CL		
 LOC/GP/VOR			
-			
 LOC/VOR			
31F	76 mm (3") Port CL		
P & S	Fin		
 G/P			
In Radome			
Nose Cone			
 L-BAND			
40A	43 mm (1.7") Stbd CL	Belly	
183.2F	55 mm (2.18") Stbd CL	Belly	
193A	44 mm (1.75") Port CL	Belly	
33.4A	44 mm (1.75") Stbd CL	Belly	
174A	CL	Belly	
158.5A	102 mm (4") Stbd CL	Belly	
267 A	318 mm (12.5") Port CL	Belly	
267	318 mm (12.5") Stbd CL	Belly	
 OMEGA			

Approved Aerial Positions

AWW 650 ARGOSY

Datum:

VHF

267 mm (10.5") Fwd Frame 5 201 mm (7.9") Stbd CL
216 mm (8.5") Fwd Frame 17 757 mm (29.8") Port CL Belly

LOOP

89 mm (3.5") Aft Frame 11 218 mm (8.6") Port CL Belly
89 mm (3.5") Aft Frame 13 218 mm (8.6") Port CL Belly
Frames 21–22 CL
Frames 24–25 CL

LOC/GP/VOR

–

LOC/VOR

P & S Port Tail Fin 889 mm (35") from top of Tail Fin
406 mm (16") Aft of Fin LE
P & S Stbd Tail Fin 889 mm (35") from top of Tail Fin
406 mm (16") Aft of Fin LE

G/P

Nose Panel CL
Lower Section Nose Panel CL

L-BAND

Frames 20–21 152 mm (6") Stbd CL Belly
Frames 25–26 152 mm (6") Stbd CL Belly

OMEGA

NOTES

Approved Aerial Positions

AYRES S2R

Datum: Wing Leading Edge

VHF	NOTES
3917 mm (154") Aft CL 4648 mm (183") Aft CL 4242 mm (167") Aft CL	
LOOP	
2997 mm (118") Aft 76 mm (3") Port CL Belly 2997 mm (118") Aft 76 mm (3") Stbd CL Belly 3917 mm (154") Aft CL	
LOC/GP/VOR	
2210 mm (87") Aft CL 2388 mm (94") Aft CL	
LOC/VOR	
-	
G/P	
-	
L-BAND	
279 mm (11") Fwd 152 mm (6") Port CL Belly 279 mm (11") Fwd 152 mm (6") Stbd CL Belly 343 mm (13.5") Fwd 457 mm (18") Port CL Belly 343 mm (13.5") Fwd 457 mm (18") Stbd CL Belly	
OMEGA	

Approved Aerial Positions

BAC ONE-ELEVEN 200 & 400 SERIES

Datum:

VHF			OMEGA
Top of Tail	Bullet	Stn 1010.95	NOTES
Stn 306	CL	Belly	
Stn 255	CL		
Stn 366	CL	Belly	
Stn 399	CL	Belly	
Stn 151.5	CL		
LOOP			
Stn 511	CL		
Stn 558	CL		
Stn 346	CL		
Stn 386	CL		
LOC/VOR			
Stn 151.5	CL		
Stn 366	CL	Belly	
Stn 940	P & S	Fin	
G/P			
Stn 53	CL	Radome	
TRANSPONDER			
Stn 118.85	CL	Belly	
Stn 115	CL	Belly	
Stn 266	CL	Belly	
Stn 331	CL	Belly	
Stn 406	CL	Belly	
DME			
Stn 679.8	CL	Belly	
Stn 341	CL	Belly	
Stn 406	CL	Belly	
Stn 310	CL	Belly	
Stn 250	CL	Belly	

Approved Aerial Positions

BAC ONE-ELEVEN 500 SERIES

Datum: Fwd Nose Radome

VHF			NOTES
Stn 466	CL	Belly	
Stn 1172	Tailplane		
Stn 213	CL		
LOOP			
Stn 406	CL		
Stn 446	CL		
LOC/VOR			
Stn 1112	P & S Fin		
VHF COM/VOR/LOC			
Stn 208	CL		
G/P			
Stn 43	Radome		
TRANSPONDER			
Stn 426.4	CL	Belly	
Stn 506	CL	Belly	
DME			
Stn 118.85	CL	Belly	
Stn 842	CL	Belly	
OMEGA			

Approved Aerial Positions

BAe ATP

Datum: Rear Spar

VHF			NOTES
4343 mm (171") Fwd			
4343 mm (171") Aft	CL	Belly	
LOOP			
1067 mm (42") Fwd	CL		
2972 mm (117") Fwd	CL		
LOC/VOR			
P & S	Nose		
G/P			
Radome			
L-BAND			
559 mm (22") Aft	CL	Belly	
1600 mm (63") Aft	1270 mm (50") Stbd CL	Belly	
7696 mm (303") Fwd	CL	Belly	
5715 mm (225") Fwd	CL	Belly	
7087 mm (279") Fwd	CL	Belly } Mode S	
8458 mm (333") Fwd	CL	} No. 1	
5715 mm (225") Fwd	CL	Belly } Mode S	
7087 mm (279") Fwd	CL	} No. 2	
TCAS			
8052 mm (317") Fwd	CL	Belly	
9373 mm (369") Fwd	CL		
9474 mm (373") Fwd	CL		
OMEGA			
5690 mm (224") AFT	CL	Belly	

Approved Aerial Positions

BAe 146

Datum: Stn 0

VHF		NOTES
Stn 210		* BAe 146-300 only
Stn 237	Belly	
Stn 563	Belly	
Stn 334	Top of Fin*	
LOOP		
Stn 253		
Stn 297		
Stn 350		*
LOC/GP/VOR		
-		
LOC/VOR		
Frames 1-4	P & S	
G/P		
Frame 1	in Nose	
L-BAND		
Stn 295	Belly	
Stn 199	Belly	
Stn 273	Belly	
Stn 324	Belly	
Stn 344	Belly	
Stn 382	Belly	
Stn 370	Belly*	
Stn 392	Belly*	
Stn 479	Belly*	
OMEGA		

Approved Aerial Positions

BEAGLE B.121/B.125/(BULLDOG)

Datum: Stn 0 = 2642 mm (104") Fwd Lateral Level Point

VHF			NOTES
Stn 81.91*	CL		* Applicable to B 121 only
Stn 140	178 mm (7") Port CL	Belly	
Stn 101	CL	Belly	
Stn 147.25	CL		
LOOP			
Stn 134.35	CL	Belly	
Stn 101.9	CL	Belly	
Stn 134.35	CL	Belly	
Stn 101.9	CL	Belly	
LOC/GP/VOR			
P & S	Top of Fin		
LOC/VOR			
P & S	Top of Fin		
G/P			
Top of Windscreen	CL Internal		
Stn 193	CL	Belly	
Stn 72	CL		
L-BAND			
Stn 65	356 mm (14") Stbd CL	Belly	
Stn 50	152 mm (6") Port CL	Belly	
Stn 49.25	196 mm (7.7") Port CL	Belly	
Stn 116	152 mm (6") Stbd CL	Belly	
OMEGA			

Approved Aerial Positions

BEAGLE B.206/B.206Y

Datum: Station 0

VHF			NOTES
Stn 222	CL		
Stn 125.5	CL		
Stn 220	CL		
Stn 91.25	95 mm (3.75") Stbd CL	Belly	
LOOP			
Stn 101-112	CL	Belly	
Stn 202.75	76 mm (3") Port CL	Belly	
Stn 105.75	64 mm (2.5") Port CL	Belly	
Stn 149.5	89 mm (3.5") Stbd CL	Belly	
Stn 168.24	CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
Stn 152	CL		
Stn 125.5	CL		
P & S	Fin		
G/P			
Stn 5	Nose	CL	
L-BAND			
Stn 80	241 mm (9.5") Port CL	Belly	
Stn 171	83 mm (3.25") Stbd CL	Belly	
Stn 288	60 mm (2.35") Port CL	Belly	
6147 mm (242") Aft	51 mm (2") Port CL	Belly	
OMEGA			

Approved Aerial Positions

BEAGLE AUSTER A109

Datum: Wing L.E. at Wing Root

VHF	NOTES
610 mm (24") Aft 2362 mm (93") Port CL 800 mm (31.5") Aft 64 mm (2.5") Stbd CL	
LOOP	
1791 mm (70.5") Aft CL	
2235 mm (88") Aft CL	
1397 mm (55") Aft CL	
LOC/GP/VOR	
-	
LOC/VOR	
5067 mm (199.5") Aft P & S Fin	
G/P	
178 mm (7") Aft 1321 mm (52") Stbd CL beneath Stbd Wing	
L-BAND	
1829 mm (72") Aft 152 mm (6") Stbd CL Belly	
OMEGA	

Approved Aerial Positions

BEDE BD4-150

Datum: Stn 0 (1270 mm (50") Fwd of engine bulkhead)

VHF	NOTES		
2413 mm (95") Aft CL			
LOOP			
2210 mm (87") Aft CL Belly			
LOC/GP/VOR			
-			
LOC/VOR			
P & S Fin			
G/P			
1803 mm (71") Aft On Windscreen (Internal)			
L-BAND			
1384 mm (54.5") Aft 330 mm (13") Stbd CL Belly			
OMEGA			

Approved Aerial Positions

BEECHCRAFT D17S

Datum: L.E. Lower Mainplane

VHF	NOTES
978 mm (38.5") Aft 64 mm (2.5") Port CL (Combined)	
2667 mm (105") Aft 51 mm (2") Port CL	
LOOP	
2400 mm (94.5") Aft 89 mm (3.5") Port CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
978 mm (38.5") Aft 64 mm (2.5") Port CL (Combined)	
G/P	
-	
L-BAND	
1245 mm (49") Aft 457 mm (18") CL Belly	
OMEGA	

Approved Aerial Positions

BEECHCRAFT E18, H18 & 3TM

Datum: 2591 mm (102") Fwd of Jig Point

VHF	NOTES
4318 mm (170") Aft CL 2642 mm (104") Aft CL 6642 mm (261.5") Aft 51 mm (2") Stbd CL	
LOOP	
2108 mm (83") Aft CL Belly 4826 mm (190") Aft 508 mm (20") Port CL Belly 3251 mm (128") Aft 419 mm (16.5") Stbd CL Belly	
LOC/GP/VOR	
2642 mm (104") Aft CL	
LOC/VOR	
-	
G/P	
686 mm (27") Fwd CL Internal	
L-BAND	
Stbd Wing Tip 203 mm (8") Stbd Rib 10	
OMEGA	

Approved Aerial Positions

BEECHCRAFT 19, 23 & 24

Datum: 2616 mm (103") Fwd of Wing L.E.

VHF				NOTES
5385 mm (212") Aft	51 mm (2") Port CL			
3150 mm (124") Aft	CL			
3454 mm (136") Aft	127 mm (5") Port CL			
LOOP				
2515 mm (99") Aft	CL	Belly		
2515 mm (99") Aft	305 mm (12") Port CL	Belly		
LOC/GP/VOR				
-				
LOC/VOR				
P & S	Fin			
G/P				
2616 mm (103") Aft	Top of Windscreen (Internal)	CL		
L-BAND				
2515 mm (99") Aft	254 mm (10") Stbd CL	Belly		
2261 mm (89") Aft	229 mm (9") Port CL	Belly		
4140 mm (163") Aft	241 mm (9.5") Port CL	Belly		
5080 mm (200") Aft	127 mm (5") Stbd CL	Belly		
1778 mm (70") Aft	229 mm (9") Stbd CL	Belly		
OMEGA				

Approved Aerial Positions

BEECH 33-33/F33A/35 SERIES/A36/58 SERIES

Datum: 2111 mm (83.1") Fwd of CL through Fwd Wing Jacks (Extreme Nose)

VHF

4115 mm (162") Aft	25 mm (1") Port CL	
4648 mm (183") Aft	127 mm (5") Port CL	
4039 mm (159") Aft	CL	
1549 mm (61") Aft	51 mm (2") Stbd CL	Belly
2464 mm (97") Aft	152 mm (6") Stbd CL	
3531 mm (139") Aft	CL	
5436 mm (214") Aft	51 mm (2") Port CL	
2108 mm (83") Aft	CL	
3454 mm (136") Aft	CL	
3683 mm (145") Aft	CL	
2565 mm (101") Aft	CL	

LOOP

4089 mm (161") Aft	178 mm (7") Port CL	Belly
2743 mm (108") Aft	76 mm (3") Stbd CL	Belly
3048 mm (120") Aft	127 mm (5") Stbd CL	Belly
2743 mm (108") Aft	76 mm (3") Stbd CL	Belly
2642 mm (104") Aft	76 mm (3") Stbd CL	Belly
1372 mm (54") Aft	76 mm (3") Stbd CL	Belly
4153 mm (163.5") Aft	203 mm (8") Port CL	Belly
5156 mm (203") Aft	CL	Belly

LOC/GP/VOR

2464 mm (97") Aft	CL
2108 mm (83") Aft	CL

LOC/VOR

P & S	Fin
3658 mm (144") Aft	CL
3937 mm (155") Aft	CL

G/P

Top of Windscreen	(Internal)
**10" Fwd CL	Nosecone Bulkhead
**18" Fwd CL	in Nosecone
**Port and Stbd Fin	

L-BAND

2896 mm (114") Aft	394 mm (15.5") Port CL	Belly
1651 mm (65") Aft	51 mm (2") Stbd CL	Belly
2413 mm (95") Aft	305 mm (12") Stbd CL	Belly
1575 mm (62") Aft	381 mm (15") Stbd CL	Belly
3581 mm (141") Aft	203 mm (8") Stbd CL	Belly
1372 mm (54") Aft	51 mm (2") Stbd CL	Belly
* 5893 mm (232") Aft	89 mm (3.5") Port CL	Belly
2642 mm (104") Aft	305 mm (12") Stbd CL	Belly
2616 mm (103") Aft	229 mm (9") Port CL	Belly
3251 mm (128") Aft	254 mm (10") Port CL	Belly

OMEGA

NOTES

* Note: Forward 'blanking' may cause marginal operation. Use alternative position where possible.
 **Beechcraft 58 only

Approved Aerial Positions

BEECHCRAFT 60

Datum: 2540 mm (100") Fwd of Jig Point

VHF	NOTES
2921 mm (115") Aft CL 1295 mm (51") Aft 203 mm (8") Port CL Belly	
LOOP	
2946 mm (116") Aft 51 mm (2") Stbd CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
Nose (Internal)	
L-BAND	
2134 mm (84") Aft 356 mm (14") Port CL Belly	
2134 mm (84") Aft 330 mm (13") Stbd CL Belly	
OMEGA	

Approved Aerial Positions

BEECHCRAFT B60

Datum: 2540 mm (100") Fwd of Jig Point

VHF	NOTES
2921 mm (115") Aft CL	
LOOP	
2946 mm (116") Aft 89 mm (3.5") Stbd CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
Nose (Internal)	
L-BAND	
2718 mm (107") Aft 686 mm (27") Stbd CL Belly	
1168 mm (46") Aft 457 mm (18") Port CL Belly	
OMEGA	

Approved Aerial Positions

BEECHCRAFT 65, 70, 90 & 100 SERIES

Datum: Station 0 (2121 mm (83.5") Fwd of Nose Jacking Pad)

VHF			OMEGA
5613 mm (221") Aft	CL		NOTES * Beech 100 Aircraft only
3759 mm (148") Aft	CL		
3785 mm (149") Aft	102 mm (4") Stbd CL	Belly	
5842 mm–6121 mm (230")– (241") Aft	279 mm (11") Stbd CL	Belly	
6629 mm (261") Aft	89 mm (3.5") Stbd CL	Belly	
* 3924 mm (154.5") Aft	CL		
* 6909 mm (272") Aft	CL		
LOOP			
4648 mm (183") Aft	559 mm (22") Port CL	Belly	
4648 mm (183") Aft	559 mm (22") Stbd CL	Belly	
2896 mm–3327 mm (114–131") Aft	457 mm (18") Stbd CL	Belly	
5918 mm (233") Aft	127 mm (5") Stbd CL	Belly	
4496 mm–4902 mm (177–193") Aft	406 mm (16") Stbd CL	Belly	
4699 mm (185") Aft	38 mm (1.5") Stbd CL		
5410 mm (213") Aft	102 mm (4") Stbd CL	Belly	
* 5410 mm (213") Aft	406 mm (16") Port CL	Belly	
6858 mm (270") Aft	95 mm (3.75") Stbd CL	Belly	
LOC/GP/VOR			
3759 mm (148") Aft	CL		
P & S	Fin		
LOC/VOR			
3759 mm (148") Aft	CL		
G/P			
Bulkhead	in Radome		
L-BAND			
3302 mm (130") Aft	CL	Belly	
7315 mm (288") AFT	241 mm (9.5") Stbd CL	Belly	
3493 mm (137.5") Aft	1067 mm (42") Port CL	Belly	
5334 mm (210") Aft	254 mm (10") Stbd CL	Belly	
3302 mm (130") Aft	305 mm (12") Stbd CL	Belly	
279 mm (11") Aft Main Spar, Wing Sta 252	Port	Belly	
1930 mm (76") Aft	508 mm (20") Port CL	Belly	
* 6629 mm (261") Aft	267 mm (10.5") Stbd CL	Belly	

Approved Aerial Positions

BEECHCRAFT 76

Datum: 356 mm (14") Aft of Nose

VHF			NOTES
3378 mm (133") Aft	178 mm (7") Port CL		
5359 mm (211") Aft	89 mm (3.5") Port CL		
LOOP			
3099 mm (122") Aft	254 mm (10") Port CL	Belly	
4775 mm (188") Aft	CL	Belly	
LOC/GP/VOR			
P & S	Fin	7569 mm (298") Aft – WL 168)	
LOC/VOR			
-			
G/P			
-			
L-BAND			
5131 mm (202") Aft	76 mm (3") Port CL	Belly	
4216 mm (166") Aft	203 mm (8") Stbd CL	Belly	
6858 mm (270") Aft	76 mm (3") Stbd CL	Belly	
2184 mm (86") Aft	330 mm (13") Port CL	Belly	
3353 mm (132") Aft	241 mm (9.5") Stbd CL	Belly	
2337 mm (92") Aft	178 mm (7") Port CL	Belly	
1905 mm (75") Aft	254 mm (10") Stbd CL	Belly	
OMEGA			

Approved Aerial Positions

BEECHCRAFT D55, 56TC, 95, B95A & D95A

Datum: 2111 mm (83.1") Fwd of Jack Point

<p>VHF</p> <p>3835 mm (151") Aft 127 mm (5") Port CL Top of Fin</p> <p>4597 mm (181") Aft 89 mm (3.5") Port CL</p> <p>2515 mm (99") Aft CL</p> <p>3835 mm (151") Aft CL</p> <p>LOOP</p> <p>Tail Cone</p> <p>2642 mm (104") Aft 241 mm (9.5") Port CL Belly</p> <p>4293 mm–4496 mm (169–177") Aft 178 mm (7") Port CL Belly</p> <p>1600 mm (63") Aft 76 mm (3") Stbd CL Belly</p> <p>3480 mm (137") Aft 203 mm (8") Stbd CL Belly</p> <p>4699 mm (185") Aft 178 mm (7") Stbd CL Belly</p> <p>3937 mm (155") Aft 254 mm (10") Port CL Belly</p> <p>3937 mm (155") Aft 254 mm (10") Stbd CL Belly</p> <p>2184 mm (86") Aft 229 mm (9") Port CL Belly</p> <p>2184 mm (86") Aft 229 mm (9") Stbd CL Belly</p> <p>LOC/GP/VOR</p> <p>3835 mm (151") Aft CL</p> <p>2515 mm (99") Aft CL</p> <p>LOC/VOR</p> <p>P & S Fin</p> <p>G/P</p> <p>Nose Cone</p> <p>254 mm (10") Aft** CL Nose Internal</p> <p>L-BAND</p> <p>1651 mm (65") Aft 51 mm (2") Stbd CL Belly</p> <p>* 5893 mm (232") Aft 89 mm (3.5") Port CL Belly</p> <p>2896 mm (114") Aft 394 mm (15.5") Port CL Belly</p> <p>2362 mm (93") Aft 241 mm (9.5") Port CL Belly</p> <p>1334 mm (52.5") Aft 229 mm (9") Port CL Belly</p>	<p>OMEGA</p> <p>NOTES</p> <p>* Note: Forward 'blanking' may cause marginal operation. Use alternative position where possible.</p> <p>** D95A equivalent Position to D95 'Nose Cone'</p>
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Approved Aerial Positions

BEEHCRAFT 200 & B200

Datum: Stn 0 = 4826 mm (190") Fwd Main Spar Centre Line

VHF			NOTES
Stn 271	CL		
Stn 148	114 mm (4.5") Stbd CL	Belly	
LOOP			
Stn 204	457 mm (18") Port CL	Belly	
Stn 204	457 mm (18") Stbd CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
P & S	Fin		
G/P			
Stn 29	in Radome		
L-BAND			
Stn 138	CL	Belly	
Stn 210	76 mm (3") Port CL	Belly	
Stn 261	254 mm (10") Port CL	Belly	
Stn 261	254 mm (10") Stbd CL	Belly	
*Stn 318	229 mm (9") Port CL	Belly	
Stn 148	305 mm (12") Port CL	Belly	
Stn 310	102 mm (4") Stbd CL	Belly	
Stn 101	CL	Belly	
Stn 181	51 mm (2") Port CL	Belly	
Stn 241	406 mm (16") Port CL	Belly	
OMEGA			

Approved Aerial Positions

BEECHCRAFT 300

Datum: Station 0

VHF	NOTES
Stn 270.52 CL Stn 148.30 95 mm (3.74") Stbd CL Belly	
LOOP	
Stn 208.75 399 mm (15.7") Port CL Belly Stn 208.75 399 mm (15.7") Stbd CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
Radome	
L-BAND	
Stn 145 292 mm (11.5") Port CL Belly Stn 308.2 123 mm (4.85") Stbd CL Belly Stn 251.25 292 mm (11.5") Port CL Belly Stn 251.25 292 mm (11.5") Stbd CL Belly	
OMEGA	

Approved Aerial Positions

BELFAST SC5

Datum: Stn 0 (Radome/Fuselage Joint)

VHF			NOTES
Stn 226D	CL		
Stn 468V	CL	Belly	
LOOP			
Stn 597V	CL	Belly	
Stn 643V	CL	Belly	
LOC/VOR			
P & S	Fin	(Upper)	
P & S	Fin	(Lower)	
LOCALISER			
Radome	(Above Scanner)		
Radome	(Below Scanner)		
P & S	Nose		
G/P			
Stn 8V	Port CL	Belly	
Stn 8V	Stbd CL	Belly	
L-BAND			
191V	CL	Belly	
747V	CL	Belly	
358V	CL	Belly	
OMEGA			

Approved Aerial Positions

BELL 47G & 47D

Datum: Rotor Shaft

VHF	NOTES
3251 mm (128") Aft 152 mm (6") Port CL 1778 mm (70") Fwd of Rotor Shaft CL Belly	
LOOP	
1575 mm (62") Fwd CL Belly 1219 mm (48") Fwd 292 mm (11.5") Stbd CL Belly	
LOC/GP/VOR	
1206 mm (47.5") Fwd 254 mm (10") Port CL	
LOC/VOR	
-	
G/P	
-	
L-BAND	
864 mm (34") Fwd 135 mm (5.3") Port CL Belly 864 mm (34") Fwd 135 mm (5.3") Stbd CL Belly	
OMEGA	

Approved Aerial Positions

BELL 47G5

Datum: 51 mm (2") Fwd of Centre Line of Rotor Shaft

VHF	NOTES
1575 mm (62") Fwd 216 mm (8.5") Stbd CL Belly 3480 mm (137") Aft 152 mm (6") Port CL	
LOOP	
1575 mm (62") Fwd CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
1270 mm (50") Fwd 216 mm (8.5") Port CL Belly	
OMEGA	

Approved Aerial Positions

BELL 47J

Datum: 2210 mm (87") Fwd of Rotor Shaft

VHF	NOTES
6756 mm (266") Aft 51 mm (2") Stbd CL Belly	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	
OMEGA	

Approved Aerial Positions

BELL 206A, 206B & 206L

Datum: Stn 0 (1401 mm (55.16") Fwd of Fwd Jack Pad CL)

VHF			NOTES
Stn 60	CL		* Bell 206A and 206B only
*Stn 211	CL	Belly	
Stn 79	51 mm (2") Port CL		
Stn 236	CL	Belly	
Stn 44	51 mm (2") Stbd CL	Belly	
Stn 65	292 mm (11.5") Port CL	Belly	
LOOP			
Stn 56	CL	Belly	
Stn 48	CL	Belly	
Stn 185	CL	Belly	
4089 mm (161") Aft	CL	Belly	
3708 mm (146") Aft	CL	Belly	
LOC/GP/VOR			
Stn 40	CL	Belly	
P & S	Fin		
4369 mm (172") Aft	P & S	(VOR/LOC)	
4826 mm (190") Aft	P & S	(VOR/LOC)	
G/P			
Stn 30	CL	Belly	
L-BAND			
*Stn 135	CL	Belly	
Stn 22	CL	Belly	
Stn 65	191 mm (7.5") Stbd CL	Belly	
Stn 59.5	CL	Belly	
Stn 193 Aft	CL	Belly	
4293 mm (169") Aft	76 mm (3") Stbd CL	Belly	
Stn 81	CL	Belly	
OMEGA			

Approved Aerial Positions

BELL 206L4T

Datum: Station 0

VHF

Stn 63	(11") Port CL	Belly
Stn 281	CL Underside Tail Boom	

LOOP

Stn 102.52	5.12" Stbd CL	Belly
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LOC/GP/VOR

Stn 198.75	WL64	Port & Stbd
Stn 212.75	WL64	Port & Stbd

LOC/VOR

-

G/P

-

L-BAND

Stn 24.34	2.62" Stbd CL	Belly
Stn 64.65	7.5" Stbd CL	Belly

Approved Aerial Positions

BELL 212 & 214B

Datum: Station 0

VHF	NOTES
991 mm (39") Aft CL 660 mm (26") Aft 559 mm (22") Port CL Belly 5232 mm (206") Aft CL 1676 mm (66") Aft CL 6020 mm (237") Aft CL Belly	
LOOP	
4826 mm (190") Aft CL Belly 5563 mm (219") Aft CL Belly 2845 mm (112") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
10566 mm–10998 mm 4877 mm–5334 mm (416"–433") (192"–210") Aft (Tail Boom location) P & S 7531 mm–7963 mm (296.5"–313.5") Aft P & S	
G/P	
Nose -508 mm (-20")	
L-BAND	
4394 mm (173") Aft CL Belly 699 mm (27.5") Aft 51 mm (2") Port CL Belly	
OMEGA	

Approved Aerial Positions

BELL 214ST

Datum: Stn 0

VHF	NOTES
Stn 326 Stn 108 Belly	* Unwheeled u/c only
LOOP	
Stn 209 Belly	
LOC/GP/VOR	
Stn 114 Belly	
LOC/VOR	
Aft of BS 293.5	
G/P	
Stn 129.75 LBL 9.00 Belly * Stn 96 Belly In Radome	
L-BAND	
Stn 354 Belly Stn 263 Belly * Stn 95 Belly Stn 129.75 RBL 9.00 Belly Stn 105 LBL 10 Belly	
OMEGA	

Approved Aerial Positions

BELL 222

Datum: 2304 mm (90.7") Fwd of Radome

VHF	NOTES
Tail Fin Cap (Suppressed) 12192 mm (480") Aft CL Tail boom Belly	
LOOP	
6706 mm (264") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
7391 mm (291") Aft P & S Transmission Cowling	
G/P	
In Radome	
L-BAND	
3912 mm (154") Aft 64 mm (2.5") Stbd CL Belly	
5461 mm (215") Aft CL Belly	
OMEGA	

Approved Aerial Positions

BELL 412

Datum: Station 0

VHF	NOTES
1473 mm (58") Aft 279 mm (11") Port CL Belly 5207 mm (205") Aft CL	
LOOP	
4826 mm (190") Aft CL Belly	
VOR/LOC	
10645 mm–10897 mm (412"–429") Aft P & S	
G/P	
–508 mm (–20") CL Nose	
L-BAND	
711 mm (28") Aft 51 mm (2") Port CL Belly 2413 mm (95") Aft CL Belly	
OMEGA	

Approved Aerial Positions

BELLANCA (CHAMPION) SERIES 7 & 8

Datum: L.E. of No 1 Wing Rib

VHF	NOTES
2235 mm (88") Aft of Front Spar CL 51 mm (2") Fwd Main Spar CL	
LOOP	
2997 mm (118") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
-	
L-BAND	
51 mm (2") Fwd 203 mm (8") Stbd CL Belly	
OMEGA	

Approved Aerial Positions

BELLANCA 17-30A

Datum: Wing L.E. at Wing Root

VHF	NOTES
813 mm (32") Aft CL 1981 mm (78") Aft CL	
LOOP	
3708 mm (146") Aft 102 mm (4") Stbd CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
-	
G/P	
-	
L-BAND	
1118 mm (44") Aft 25 mm (1") Port CL Belly	
2337 mm (92") Aft 25 mm (1") Port CL Belly	
OMEGA	

Approved Aerial Positions

BN2A B & T SERIES ISLANDER

Datum: Stn 0 (3416 mm (134.5") Fwd of WLE)

VHF			OMEGA
Stn 86	102 mm (4") Port CL		
Stn 228	114 mm (4.5") Port CL		
Stn 184	777 mm (30.6") Port CL (Top surface of Port Wing)		
** Stn 318.15	38 mm (1.5") Stbd CL		NOTES + Long-nose aircraft only * Liable to error when used in conjunction with 2nd ADF ** VHF/UHF Aerial
Port Wing	203 mm (8") Fwd of Spar	Stn 232	
Stbd Wing	203 mm (8") Fwd of Spar	Stn 232	
Stn 155	102 mm (4") Port CL		
LOOP			
Stn 53.8	CL	Belly	
Stn 271	CL		
* Stn 214	CL		
Stn 89.5	CL	Belly	
Stn 214	CL	(Combined loop/sense)	
LOC/GP/VOR			
P & S	Fin	Stn 393	
LOC/VOR			
P & S	Fin	Stn 393	
G/P			
+ Inside Nose Cone		Stn - 23.3	
Inside Nose Cone		Stn 11	
Inside Nose Cone	-254 mm (-10")		
L-BAND			
Stn 63.5	51 mm (2") Stbd CL	Belly	
Stn 50.75	197 mm (7.75") Port CL	Belly	
Stn 125.7	102 mm (4") Port CL	Belly	
Stn 108.1	89 mm (3.5") Port CL	Belly	
Stn 86	102 mm (4") Port CL	Belly	

Approved Aerial Positions

BN2T-2 & BN2T-4 SERIES ISLANDER

Datum: Stn 0 (3416 mm (134.5") Fwd of WLE)

VHF			NOTES
Stn 150.5	7264 mm (286") Port CL		
Stn 150.5	7264 mm (286") Stbd CL		
LOOP			
Stn 214.0	CL		
Stn 83.0	CL		
Stn 53.0			
LOC/GP/VOR			
P&S	Fin	Stn 393	
LOC/VOR			
P&S	Fin	Stn 393	
G/P			
N/A			
L-BAND			
Stn 125.7	102 mm (4") Port CL	Belly	
Stn 49.75	197 mm (7.75") Port CL	Belly	
Stn 19.75	197 mm (7.75") Port CL	Belly	

Approved Aerial Positions

BN2A Mk III SERIES TRISLANDER

Datum: Stn 0 (5956 mm (234.5") Fwd of WLE)

VHF			NOTES
Stn 97	102 mm (4") Port CL		
Stn 328	102 mm (4") Port CL		
Stn 155	102 mm (4") Port CL		
 LOOP			
Stn 65	CL	Belly	
Stn 92	CL	Belly	
 LOC/GP/VOR			
-			
 LOC/VOR			
P & S	Fin	Stn 528	
 G/P			
Inside Nose Cone	Stn 22		
* Inside Nose Cone	Stn 12.35		
 L-BAND			
Stn 53.5	305 mm (12") Stbd CL	Belly	
Stn 84	76 mm (3") Stbd CL	Belly	
Stn 98	CL	Belly	
Stn 116.5	25 mm (1") Stbd CL	Belly	
Stn 33.45	CL	Belly	
Stn 51.45	CL	Belly	
 OMEGA			

* Long-nose aircraft only

Approved Aerial Positions

BOEING A75 N1and B75

Datum: Leading Edge – Lower Wing

VHF			NOTES
51 mm (2") Aft	CL	Belly	
406 mm (16") Aft	51 mm (2") CL	Belly	

Approved Aerial Positions

BOEING VERTOL 234

Datum: Station 0

VHF			NOTES
Stn 103	CL	Belly	
Stn 195	CL	Belly	
Stn 297	RBL 32		
LOOP			
Stns 217-233	CL	Belly	
LOC/VOR			
P & S	Fin		
G/P			
Stn 66	CL	WL 43	
L-BAND			
Stn 100	RBL 33	Belly	
Stn 100	LBL 33	Belly	
OMEGA			

Approved Aerial Positions

BOEING 707 & 720

Datum:

VHF			NOTES
Stn 470	CL		
Stn 490	CL	Belly	
LOOP			
Stn 630	CL	Belly	
Stn 670	CL	Belly	
Stn 600 + 10	CL	Belly	
Stn 600E + 10	CL	Belly	
LOC/VOR			
Mid Fin	Port & Stbd		
G/P			
Nose			
L-BAND			
Stn 303.5	CL		
Stn 600L + 10	CL	Belly	
Stn 670	CL	Belly	
Stn 430	CL	Belly	
Stn 247	CL	Belly	
Stn 550	CL	Belly	
Stn 710	CL	Belly	
OMEGA			

Approved Aerial Positions

BOEING 727-100 SERIES

Datum: 3302 mm (130") Fwd of Nose

VHF			NOTES
Stn 630	CL		
Stn 670	CL	Belly	
LOOP			
Stn 710	CL	Belly	
Stn 750	CL	Belly	
LOC/VOR			
P & S	Fin		
G/P			
Stn 178	Fwd Pressure Bulkhead above Scanner		
L-BAND			
Stn 730	381 mm (15") Port CL	Belly	
Stn 837	CL	Belly	
Stn 470	CL	Belly	
Stn 510	CL	Belly	
OMEGA			

Approved Aerial Positions

BOEING 727-200 SERIES

Datum: Stn 0

VHF			NOTES
Stn 710	LBL 4		
Stn 720C + 10	CL	Belly	
Stn 1040	RBL 2.85	Belly	
LOOP			
Stn 720E + 10	CL	Belly	
Stn 750	CL	Belly	
LOC/VOR			
P & S	Fin		
G/P			
Nose Bulkhead	(Stn 176 WL237 CL)		
Nose Bulkhead	(Stn 176 WL187.5 CL)		
L-BAND			
Stn 720F + 10	LBL 15	Belly	
Stn 837	CL	Belly	
Stn 410	CL	Belly	
Stn 470	CL	Belly	
OMEGA			

Approved Aerial Positions

BOEING 737 SERIES

Datum: Stn 0 (3302 mm (130") Fwd of Nose)

VHF

Stn 627	CL	
Stn 510	CL	Belly
Stn 857	CL	Belly
Stn 737D	CL	Belly

LOOP

Stn 560	CL	Belly
Stn 600	CL	Belly

LOC/VOR

Top of Fin		
Stn 178	CL	Radar
Bulkhead		below
Scanner		

G/P

Stn 178	CL	Radar
Bulkhead		above
Scanner		

L-BAND

Stn 305	CL	Belly
Stn 355	CL	Belly
Stn 468	CL	Belly
Stn 580	CL	Belly
Stn 430	CL	Fuselage top

OMEGA

Approved Aerial Positions

BOEING 747

Datum: Station 0 (2286 mm (90") Fwd of Radome Cone)

VHF			NOTES
Stn 1230	CL	Belly	
Stn 730	RBL4-5		
Stn 1326.5	CL		
LOOP			
Stn 1005	CL	Belly	
Stn 1068	CL	Belly	
LOC			
Stn 133	Port	Radome	
Stn 133	Stbd	Radome	
LOC/VOR			
Stn 2727	Fin Tip		
G/P			
Stn 360	Nosewheel Doors		
L-BAND			
Stn 690	CL	Belly	
Stn 830	CL	Belly	
Stn 530	CL	Belly	
Stn 570	CL	Belly	
OMEGA			

Approved Aerial Positions

BOEING 757-200 SERIES

Datum: Station 0

VHF			NOTES
Stn 753	LBL 4.85		
Stn 730	CL	Belly	
Stn 1473	RBL 2.90	Belly	
 LOOP			
Stn 1116	LBL 4.80		
Stn 1156	LBL 4.80		
 LOC			
Stn 199.09	WL 172.90	CL	
Stn 199.09	WL 208.85	CL	
 VOR			
Fin Cap			
 G/P			
Stn 199.09	WL 164.90	CL	
Stn 199.09	WL 168.90	CL	
 L-BAND			
Stn 630	CL	Belly	
Stn 690	CL	Belly	
Stn 495.5	LBL 4.87		
Stn 535.5	LBL 4.87		
Stn 495.5	CL	Belly	
Stn 535.5	CL	Belly	
 OMEGA			

Approved Aerial Positions

BOEING 767-200 AND -300 SERIES

Datum: Station 0

VHF			NOTES
Stn 379	CL	Belly	
Stn 667	CL		
Stn 1318	CL	Belly	
Stn 1197	CL	Belly	
Stn 1320	CL	Fuselage top	
 LOOP			
Stn 1121.78	CL		
Stn 1165.78	CL		
 LOC			
Stn 130	WL 178.80	CL	
Stn 130	WL 218.36	CL	
 VOR			
Fin Cap			
 G/P			
Stn 130	WL 166.80	CL	
Stn 130	WL 170.85	CL	
 L-BAND			
Stn 418	CL		
Stn 448	CL		
Stn 555	CL	Belly	
Stn 665	CL	Belly	
 OMEGA			

Approved Aerial Positions

BOLKOW BO.105 D/DB/DB4

Datum: 205.5 cm Fwd of Centre of Fwd skid cross tube

VHF			NOTES
254.5 cm Aft	31 cm Port	CL	
254.5 cm Aft	31 cm Stbd	CL	
193.5 cm Aft		CL	
269 cm Aft	21 cm Port	CL and	
	21 cm Stbd	CL (Dual)	
LOOP			
170.5 cm Aft	CL	Belly	
LOC/GP/VOR			
666 cm Aft	P & S	Boom	
LOC/VOR			
-			
G/P			
-			
L-BAND			
375.5 cm Aft	10 cm Port CL	Belly	
203.0 cm Aft	4.5 cm Stbd CL	Belly	
OMEGA			

Approved Aerial Positions

BOLKOW BO.105 DS/DBS/DBS4

Datum: 205.5 cm Fwd of Centre Fwd skid cross tube

VHF			NOTES
OE 1696	ME + 65	HE 2860	
OE 2680	ME - 225	HE 2800	
OE 6640	ME -92	Tail Boom Top	
OE 7416	Tail Boom Bottom (VHF/UHF)		
LOOP			
OE 1369	CL	HE 1100	
VOR/LOC			
OE 6388-OE 6850	P & S		
G/P			
-			
L-BAND			
OE 2030	ME + 45		
OE 3755	ME + 170	HE 1100	
OE 3755	ME - 170	HE 1100	
OMEGA			

Approved Aerial Positions

BOLKOW BO.208

Datum: 1905 mm (75") Fwd Ref Point (Red Rivet)

VHF	NOTES
2997 mm (118") Aft 51 mm (2") Port CL	
LOOP	
2692 mm (106") Aft 127 mm (5") Stbd CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
-	
L-BAND	
4039 mm (159") Aft 127 mm (5") Port CL Belly	
1524 mm (60") Aft 229 mm (9") Stbd CL Belly	
OMEGA	

Approved Aerial Positions

BOLKOW BO.209

Datum: 1918 mm (75.5") Fwd of WLE

VHF	NOTES
4610 mm (181.5") Aft 51 mm (2") Stbd CL 1753 mm (69") Aft 356 mm (14") Port CL Belly 3302 mm (130") Aft CL Belly	
LOOP	
3251 mm (128") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
4585 mm (180.5") Aft CL Belly 2261 mm (89") Aft 305 mm (12") Port CL Belly	
OMEGA	

Approved Aerial Positions

BRANTLY B2

Datum: 2540 mm (100") Fwd of Fwd face of Bulkhead 2

VHF	NOTES
1753 mm (69") Aft CL Belly	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	
OMEGA	

Approved Aerial Positions

BRANTLY 305

Datum: 2540 mm (100") Fwd of Fwd face of Bulkhead 2

VHF	NOTES
2108 mm (83") Aft 51 mm (2") Port CL Belly	
1422 mm (56") Aft 254 mm (10") Stbd CL Belly	
LOOP	
1448 mm (57") Aft 38 mm (1.5") Port CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
5334 mm (210") Aft CL Belly	
G/P	
-	
L-BAND	
-	
OMEGA	

Approved Aerial Positions

BRASOV IS 28M24

Datum: Fwd face of firewall

VHF	NOTES
2362 mm (93") Aft 76 mm (3") Port CL	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	
OMEGA	

Approved Aerial Positions

BRISTOL 170 Mk 21

Datum: Station 0

VHF	NOTES
762 mm (30") Fwd Stn 0 730 mm (28.75") Port CL 838 mm (33") Fwd Stn 0 762 mm (30") Stbd CL 737 mm (29") Fwd Stn 0 597 mm (23.5") Stbd CL 914 mm (36") Fwd Stn 0 749 mm (29.5") Port CL	
LOOP	
1956 mm (77") Fwd Stn 0 44 mm (1.75") Port CL	
LOC/GP	
3429 mm (135") Fwd Stn 0 140 mm (5.5") Stbd CL	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	
OMEGA	

Approved Aerial Positions

BRISTOL 170 Mk 31

Datum: Station 0

VHF	NOTES
762 mm (30") Fwd Stn 0 584 mm (23") Port CL	
762 mm (30") Fwd Stn 0 584 mm (23") Stbd CL	
LOOP	
1880 mm (74") Fwd Stn 0 CL	
2096 mm (82.5") Fwd Stn 0 102 mm (4") Port CL	
1270 mm (50") Fwd Stn 0 102 mm (4") Port CL	
LOC/GP/VOR	
3429 mm (135") Fwd Stn 0 127 mm (5") Stbd CL	
LOC/VOR	
-	
G/P	
Fwd of Stn 220 Nose	
L-BAND	
3175 mm (125") Fwd Stn 0 686 mm (27") Port CL Belly	
2489 mm (98") Aft Stn 0 686 mm (27") Port CL Belly	
OMEGA	

Approved Aerial Positions

BRISTOL 170 Mk 32

Datum: Station 0

VHF	NOTES
826 mm (32.5") Fwd Stn 584 mm (0 23") Port CL 762 mm (30") Fwd Stn 0 635 mm (25") Stbd CL 762 mm (30") Fwd Stn 0 730 mm (28.75") Port CL 762 mm (30") Fwd Stn 0 749 mm (29.5") Stbd CL Stn 181 CL Belly	
LOOP 991 mm (39") Fwd Stn 0 76 mm (3") Port CL 2007 mm (79") Fwd Stn 0 76 mm (3") Port CL 1880 mm (74") Fwd Stn 0 CL	
LOC/GP 3219 mm (126.75") Fwd Stn 0 83 mm (3.25") Stbd CL	
LOC/VOR -	
G/P -	
L-BAND 229 mm (9") Aft Rib 340 686 mm (27") Stbd CL Belly	
OMEGA	

Approved Aerial Positions

BRISTOL 171

Datum:

VHF	NOTES
25 mm (1") Fwd Former 14 25 mm (1") Port CL Under Boom	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	
OMEGA	

Approved Aerial Positions

BRITANNIA 100

Datum:

VHF			NOTES
F245.5	CL		
42.5	CL	Belly	
LOOP			
F280	CL		
F219.75	CL		
LOC/GP/VOR			
F485	CL		
L-BAND			
F433	CL	Belly	
P & S Nose	Omni F260.75	CL	
A95	76 mm (3") Stbd CL	Belly	
OMEGA			

Approved Aerial Positions

BRITANNIA 300

Datum:

VHF			NOTES
F246.5	76 mm (3") Stbd	CL	
F29	51 mm (2") Port	CL	
F245.5	CL		
F28.3	CL	Belly	
LOOP			
CF219.75	CL		
CF240.25	CL		
F260	CL	Belly	
LOC/GP/VOR			
F485	CL		
LOC/VOR			
F490	CL		
G/P			
Radome			
L-BAND			
F433	CL	Belly	
P & S	Nose		
F260.75	CL		
A169.5	CL	Belly	
F219	CL	Belly	
F236	51 mm (2") Port CL	Belly	
F451	51 mm (2") Port CL	Belly	
F357.5	CL	Belly	
OMEGA			

Approved Aerial Positions

CAMERON BALLOONS HOT AIR AIRSHIP AS105 Mk II

Datum: Axle of Forward Wheel

VHF	NOTES
250 mm (10") Aft 130 mm (5") Stbd	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND	
250 mm (10") Aft 130 mm (5") Port	

Approved Aerial Positions

CANADAIR CL44

Datum: 76 mm (3") Aft of Radome Tip

VHF			NOTES
6629 mm (261") Aft	CL	(Combined)	* Canadian equivalents using Datum: Station 0 – equivalent to 20828 mm (820") Aft of above Datum
5283 mm (208") Aft	CL	Belly	
* Stn CF545.6	CL	(Combined)	
* Stn CF596.75	CL	Belly	
LOOP			
24994 mm (984") Aft	432 mm (17") Port CL	Belly	
24994 mm (984") Aft	432 mm (17") Stbd CL	Belly	
* Stn CA162.4	432 mm (17") Port CL	Belly	
* Stn CA162.4	432 mm (17") Stbd CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
6629 mm (261") Aft	CL	(Combined)	
* Stn CF545.6	CL	(Combined)	
G/P			
635 mm (25") Aft	CL	In Radome	
* Stn CF800	CL	In Radome	
L-BAND			
9804 mm (386") Aft	CL	Belly	
* Stn CF513	CL	Belly	
7341 mm (289") Aft	CL	Belly	
Stn CF416.75	CL	Belly	

Approved Aerial Positions

CAP 10, CAP 20 and CAP 231 SERIES

Datum: WLE at Wing Root

VHF	NOTES	
3124 mm (123") Aft CL 2883 mm (113.5") Aft CL 2870 mm (113") Aft CL	Fuselage top within rear fuselage void	
LOOP -		
LOC/GP/VOR -		
LOC/VOR 3810 mm (150") Aft CL	Belly	
G/P -		
L-BAND -		

Approved Aerial Positions

CATALINA

Datum: Aircraft Nose

VHF	NOTES
6833 mm (269") Aft 8738 mm (344") Port of CL (on upper port wing)	
6833 mm (269") Aft 8738 mm (344") Stbd of CL (on upper stbd wing)	
LOOP	
6909 mm (272") Aft 5182 mm (204") Port (on upper port wing)	
6909 mm (272") Aft 5182 mm (204") Stbd (on upper stbd wing)	
LOC/VOR	
4877 mm (192") above ground level on fin LE	
G/P	
Nose	
L-BAND	
254 mm (10") Aft 51 mm (2") Stbd CL	
6680 mm (263") Aft 11735 mm (462") Std (lower wing)	
6680 mm (263") Aft 11735 mm (462") Port (lower wing)	

Approved Aerial Positions

CESSNA 120 & 140

Datum: L.E. of Mainplane

VHF	NOTES
1778 mm (70") Aft CL Belly 381 mm (15") Aft 508 mm (20") Port CL	
LOOP	
2052 mm (81") Aft CL Belly	
LOC/GP/VOR	
Top Fin Port and Stbd	
LOC/VOR	
1016 mm (40") Aft CL Roof	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

CESSNA 150 & 152

Datum: Fwd Face of Firewall

VHF	NOTES
2432 mm (95.75") Aft CL 1422 mm (56") Aft 470 mm (18.5") Port CL 1422 mm (56") Aft 470 mm (18.5") Stbd CL	
LOOP	
1016 mm (40") Aft CL Belly 1791 mm (70.5") Aft CL 660 mm (26") Aft CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
P & S Fin	
G/P	
Inside Cockpit Top of Windscreen CL	
L-BAND	
1143 mm (45") Aft CL Belly 267 mm (10.5") Aft 279 mm (11") Port CL Belly 2108 mm (83") Aft 203 mm (8") Stbd CL Belly 1753 mm (69") Aft 51 mm (2") Stbd CL Belly 457 mm (18") Aft 203 mm (8") Stbd CL Belly	

Approved Aerial Positions

CESSNA 170/172/175/177/180/182/185/195/205/206/210 SERIES

Datum: Fwd Face of Firewall

VHF			G/P		
1524 mm (60") Aft	508 mm (20") Port CL		Inside Cockpit	Top of Windscreen CL	
1524 mm (60") Aft	508 mm (20") Stbd CL		L.E. Wing (Suppressed)		
L.E. Fin	(Upper)		711 mm (28") Af	2108 mm (83") Stbd CL	
L.E. Fin	(Lower)		889 mm (35") Aft	127 mm (5") Port CL	
1791 mm (70.5") Aft	267 mm (10.5") Port CL		1321 mm (52") Aft	127 mm (5") Stbd CL	
1016 mm (40") Aft	CL		1372 mm (54") Aft	102 mm (4") Stbd CL	Belly
* 1651 mm (65") Aft	838 mm (33") Port CL				
* 1651 mm (65") Aft	838 mm (33") Stbd CL				
* 2032 mm (80") Aft	508 mm (20") Port CL				
* 2032 mm (80") Aft	508 mm (20") Stbd CL				
3505 mm (138") Aft	25 mm (1") Port CL				
1346 mm (53") Aft	610 mm (24") Port CL				
LOOP			L-BAND		
699 mm (27.5") Aft	CL	Belly	457 mm (18") Aft	305 mm (12") Port CL	Belly
2032 mm (80") Aft	CL		† 3226 mm (127") Aft	76 mm (3") Stbd CL	Belly
851 mm (33.5") Aft	241 mm (9.5") Stbd CL	Belly	991 mm (39") Aft	279 mm (11") Stbd CL	Belly
2388 mm (94") Aft	CL	Belly	3531 mm (139") Aft	102 mm (4") Stbd CL	Belly
1041 mm (41") Aft	32 mm (1.25") Port CL	Belly	1308 mm (51.5") Aft	229 mm (9") Stbd CL	Belly
2718 mm (107") Aft	CL		4013 mm (158") Aft	102 mm (4") Stbd CL	Belly
1270 mm (50") Aft	76 mm (3") Port CL	Belly	1543 mm (60.75") Aft	127 mm (5") Stbd CL	Belly
3759 mm (148") Aft	CL		4369 mm (172") Aft	114 mm (4.5") Port CL	Belly
1372 mm (54") Aft	203 mm (8") Stbd CL	Belly	2261 mm (89") Aft	127 mm (5") Stbd CL	Belly
3861 mm (152") Aft	CL	Belly	1308 mm (51.5") Aft	406 mm (16") Port CL	Belly
1524 mm (60") Aft	CL		419 mm (16.5") Aft	76 mm (3") Port CL	Belly
3429 mm (135") Aft	165 mm (6.5") Stbd CL	Belly			
LOC/GP/VOR			NOTES		
Top Fin			* Cessna 177 only		
LOC/VOR			† Not applicable to Cessna 210		
Top Fin					
P & S	Fin				
1016 mm (40") Aft	CL				
3861 mm (152") Aft					

Approved Aerial Positions

CESSNA 207

Datum: Front face, lower portion front Baggage Compartment Rear

VHF	NOTES
1676 mm (66") Aft 305 mm (12") Stbd CL	
LOOP	
1016 mm (40") Aft 102 mm (4") Port CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
-	
L-BAND	
4267 mm (168") Aft 76 mm (3") Stbd CL Belly 305 mm (12") Aft 203 mm (8") Port CL Belly	

Approved Aerial Positions

CESSNA T303

Datum: 2843 mm (111.92") Fwd of Centre (Depression) of Nose Jack Point

VHF	NOTES
3607 mm (142") Aft 152 mm (6") Port CL 2845 mm (112") Aft 152 mm (6") Stbd CL 5207 mm (205") Aft 140 mm (5.5") Port CL 4278 mm (168.41") Aft 140 mm (5.5") Stbd CL 6553 mm (258") Aft 152 mm (6") Port CL 6553 mm (228") Aft 152 mm (6") Port CL	
LOOP	
4166 mm (164") Aft 356 mm (14") Port CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
Nose Cone	
L-BAND	
2870 mm (113") Aft 222 mm (8.75") Stbd CL Belly 1969 mm (77.5") Aft 254 mm (10") Port CL Belly	

Approved Aerial Positions

CESSNA 310 & 320

Datum: Fwd face of Cockpit Bulkhead Fwd of Rudder Pedals

VHF			L-BAND		
Above Cockpit	CL		260 mm (10.25") Fwd	241 mm (9.5") Stbd CL	Belly
1981 mm (78") Aft	CL		152 mm (6") Aft	305 mm (12") Port CL	Belly
5156 mm (203") Aft	CL		1803 mm (71") Fwd	CL	Belly
2896 mm (114") Aft	203 mm (8") Port CL	Belly	432 mm (17") Aft	432 mm (17") Stbd CL	Belly
1118 mm (44") Aft	CL		432 mm (17") Fwd	254 mm (10") Port CL	Belly
3708 mm (146") Aft	CL		2438 mm (96") Aft	51 mm (2") Port CL	Belly
1372 mm (54") Aft	CL	Belly	191 mm (7.5") Fwd	267 mm (10.5") Port CL	Belly
2858 mm (112.5") Aft	191 mm (7.5") Port CL		3118 mm (122.75") Aft	432 mm (17") Port CL	Belly
3429 mm (135") Aft	178 mm (7") Stbd CL		635 mm (25") Aft	279 mm (11") Stbd CL	Belly
Fin Tip			533 mm (21") Fwd	241 mm (9.5") Port CL	Belly
254 mm (10") Aft	CL	Belly	889 mm (35") Fwd	305 mm (12") Port CL	Belly
2057 mm (81") Aft	CL		838 mm (33") Aft	457 mm (18") Stbd CL	Belly
			1397 mm (55") Fwd	CL	Belly
LOOP			NOTES		
Stn 84	51 mm (2") Stbd CL	Belly	* Alternative G/P Nose Cone (Int)		
4775 mm (188") Aft	CL	Belly			
3581 mm (141") Aft	CL	Belly			
4470 mm (176") Aft	CL				
1384 mm (54.5") Aft	305 mm (12") Stbd CL	Belly			
4496 mm (177") Aft	CL				
1194 mm (47") Aft	76 mm (3") Port CL	Belly			
4216 mm (166") Aft	CL	Belly			
3607 mm (142") Aft	203 mm (8") Port CL	Belly			
3607 mm (142") Aft	203 mm (8") Stbd CL	Belly			
LOC/GP/VOR					
127 mm (5") Aft	CL				
LOC/VOR					
P & S	Fin				
1118 mm (44") Aft	CL				
G/P					
Nose Cap*					
Nose					
Behind Windscreen attached centre window frame					

Approved Aerial Positions

CESSNA 336/337

Datum: 1651 mm (65") Fwd of front face of Front Firewall

VHF	NOTES
3454 mm (136") Aft CL 4191 mm (165") Aft CL 3353 mm (132") Aft 330 mm (13") Port CL 3353 mm (132") Aft 330 mm (13") Stbd CL L.E. of Port Fin (Suppressed) L.E. of Stbd Fin (Suppressed)	
LOOP	
2235 mm (88") Aft 51 mm (2") Port CL Belly 3581 mm (141") Aft 64 mm (2.5") Port CL 3226 mm (127") Aft 102 mm (4") Stbd CL Belly 4343 mm (171") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
Top Port and/or Stbd Fin	
G/P	
Inside Cockpit Top Windscreen 2565 mm (101") Aft CL 2870 mm (113") Aft CL Belly 2438 mm (96") Outboard Port Wing LE	
L-BAND	
4039 mm (159") Aft CL Belly (on Pannier) 1041 mm (41") Aft 356 mm (14") Stbd CL Belly 2692 mm (106") Aft 89 mm (3.5") Stbd CL Belly 3632 mm (143") Aft 178 mm (7") Port CL Belly 4191 mm (165") Aft 140 mm (5.5") Port CL Belly 1829 mm (72") Aft 356 mm (14") Port CL Belly 4572 mm (180") Aft 178 mm (7") Stbd CL Belly	

Approved Aerial Positions

CESSNA 335 & 340

Datum: 2540 mm (100") Fwd of Fwd Face of Bulkhead

VHF			NOTES
Fin Tip			
2718 mm (107") Aft	CL	Belly	
5156 mm (203") Aft	CL		
6274 mm (247") Aft	CL	Belly	
3759 mm (148") Aft	CL		
4140 mm (163") Aft	CL	Belly	
5740 mm (226") Aft	CL		
6731 mm (265") Aft	CL		
6960 mm (274") Aft	140mm (5.5") Stbd CL		
LOOP			
5156 mm (203") Aft	CL	Belly	
5740 mm (226") Aft	CL	Belly	
4978 mm (196") Aft	CL	Belly	
4318 mm (170") Aft	305 mm (12") P & S CL	Belly	
LOC/GP/VOR			
—			
LOC/VOR			
P & S	Fin		
G/P			
Nose	(Internal)		
L-BAND			
2083 mm (82") Aft	254 mm (10") Stbd CL	Belly	
2350 mm (92.5") Aft	254 mm (10") Port CL	Belly	
2959 mm (116.5") Aft	203 mm (8") Stbd CL	Belly	
1575 mm (62") Aft	254 mm (10") Port CL	Belly	
4318 mm (170") Aft	305 mm (12") Stbd CL	Belly	

Approved Aerial Positions

CESSNA 401/402/404/411/414/421/425/441

Datum: 2540 mm (100") Fwd of Bulkhead (Fwd of Rudder Pedals)

VHF		L-BAND			
3823 mm (150.5") Aft	CL	1905 mm (75") Aft	292 mm (11.5") Stbd CL Belly		
Fin Tip		940 mm (37") Aft	CL Belly		
2743 mm (108") Aft	CL Belly (Combined)	3150 mm (124") Aft	457 mm (18") Stbd CL Belly		
4191 mm (165") Aft	457 mm (18") Stbd CL (Combined)	4064 mm (160") Aft	914 mm (36") Port CL Belly		
5055 mm (199") Aft	CL	2134 mm (84") Aft	254 mm (10") Stbd CL Belly		
3823 mm (150.5") Aft	CL	2350 mm (92.5") Aft	254 mm (10") Port CL Belly		
2921 mm (115") Aft	254 mm (10") Port CL Belly	1448 mm (57") Aft	178 mm (7") Stbd CL Belly		
Above Cockpit	CL	1651 mm (65") Aft	254 mm (10") Port CL Belly		
2083 mm (82") Aft	279 mm (11") Port CL Belly	965 mm (38") Aft	38 mm (1.5") Port CL Belly		
		2692 mm (106") Aft	76 mm (3") Stbd CL Belly		
		3683 mm (145") Aft	Port CL Belly		
		3886 mm (153") Aft	381 mm (15") Port CL Belly		
		5791 mm (228") Aft	343 mm (13.5") Stbd CL Belly		
		5791 mm (228") Aft	343 mm (13.5") Port CL Belly		
LOOP		NOTES			
5842 mm (230") Aft	102 mm (4") Stbd CL Belly	* Requires QE Correction			
5309 mm (209") Aft	305 mm (12") Stbd CL Belly				
4928 mm (194") Aft	254 mm (10") Stbd CL Belly				
2743 mm (108") Aft	CL Belly (Combined)				
* 4191 mm (165") Aft	457 mm (18") Stbd CL Belly (Combined)				
3226 mm (127") Aft	356 mm (14") Port CL				
6604 mm (260") Aft	381 mm (15") Port CL Belly				
6604 mm (260") Aft	381 mm (15") Stbd CL Belly				
3759 mm (148") Aft	445 mm (17.5") Stbd CL Belly				
5537 mm (218") Aft	457 mm (18") Port CL Belly				
4572 mm (180") Aft	394 mm (15.5") Port CL Belly				
4572 mm (180") Aft	394 mm (15.5") Stbd CL Belly				
LOC/GP/VOR					
-					
LOC/VOR					
3823 mm (150.5") Aft	CL				
P & S	Fin				
G/P					
Nose Cap	(Integral)				

Approved Aerial Positions

CESSNA 406

Datum: Stn 00 00

VHF			NOTES
107.00	BL 0000	Belly	
240.00	RBL 7.4		
LOOP			
157.05	RBL 17.55	Belly	
215.7	RBL 17.35	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
Fin Tip	421.00	BL 00.00	
G/P			
Radome	BL 00.00		
L-BAND			
38.00	LBL 1.5	Belly	
74.7	RBL 6.0	Belly	
135.75	RBL 17.00	Belly	
159.5	LBL 17.00	Belly	
298	RBL 15.00	Belly	

Approved Aerial Positions

CESSNA 500

Datum: FS 0

VHF			NOTES
FS 296.5 Fin Tip	38 mm (1.5") Stbd CL	Belly	
LOOP			
FS 232.3	89 mm (3.5") Stbd CL	Belly	
FS 283.2	89 mm (3.5") Stbd CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
P & S	Fin		
G/P			
Radome			
L-BAND			
FS 79.1	254 mm (10") Port CL	Belly	
FS 232	89 mm (3.5") Stbd CL	Belly	
FS 167	76 mm (3") Stbd CL	Belly	
FS 139	76 mm (3") Port CL	Belly	
FS 55.28	267 mm (10.5") Stbd CL	Belly	
FS 202	51 mm (2") Port CL	Belly	

Approved Aerial Positions

CESSNA 550

Datum: FS 0

VHF			NOTES
FS 328 Fin Tip	51 mm (2") Stbd CL	Belly	
LOOP			
FS 257	51 mm (2") Stbd CL	Belly	
FS 310	51 mm (2") Stbd CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
P & S	Fin		
G/P			
Nose	(Internal)		
L-BAND			
FS 79	279 mm (11") Port CL	Belly	
FS 212	76 mm (3") Port CL	Belly	
FS 139	76 mm (3") Port CL	Belly	
FS 174	102 mm (4") Stbd CL	Belly	

Approved Aerial Positions

CESSNA 650 Serial No. 650-0179 and on

Datum: Stn 0 Aerial Positions referenced to stn, butt line and water line

VHF			LORAN	
Stn 403.23	RBL 3.75	Belly	Stn 501.00	LBL 2.92
Stn 403.23	RBL 3.75			
LOOP			HF	
Stn 207.00	BL 00.00		Stn 400.8	LBL 10.54
Stn 185.00	BL 00.00		Stn 579.30	to WL 236.50
LOC/VOR			FMS H FIELD	
Stn 581.88	WL 203.97	R&L	Stn 662-668VHF	
GS				
Stn 40.000	LBL 7.15	RBL 7.15		
L-BAND				
Stn 54.68	LBL 9.25			
Stn 94.57	RBL 11.37			
Stn 326.50	LBL 16.80			
Stn 326.50	RBL 16.80			
RADAR				
Stn 44.00	WL 104.80			
MKR				
Stn 157.172	LBL 1.50-6.50			
RADIO ALT				
Stn 373.95	LBL 17.90	RBL 17.90		

Approved Aerial Positions

CHIPMUNK

Datum:

VHF	NOTES
76 mm (3") Outboard Rib 12 229 mm (9") Aft LE under Stbd Wing 381 mm (15") Fwd of Fin 76 mm (3") Port CL	
LOOP	
3708 mm (146") Aft of Spinner Tip CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
Top Fin	
G/P	
-	
L-BAND	
457 mm (18") Aft of WLE 381 mm (15") Stbd CL Belly	

Approved Aerial Positions

CIT/A1

Datum:

VHF	NOTES
2.2 metres Aft of Wing Front Spar CL	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

COMET 4

Datum: C of G

VHF	NOTES
3759 mm (148") Fwd	978 mm (38.5") Stbd CL Belly
9093 mm (358") Fwd	CL
VHF Rx	
Top	Fin
Emergency VHF	
Port tailplane Tip	
LOOP	
7925 mm (312") Fwd	CL
7049 mm (277.5") Fwd	CL
LOC/GP/VOR	
-	
LOC/VOR	
P & S	Fin
G/P	
Radome	
L-BAND	
4064 mm (160") Aft	210 mm ((8.25") Aft Frame 40) CL
6071 mm (239") Aft	76 mm (3") Stbd CL Belly
8839 mm (348") Fwd	CL Belly
6020 mm (237") Fwd	76 mm (3") Stbd CL Belly
13500 mm (531.5") Fwd	381 mm (15") Stbd CL
P & S	Nose
Port Wing	root fillet

Approved Aerial Positions

COMET 4B & 4C

Datum: C of G

VHF	NOTES
3759 mm (148") Fwd 978 mm (38.5") Stbd CL Belly 3759 mm (148") Fwd 978 mm (38.5") Port CL Belly 11176 mm (440") Fwd CL	
VHF Rx	
Top Fin	
EMERGENCY VHF	
Port tailplane Tip	
LOOP	
9887 mm (389.25") Fwd CL 9030 mm (355.5") Fwd CL	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
Radome	
L-BAND	
10795 mm (425") Fwd 76 mm (3") Stbd CL Belly 8052 mm (317") Fwd CL Belly 5461 mm (215") Fwd CL Belly	

Approved Aerial Positions

CONCORDE

Datum: XA Datum 0

VHF			NOTES
XA580.893	CL		
XA934.87	CL	Belly (Combined)	
 LOOP			
Frame 62-63	CL		
Frame 64-65	CL		
 LOC/GP/VOR			
-			
 LOC/VOR			
Frame 85-86	P & S	Fin	
 G/P			
XA934.87	CL	Belly (Combined)	
 L-BAND			
XA92.2	CL	Belly	
XA797.362	CL	Belly	
XA388.76	CL	Belly	

Approved Aerial Positions

GAL CYGNET

Datum:

VHF	NOTES
2540 mm (100") Fwd L.E. Tailplane 102 mm (4") Port CL	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

DAKOTA

Datum:

<p>VHF</p> <p>Stn 103 CL Stn 429.5 CL Stn 95 CL Stn 174 343 mm (13.5") Stbd CL Stn 143 CL Stn 170.5 CL Stn 162.5 178 mm (7") Port CL Stn 186 381 mm (15") Port CL Stn 388 CL Stn 513 CL Belly Stn 222.5 203 mm (8") Stbd CL Stn 359 191 mm (7.5") Port CL Stn 279.5 203 mm (8") Stbd CL Stn 359 191 mm (7.5") Port CL Stn 186.5 CL Stn 283.5 CL Stn 232 CL</p> <p>LOOP</p> <p>Stn 150 CL Belly Stn 111 CL Stn 225 CL Stn 169 CL Stn 86 CL Belly Stn 167 CL Belly Stn 110 CL Belly</p> <p>LOC/GP/VOR</p> <p>Stn 195.5 CL Stn 152 CL</p> <p>LOC/VOR</p> <p>Stn 93 CL P & S Fin</p> <p>G/P</p> <p>Aircraft Nose Nose Suppressed</p>	<p>LOC/GP</p> <p>Stn 17 CL Belly</p> <p>L-BAND</p> <p>Stn 367 CL Belly Stn 309 CL Belly Stn 25 CL Belly Stn 420 CL Belly</p> <p>NOTES</p>
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Approved Aerial Positions

DC-4

Datum: Station 0

VHF	NOTES
12827 mm (505") Aft 229 mm (9") Port CL 10744 mm (423") Aft 229 mm (9") Port CL 4445 mm (175") Aft CL	
LOOP	
4648 mm (183") Aft CL Belly 6325 mm (249") Aft CL Belly 4572 mm (180") Aft CL 6350 mm (250") Aft 305 mm (12") Stbd CL	
LOC/GP/VOR	
2972 mm (117") Aft 305 mm (12") Stbd CL	
LOC/VOR	
2972 mm (117") Aft 127 mm (5") Stbd CL	
G/P	
Aircraft Nosecap	
L-BAND	
9957 mm (392") Aft 146 mm (5.75") Port CL Belly	

Approved Aerial Positions

DC-6B

Datum: Station 0

VHF			NOTES
Stn 207	CL		
Stn 154	CL	Belly	
LOOP			
Stn 429	CL	Belly	
Stn 459	CL	Belly	
Stn 167	521 mm (20.5") Port CL	Belly	
Stn 227	521 mm (20.5") Port CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
Stn 123	CL		
G/P			
Stn 64	CL	(Nose Bulkhead)	
L-BAND			
Stn 247	CL	Belly	

Approved Aerial Positions

DC-7B

Datum: Station 0

VHF	NOTES
Stn 134 CL Stn 78 CL Belly	
LOOP	
Stn 365 CL Belly Stn 395 CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
Fin	
G/P	
Stn -46 Radome	
L-BAND	
-	

Approved Aerial Positions

DC-7C

Datum:

VHF			NOTES
Stn 107	CL		
Stn 75	CL	Belly	
LOOP			
Stn 364.8	CL	Belly	
Stn 394.8	CL	Belly	
LOC/GP/VOR			
-			
ILS/VOR			
Stn 21.5	CL		
G/P			
Stn -86	CL	In Radome	
L-BAND			
-			

Approved Aerial Positions

DC-8

Datum: Station 0

VHF			NOTES
Top of Fin (cowled)			
Stn 370	CL		
Stn 1330	CL	Belly	
 LOOP			
Stn 484	CL	Belly	
Stn 514	CL	Belly	
 LOC/GP/VOR			
-			
 LOC/VOR			
P & S	Fin		
 G/P			
Stn 62	CL	belly	
 L-BAND			
Stn 330	CL	belly	
Stn 570	CL	Belly	
Stn 450	CL	Belly	

Approved Aerial Positions

DC-9

Datum: Station 0

VHF			NOTES
Stn 417	CL	Belly	
Stn 341	CL		
LOOP			
Stn 265	CL		
Stn 303	CL		
LOC/GP/VOR			
-			
LOC/VOR			
P & S	Fin		
G/P			
Radome			
L-BAND			
Stn 384	CL	Belly	
Stn 498	CL	Belly	
Stn 213	CL	Belly	

Approved Aerial Positions

DC-10

Datum: Station 0

VHF			NOTES
Stn 705	CL		
Stn 627	89 mm (3.5") Stbd CL	Belly	
Stn 1731	CL	Belly	
LOOP			
Stn 1028	76 mm (3") Stbd CL	Belly	
Stn 1068	76 mm (3") Stbd CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
P & S	Fin		
G/P			
Stn 275	Port	(In Radome)	
Stn 275	Stbd	(In Radome)	
L-BAND			
Stn 665	89 mm (3.5") Stbd CL	Belly	
Stn 745	89 mm (3.5") Stbd CL	Belly	
Stn 444	406 mm (16") Port CL	Belly	
Stn 444	406 mm (16") Stbd CL	Belly	
Stn 816	89 mm (3.5") Stbd CL	Belly	

Approved Aerial Positions

DESFORD TRAINER

Datum: C of G

VHF	NOTES
241 mm (9.5") Aft CL	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

DHC-2 BEAVER MK 1

Datum: 2096 mm (82.5") Fwd of Wing Leading Edge

VHF	NOTES
2737 mm (107.75") Aft 3631 mm (142.95") Port CL Wing top surface	
3388 mm (133.40") Aft 381 mm (15.00") Port CL Fuselage top	
LOOP	
3966 mm (156.15") Aft 140 mm (5.5") Port CL	
LOC/GP/VOR	
-	
LOC/VOR	
P&S Fin	
G/P	
2343 mm (92.25") Aft 4660 mm (183.45") Stbd CL	
L BAND	
2343 mm (92.25") Aft CL Fuselage top	
5715 mm (225.0") Aft 51 mm (2") Stbd CL	
7203 mm (283.6") Aft 51 mm (2") Stbd CL	

Approved Aerial Positions

DHC-6 TWIN OTTER

Datum: 526 mm (20.7") Aft of Nose Tip

VHF			NOTES
*9373 mm (369") Aft	CL	Belly	
3302 mm (130") Aft	508 mm (20") Port CL		
6807 mm (268") Aft	51 mm (2") Port CL		
 LOOP			
3312 mm (130.4") Aft	216 mm (8.5") Stbd CL		
4369 mm (172") Aft	216 mm (8.5") Stbd CL		
6502 mm (256") Aft	51 mm (2") Port CL		
 LOC/GP/VOR			
-			
 LOC/VOR			
14122 mm (556") Aft	P & S	Fin	
 G/P			
Nose Radome	Internal		
 L-BAND			
10122 mm (398.5") Aft	51 mm (2") Stbd CL	Belly	
2637 mm (103.8") Aft	229 mm (9") Port CL	Belly	
2032 mm (80") Aft	406 mm (16") Port CL	Belly	

Approved Aerial Positions

DHC-7

Datum: X0.00

VHF			NOTES
X295	Str 1S		
X394	CL	Belly	
X658	CL		
 LOOP			
X438.02	CL	Belly	
X502.8	CL	Belly	
 LOC/GP/VOR			
-			
 LOC/VOR			
P & S	Fin		
 G/P			
X97.75	Z98	(In Radome)	
 L-BAND			
X123	CL	Belly	
X551.5	Y5.93 Port	Belly	
X302.05	Y18 Port	Belly	
X302.05	Y18 Stbd	Belly	

Approved Aerial Positions

DH80A PUSS MOTH

Datum:

VHF	NOTES
2667 mm (105") Aft 76 mm (3") Stbd CL 2667 mm (105") Aft CL Belly	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

DH82A TIGER MOTH

Datum:

VHF	NOTES
Rear face front spar 191 mm (7.5") Stbd rib H37759 Top Stbd mainplane 2057 mm (81") Aft of Wing Lower leading Edge 76 mm (3") Fwd of wing Trailing Edge, 102 mm (4") Stbd CL Belly	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

DH85 LEOPARD MOTH

Datum:

VHF	NOTES
Cabin roof CL	
LOOP	
572 mm (22.5") Fwd L.E. Tailplane CL	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

DH87B

Datum: C of G

VHF	NOTES
914 mm (36") Aft 89 mm (3.5") Stbd CL 2032 mm (80") Aft 254 mm (10") Port CL (Internal)	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

DH89A RAPIDE

Datum: Main front spar

VHF	NOTES
2819 mm (111") Aft CL 991 mm (39") Fwd 102 mm (4") Stbd CL 2388 mm (94") Aft 64 mm (2.5") Stbd CL 3353 mm (132") Aft 64 mm (2.5") Stbd CL 2769 mm (109") Aft 241 mm (9.5") Port CL 2819 mm (111") Aft CL 2515 mm (99") Aft CL 965 mm (38") Fwd CL 3150 mm (124") Aft CL (Internal)	
LOOP Above and behind Pilot 279 mm (11") Port CL (Internal) 559 mm (22") Fwd CL 965 mm (38") Fwd 305 mm (12") Stbd CL	
HOMING LOOP 572 mm (22.5") Fwd CL	
LOC/GP/VOR 914 mm (36") Fwd Cabin bulkhead CL Belly	
LOC/VOR P & S Fin 3607 mm (142") Aft CL (Internal)	
G/P Nose	
L-BAND -	

Approved Aerial Positions

DH90/DH90A DRAGONFLY

Datum:

VHF	NOTES
2337 mm (92") Aft Mainplane L.E. Stbd CL 2896 mm (114") Aft CL Fuselage Internal	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
3785 mm (149") Aft CL Fuselage Internal	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

DH104 DOVE

Datum: C of G Datum Plate (792 mm (31.2") Aft of Forward Vertical Datum)

VHF			L-BAND		
959 mm (37.75") Fwd	318 mm (12.5") Port CL	533 mm (21") Aft 203 mm (8") Stbd CL	4940 mm (194.5") Aft	CL	Belly
533 mm (21") Aft	203 mm (8") Stbd CL		1753 mm (69") Aft	216 mm (8.5") Port CL	Belly
572 mm (22.5") Aft	CL		3378 mm (133") Aft	279 mm (11") Stbd CL	Belly
2565 mm (101") Aft	229 mm (9") Stbd CL		2019 mm (79.5") Fwd	127 mm (5") Stbd CL	Belly
1575 mm (62") Aft	229 mm (9") Port CL	Belly	3251 mm (128") Fwd	191 mm (7.5") Port CL	Belly
Fwd side Pilots Bulkhead	368 mm (14.5") Port CL	Belly	3886 mm (153") Aft	229 mm (9") Port CL	Belly
1340 mm (52.75") Aft	CL	Belly	1321 mm (52") Fwd	356 mm (14") Stbd CL	Belly
203 mm (8") Fwd	368 mm (14.5") Port CL	Belly	5486 mm (216") Aft	279 mm (11") Stbd CL	Belly
838 mm (33") Aft	CL				
Beneath Port Wing					
Between Ribs 11 and 12					
3454 mm (136") AFT	76 mm (3") Port CL				
 LOOP			 NOTES		
Cockpit Canopy					
1080 mm (42.5") Aft	CL	Belly			
102 mm (4") Fwd	CL	Belly			
1651 mm (65") Fwd	CL	Belly			
762 mm (30") Aft	CL				
1880 mm (74") Aft	343 mm (13.5") Stbd CL	Belly			
292 mm (11.5") Fwd	64 mm (2.5") Port CL	Belly			
813 mm (32") Aft	64 mm (2.5") Port CL	Belly			
At Datum	356 mm (14") Port CL	Belly			
686 mm (27") Fwd	CL	Belly			
At Datum	CL				
1194 mm (47") Fwd	76 mm (3") Stbd CL	Belly			
 LOC/GP/VOR					
102 mm (4") Aft	CL				
 LOC/VOR					
P & S	Fin				
838 mm (33") Aft	CL				
 G/P					
Nosewheel Door					
Fwd Canopy Roof CL	(Internal)				

Approved Aerial Positions

DH 112/VENOM MK1

Datum: 318 mm (12.5") Fwd of Engine Bulkhead

VHF	NOTES
1422 mm (56") Aft ON Stbd Boom	

Approved Aerial Positions

DORNIER DO.28

Datum: L.E. of Slats

VHF	NOTES
1067 mm (42") Aft 673 mm (26.5") Stbd CL 3213 mm (126.5") Aft 64 mm (2.5") Stbd CL Belly	
LOOP	
2870 mm (113") Aft CL	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
Nosecap	
L-BAND	
-	

Approved Aerial Positions

DORNIER DO.228-100 SERIES

Datum: (Stn = 0) Defined to be situated 1727 mm in front of the fuselage nose tip

VHF			OMEGA		
Stn 5003 mm	Stbd CL	Belly	Stn 10507 mm	40 mm Port CL	Fuselage top
Stn 5003 mm	Port CL	Belly			
Stn 8678 mm	CL	Fuselage top			
Stn 5378 mm	Port CL	Belly			
Stn 11045 mm	56mm Stbd CL	Belly			
			RADAR		
			Stn 2068 mm	CL	Nose tip
LOOP					
Stn 5910 mm	180 mm Port CL	Belly			
Stn 5910 mm	180 mm Stbd CL	Belly			
Stn 5823 mm	180 mm Port CL	Belly			
Stn 5823 mm	180 mm Stbd CL	Belly			
VOR/GS					
Stn 15604 mm	CL Port	Box spar			
Vertical stabilator	4831 mm	Horizontal datum			
Stn 15604 mm	CL Stbd	Box spar vertical stabilator, 4831 mm horizon depth			
LOC/VOR					
Stn 6301 mm	428 mm Port CL	Belly			
L-BAND					
Stn 6370 mm	426 mm Stbd CL	Belly			
Stn 11606 mm	Stbd CL	Belly			
RAD ALT					
Stn 4833 mm	377 mm Stbd CL	Belly			
Stn 5438 mm	420 mm Stbd CL	Belly			

Approved Aerial Positions

DORNIER DO.228-200 SERIES

Datum: (Stn = 0) Defined to be situated 965 mm in front of the fuselage nose tip

VHF			OMEGA		
Stn 4241 mm	Stbd CL	Belly	Stn 11269 mm	40 mm Port CL	Fuselage top
Stn 4241 mm	Port CL	Belly			
Stn 8720 mm	CL	Fuselage top			
Stn 4616 mm	Port CL	Belly			
Stn 11407 mm	56mm Stbd CL	Belly			
			RADAR		
			Stn 1306 mm	CL	Nose tip
LOOP					
Stn 5910 mm	180 mm Port CL	Belly			
Stn 5910 mm	180 mm Stbd CL	Belly			
Stn 5823 mm	180 mm Port CL	Belly			
Stn 5823 mm	180 mm Stbd CL	Belly			
VOR/GS					
Stn 16367 mm	CL Port	Box spar			
Vertical stabilator	4831 mm	Horizontal datum			
Stn 16367 mm	CL Stbd	Box spar vertical stabilator, 4831 mm horizon depth			
LOC/VOR					
Stn 6277 mm	428 mm Port CL	Belly			
L-BAND					
Stn 6370 mm	426 mm Stbd CL	Belly			
Stn 12369 mm	Stbd CL	Belly			
RAD ALT					
Stn 4071 mm	377 mm Stbd CL	Belly			
Stn 4676 mm	420 mm Stbd CL	Belly			

Approved Aerial Positions

EDGLEY EA7 OPTICA

Datum: 3000 mm Fwd of WLE

VHF			NOTES
3405.5 mm Aft	5450 mm Port (under Wing)		
3405.5 mm Aft	5450 mm Stbd (under Wing)		
LOOP			
3237 mm Aft	CL	Belly	
LOC/GP/VOR			
3219 mm Aft	CL		
LOC/VOR			
-			
G/P			
-			
L-BAND			
1372 mm Aft	440 mm Port CL	Belly	
1372 mm Aft	440 mm Stbd CL	Belly	

Approved Aerial Positions

EMBRAER 110P1 & 110P2

Datum: Station 0

VHF			NOTES
Stn 3510	50 mm Port CL	Belly	
Stn 7500	CL		
LOOP			
Stn 5663	CL	Belly	
Stn 8266	CL	Belly	
Stn 5620	CL		
Stn 6500	CL		
Stn 5360	200 mm Stbd CL	Belly	
Stn 6200	200 mm Stbd CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
P & S	Fin		
G/P			
Radome			
L-BAND			
Stn 2700	180 mm Stbd CL	Belly	
Stn 6290	200 mm Stbd CL	Belly	
Stn 3880	270 mm Stbd CL	Belly	
Stn 5600	120 mm Port CL	Belly	
Stn 4905	200 mm Stbd CL	Belly	
Stn 6330	200 mm Port CL	Belly	

Approved Aerial Positions

EMBRAER 120 BRASILIA

Datum: Station 0

VHF			NOTES
Stn 4992	CL		
Stn 5790	CL	Belly	
Stn 10870	CL		
 LOOP			
Stn 7654.7	CL		
 LOC/GP/VOR			
-			
 LOC/VOR			
P & S	Fin		
 G/P			
Radome			
 L-BAND			
Stn 2364	CL	Belly	
Stn 3596.5	CL	Belly	
Stn 6047.6	CL	Belly	
Stn 4214	CL	Belly	
 OMEGA			
Stn 11715	CL		

Approved Aerial Positions

EMBRAER 121

Datum: Station 0

VHF			NOTES
Stn 5518	CL		
Stn 7467	CL	Belly	
LOOP			
Stn 7442.2	CL		
Stn 8356.6	CL		
LOC/GP/VOR			
P & S	Fin		
LOC/VOR			
-			
G/P			
Radome			
L-BAND			
Stn 5003.8	355.6 mm Port CL	Belly	
Stn 3124.2	CL	Belly	
Stn 5890	850 mm Port CL	Belly	
Stn 5890	850 mm Stbd CL	Belly	

Approved Aerial Positions

ENSTROM F28 SERIES & 280 SERIES

Datum: 2540 mm (100") Fwd Rotor Mast

VHF	NOTES
3734 mm (147") Aft 114 mm (4.5") Port CL 5423 mm (213.5") Aft 64 mm (2.5") Port CL Belly 4191 mm (165") Aft 89 mm (3.5") Port CL Belly	
LOOP	
4216 mm (166") Aft 89 mm (3.5") Stbd CL Belly 3810 mm (150") Aft 127 mm (5") Stbd CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
3734 mm (147") Aft 102 mm (4") Stbd CL Belly 4699 mm (185") Aft P & S Boom 635 mm (25") Aft CL Belly	
G/P	
-	
L-BAND	
1448 mm (57") Aft 229 mm (9") Port CL Belly 1016 mm (40") Aft CL Belly	

Approved Aerial Positions

ENSTROM 480

Datum: 3642 mm (143.4") Fwd Main Rotor Hub CL

VHF

2398 mm (94.4") Aft 432 mm (17") Stbd CL Belly

LOOP

6106 mm (240.4") Aft Port & Stbd Tail Boom Belly

LOC/GP/VOR

–

LOC/VOR

–

G/P

–

L-BAND

1267 mm (49.9") Aft CL Belly

Approved Aerial Positions

EP9

Datum: C of G

VHF	NOTES
127 mm (5") Aft 114 mm (4.5") Stbd CL	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

ERCOUPE 415

Datum: Engine Bulkhead

VHF	NOTES
1981 mm (78") Aft CL 1422 mm (56") Aft CL	
LOOP	
-	
LOC/GP/VOR	
56") Aft	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

FAIRCHILD 24R-46A ARGUS III

Datum: LE 1448 mm (57") Outboard

VHF

1829 mm (72") Aft front spa 64 mm (2.5") Stbd CL
305 mm (12") Aft 508 mm (20") Port CL

LOOP

-

LOC/GP/VOR

-

LOC/VOR

-

G/P

-

L-BAND

-

NOTES

Approved Aerial Positions

FALCO F8L

Datum: Fwd face of Firewall

VHF	NOTES
2743 mm (108") Aft 305 mm (12") Port CL (Internal) 2743 mm (108") Aft 305 mm (12") Stbd CL (Internal) 4318 mm (170") Aft 76 mm (3") Stbd CL	
LOOP	
1956 mm (77") Aft 76 mm (3") Port CL Belly 2337 mm (92") Aft CL Belly	
LOC/GP/VOR	
5334 mm (210") Aft CL Belly	
LOC/VOR	
-	
G/P	
-	
L-BAND	
2667 mm (105") Aft 127 mm (5") Port CL Belly	

Approved Aerial Positions

FALCON 20 SERIES E, F & D

Datum: Station 0 (1321 mm (52") Aft of Radome Tip)

VHF			NOTES
9893 mm (389.5") Aft	CL	Belly	
13818 mm (544") Aft	CL		
2438 mm (96") Aft	CL	Belly	
10617 mm (418") Aft	CL	Belly	
 LOOP			
6706 mm (264") Aft	775 mm (30.5") Stbd CL	Belly	
6706 mm (264") Aft	775 mm (30.5") Port CL	Belly	
 LOC/GP/VOR			
P & S	Fin		
 LOC/VOR			
-			
 G/P			
635 mm (25") Fwd	CL		
 L-BAND			
222 mm (8.75") Aft	CL	Belly	
6693 mm (263.5") Aft	400 mm (15.75") Stbd CL	Belly	
6693 mm (263.5") Aft	400 mm (15.75") Port CL	Belly	
Stn 167	CL	Belly	

Approved Aerial Positions

FALCON 900

Datum: Frame 0 (Front Pressure Bulkhead)

VHF	NOTES
2773 mm (109") Aft CL Belly 12210 mm (480") Aft 305 mm (12") Stbd CL Belly Top Vertical Stabiliser	
LOOP	
8818 mm (347") Aft 610 mm (24") Stbd CL Belly 8818 mm (347") Aft 610 mm (24") Port CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
Vertical Stabiliser	
G/P	
Nose Cone	
L-BAND	
4114 mm (162") Aft CL Belly 2326 mm (91") Aft 50 mm (2") Stbd CL Belly 2326 mm (91") Aft 50 mm (2") Port CL Belly 12592 mm (495") Aft CL Belly	
HF	
Vertical Stabiliser Leading Edge	

Approved Aerial Positions

FFA AS202/18A4 BRAVO

Datum: Front face of Engine Firewall

VHF	NOTES
3302 mm (130") Aft 203 mm (8") Stbd CL 1194 mm (47") Aft 368 mm (14.5") Port CL Belly	
LOOP	
889 mm (35") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
-	
L-BAND	
2108 mm (83") Aft 127 mm (5") Port CL Belly	

Approved Aerial Positions

FOKKER F.27 SERIES 200/500

Datum: 6820 mm (268.5") Fwd of front levelling peg

VHF				NOTES
* 100 mm Aft of Stn 6351	CL			* 200 Series only
* 145 mm Fwd of Stn 5445	CL	Belly		** 500 Series only
** Stn 3100	CL			
** 145 mm Fwd of Stn 5445	CL	Belly		
* Stn 11024	CL	Belly		
* Stn 4240-4600	CL	Belly		
LOOP				
* Stn 6020-6350	CL	Belly		
* Stn 6675-7125	CL	Belly		
** Stn 7125-7575	CL	Belly		
** Stn 8475-8925	CL	Belly		
* Stn 11525-12075	CL	Belly		
LOC/GP/VOR				
-				
LOC/VOR				
Stn 3100	CL			
* P & S	Fin			
G/P				
Stn 60	Above Scanner		in Radome	
L-BAND				
* Stn 3640	CL	Belly	200 series	
** Stn 2480-3100	CL	Belly	500 series	
* Stn 12975	CL	Belly	200 series	

Approved Aerial Positions

FOKKER F.28 2000 & 4000

Datum: Station 0 (Nose Tip)

VHF			NOTES
Stn 5555	CL	Belly	
Stn 5555	CL	(Combined)	
 LOOP			
Stn 9055	CL		
Stn 9555	CL		
 LOC/GP/VOR			
-			
 LOC/VOR			
Stn 5555	CL	(Combined)	
 G/P			
Radome			
 L-BAND			
Stn 10555	560 mm Port CL	Belly	
Stn 16360	560 mm Stbd CL	Belly	
Stn 6555	CL	Belly	

Approved Aerial Positions

FORNEY F1A

Datum: Engine Bulkhead

VHF	NOTES
1981 mm (78") Aft CL	
1422 mm (56") Aft CL	
 LOOP	
-	
 LOC/GP/VOR	
1422 mm (56") Aft CL	
 LOC/VOR	
-	
 G/P	
-	

Approved Aerial Positions

FOURNIER RF.4

Datum: Leading Edge at Wing Root

VHF	NOTES
1372 mm (54") Aft CL (Internal)	
1727 mm (68") Aft CL	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
762 mm (30") Aft CL Belly	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

FUJI FA 200

Datum: 1321 mm (52") Fwd of lower portion of Firewall

VHF	NOTES
4826 mm (190") Aft 102 mm (4") Port CL	
5423 mm (213.5") Aft 64 mm (2.5") Stbd CL	
LOOP	
2540 mm (100") Aft 191 mm (7.5") Stbd CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
Lower edge of Windscreen	
4039 mm (159") Aft 25 mm (1") Stbd CL Belly	
L-BAND	
3200 mm (126") Aft 292 mm (11.5") Stbd CL Belly	
2337 mm (92") Aft 330 mm (13") Port CL Belly	
1753 mm (69") Aft 76 mm (3") Port CL Belly	

Approved Aerial Positions

GARDAN GY.80

Datum: Wing L.E. outboard of tapered section

VHF	NOTES
1600 mm (63") Aft 51 mm (2") Stbd CL	
LOOP	
1524 mm (60") Aft CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
-	
G/P	
Top of Windscreen (Internal)	
L-BAND	
203 mm (8") Aft 356 mm (14") Stbd CL	
279 mm (11") Fwd 178 mm (7") Stbd CL Belly	
1829 mm (72") Aft CL Belly	

Approved Aerial Positions

GEMINI

Datum:

VHF	NOTES
457 mm (18") Aft Frame 7 CL Catwalk 1270 mm (50") Fwd Tailplane L.E. CL Catwalk 508 mm(20") Fwd Tailplane L.E. CL 1880 mm (74") Fwd rear tip of fuselage CL 76 mm (3") Aft rear cabin bulkhead CL	
LOOP	
762 mm (30") Aft Frame 7 CL 2438 mm (96") Fwd Tailplane L.E. CL 622 mm (24.5") Aft rear cabin bulkhead Internal	
SENSE	
2515 mm (99") Aft Frame 7 Tailplane CL 2337 mm (92") Fwd Tailplane L.E. CL 1981 mm (78") Aft cabin rear bulkhead	
LOC/GP/VOR	
-	
LOC/VOR	
3759 mm (148") Aft Frame 7 Tailplane CL	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

GLASER-DIRKS DG 400

Datum:

VHF

Internal Fin

CL

Approved Aerial Positions

GLASER-DIRKS DG 800A

Datum:

VHF	NOTES
Vertical Stabiliser	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

GLOSTER METEOR NFII

Datum:

VHF	NOTES
4369 mm (172") Aft CL	
5410 mm (213") Fwd CL Belly	
LOOP	
2819 mm (111") Fwd 102 mm (4") Port CL Belly	
LOC/GP/VOR	
4826 mm (190") Aft 356 mm (14") Port & Stbd CL	
LOC/VOR	
-	
G/P	
-	
L-BAND	
4521 mm (178") Aft CL Belly	
2819 mm (111") Fwd 457 mm (18") Port CL Belly	

Approved Aerial Positions

GROB G109B

Datum: Wing Leading Edge (Station 0)

VHF	NOTES		
Station 0 CL			
LOOP			
1143 mm (45") Aft CL Belly			
LOC/GP/VOR			
Suppressed in Fin			
LOC/VOR			
-			
G/P			
-			
L-BAND			
432 mm (17") Fwd 330 mm (13") Port CL Belly			
406 mm (16") Fwd 330 mm (13") Stbd CL Belly			

Approved Aerial Positions

GROB G115

Datum: Wing Leading Edge – outboard of tapered section

VHF	NOTES
864 mm (34") Aft 330 mm (13") Port CL Belly	
864 mm (34") Aft 330 mm (13") Stbd CL Belly	
LOOP	
1524 mm (60") Aft CL Belly	
LOC/GP/VOR	
1524 mm (60") Aft CL (internal)	
LOC/VOR	
-	
G/P	
-	
L-BAND	
203 mm (8") Fwd 330 mm (13") Port CL Belly	
203 mm (8") Fwd 330 mm (13") Stbd CL Belly	

Approved Aerial Positions

GRUMMAN AMERICAN AA1 SERIES

Datum: 1270 mm (50") Fwd of Firewall

VHF	NOTES
3607 mm (142") Aft 51 mm (2") Stbd CL	
4267 mm (168") Aft 51 mm (2") Stbd CL Belly	
LOOP	
2896 mm (114") Aft CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
P & S Fin	
G/P	
-	
L-BAND	
2896 mm (114") Aft 432 mm (17") Stbd CL Belly	
1422 mm (56") Aft 470 mm (18.5") Stbd CL Belly	

Approved Aerial Positions

GRUMMAN AMERICAN AA5 SERIES/AMERICAN GENERAL AG-5B

Datum: 1270 mm (50") Fwd of Firewall

VHF			NOTES
4267 mm (168") Aft	51 mm (2") Stbd CL		
4851 mm (191") Aft	76 mm (3") Port CL		
3302 mm (130") Aft	102 mm (4") Port CL	Belly	
 LOOP			
* 3708 mm (146") Aft	102 mm (4") Port CL	Belly	
3150 mm (124") Aft	330 mm (13") Stbd CL	Belly	
 LOC/GP/VOR			
P & S	Fin		
 LOC/VOR			
-			
 G/P			
Top of windscreen	(Internal)		
 L-BAND			
2299 mm (90.5") Aft	165 mm (6.5") Port CL	Belly	
2299 mm (90.5") Aft	165 mm (6.5") Stbd CL	Belly	
4293 mm (169") Aft	51 mm (2") Port CL	Belly	
3353 mm (132") Aft	127 mm (5") Port CL	Belly	
1143 mm (45") Aft	330 mm (13") Stbd CL	Belly	
5004 mm (197") Aft	CL	Belly	

* Torque tube fouled by Loop mounted on the Centre Line (GASIL 4/81, dated 24/4/81, refers)

Approved Aerial Positions

GRUMMAN AMERICAN GA-7

Datum: 1270 mm (50") Fwd of Front Bulkhead

VHF			NOTES
3810 mm (150") Aft	64 mm (2.5") Port CL	(Combined)	
2235 mm (88") Aft	305 mm (12") Port CL	Belly	
5080 mm (200") Aft	76 mm (3") Port CL		
 LOOP			
3962 mm (156") Aft	CL	Belly	
3810 mm (150") Aft	64 mm (2.5") Port CL	(Combined)	
4724 mm (186") Aft	241 mm (9.5") Port CL	Belly	
 LOC/GP/VOR			
P & S	Fin		
 LOC/VOR			
P & S	Fin		
 G/P			
Windscreen	(Internal)		
 L-BAND			
2286 mm (90") Aft	457 mm (18") Stbd CL	Belly	
2286 mm (90") Aft	457 mm (18") Port CL	Belly	
1219 mm (48") Aft	381 mm (15") Stbd CL	Belly	
305 mm (12") Aft	254 mm (10") Port CL	Belly	
4902 mm (193") Aft	330 mm (13") Port CL	Belly	

Approved Aerial Positions

GRUMMAN G159 GULFSTREAM 1

Datum: 203 mm (8") Fwd of Nose Radome

VHF			NOTES
Stn 240.5	CL		
Stn 117.75	CL		
Stn 276	CL	Belly	
 LOOP			
Stn 398.74	CL	Belly	
Stn 445.06	CL	Belly	
Stn 322.5	CL		
Stn 466.5	CL		
 LOC/GP/VOR			
-			
 LOC/VOR			
Stn 117.75	CL		
 G/P			
Stn 40.5	CL	(Radome)	
 L-BAND			
Stn 477.56	CL	Belly	
Stn 231.41	CL	Belly	
Stn 141	CL	Belly	
Stn 267	CL	Belly	
Stn 109	CL	Belly	

Approved Aerial Positions

GRUMMAN G1159 GULFSTREAM 2

Datum: 203 mm (8") Fwd of Nose Radome

VHF			NOTES
Stn 275	CL	Belly	
Stn 234	CL		
LOOP			
Stn 264	CL		
Stn 360	CL		
Stn 392.5	CL		
LOC/GP/VOR			
-			
LOC/VOR			
P & S	Fin		
G/P			
Radome	Stn 44		
L-BAND			
Stn 172	CL	Belly	
Stn 226	CL	Belly	
Stn 200	CL	Belly	
Stn 562	CL	Belly	
Stn 252	CL	Belly	
Stn 526	CL	Belly	

Approved Aerial Positions

GRUMMAN G1159A GULFSTREAM 3

Datum: Station 0

VHF			NOTES
Stn 237	CL		
Stn 279	CL	Belly	
Stn 532.75	CL	Belly	
 LOOP			
Stn 272	CL		
 LOC/GP/VOR			
-			
 LOC/VOR			
Stn 780	WL 198	(P & S Fin)	
 G/P			
Stn 44 Internal)	CL	(Nose	
 L-BAND			
Stn 172.75	CL	Belly	
Stn 226	CL	Belly	
Stn 193 + 15.78	CL	Belly	
Stn 562.34	CL	Belly	

Approved Aerial Positions

GRUMMAN G164A

Datum:

VHF	NOTES
On CL Fwd of fixed section Cabin Roof	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

GYROFLUG SC01B 160

Datum: 800 mm (31.5") Fwd of Canard Leading Edge

VHF	NOTES
Port Winglet	
LOOP	
2388 mm (94") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
Inside Starboard Wing	
G/P	
-	
L-BAND	
1854 mm (73") Aft CL Belly	

Approved Aerial Positions

HARVARD AT6D

Datum: Wing L.E.

VHF	NOTES
4597 mm (181") Aft CL	
3531 mm (139") Aft CL	
LOOP	
3797 mm (149.5") Aft CL	
ILS/VOR	
-	
LOC/GP/VOR	
-	
LOC/VOR	
356 mm (14") Aft CL Belly	
G/P	
-	
L-BAND	
2438 mm (96") Aft	
2896 mm (114") Aft	483 mm (19") Port CL Belly
	178 m (7") Stbd CL Belly

Approved Aerial Positions

HARVARD MK 4

Datum: Wing L.E.

VHF

3724 mm (147" Aft)	76 mm (3") Stbd CL	Belly
2896 mm (114" Aft)	228 mm (9") Port CL	Belly

Approved Aerial Positions

HELIO H-295 & H-395

Datum: 1524 mm (60") Fwd of Station 0

VHF	NOTES
2616 mm (103") Aft 229 mm (9") Port CL 2870 mm (113") Aft 305 mm (12") Stbd CL	
LOOP	
4267 mm (168") Aft CL Belly 3048 mm (120") Aft CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
P & S Fin	
G/P	
-	
L-BAND	
3429 mm (135") Aft 229 mm (9") Port CL Belly 2108 mm (83") Aft CL Belly	

Approved Aerial Positions

HERALD (DART) 100 SERIES

Datum: Reference: Stations quoted are in inches aft of the nose

VHF	NOTES
Suppressed Fin Ae Stn 127.5 CL Stn 160 CL Belly	
LOOP	
Stn 268 CL Stn 365.5 CL Belly Stn 268 CL Stn 384.5 CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
Nose	
L-BAND	
Stn 240 CL Belly	

Approved Aerial Positions

HERALD (DART) 200 SERIES

Datum: Reference: Stations quoted are in inches aft of nose

VHF			NOTES
Fin Stn 127.5	(Suppressed) CL		
LOOP			
Stn 310.6	CL		
Stn 271.6	CL		
Stn 370.3	CL	Belly	
Stn 466.7	CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
P & S	Fin		
G/P			
Nose Stn 13.55	CL	In Radome	
L-BAND			
Stn 165.35	69 mm (2.7") Port CL	Belly	
Stn 498	69 mm (2.7") Port CL	Belly	
Stn 307.3	76 mm (3") Port CL	Belly	

Approved Aerial Positions

HERON

Datum: C of G Datum Plate (792 mm (31.2") Aft of Forward Vertical Datum)

VHF			G/P		
819 mm (32.25") Fwd	203 mm (8") Port CL		Nosewheel Door		
1187 mm (46.75") Aft	203 mm (8") Stbd CL				
2337 mm (92") Fwd	311 mm (12.25") Port CL				
819 mm (32.25") Fwd	203 mm (8") Stbd CL				
1187 mm (46.75") Aft	203 mm (8") Port CL		L-BAND		
1467 mm (57.75") Aft	CL		1753 mm (69") Aft	216 mm (8.5") Port CL	Belly
1568 mm (61.75") Aft	CL		2769 mm (109") Aft	222 mm (8.75") Port CL	Belly
1035 mm (40.75") Fwd	CL	(Combined)	4750 mm (187") Aft	222 mm (8.75") Port CL	Belly
1118 mm (44") Aft	CL	Belly	3404 mm (134") Fwd	229 mm (9") Port CL	Belly
LOOP			NOTES		
Cockpit Canopy					
597 mm (23.5") Fwd	CL				
356 mm (14") Fwd	57 mm (2.25") Port CL	Belly			
2845 mm (112") Aft	343 mm (13.5") Stbd CL	Belly			
2108 mm (83") Aft	356 mm (14") Port CL	Belly			
1613 mm (63.5") Fwd	57 mm (2.25") Stbd CL	Belly			
451 mm (17.75") Fwd	89 mm (3.5") Port CL	Belly			
1689 mm (66.5") Fwd	89 mm (3.5") Port CL	Belly			
SENSE					
2337 mm (92") Fwd	311 mm (12.25") Port CL				
2337 mm (92") Fwd	311 mm (12.25") Stbd CL				
LOC/GP/VOR					
-					
LOC/VOR					
P & S	Fin				
1035 mm (40.75") Fwd	CL	(Combined)			
1448 mm (57") Aft	CL				
LOC					
-					

Approved Aerial Positions

HILLER UH12A/UH12C/UH12E & FH 1100

Datum: Station 0 = 2724 mm (107.25") Fwd of taqil boom - fuselage upper mounting face

VHF	NOTES
Stn 30 CL Belly Boom Stn 152.5 CL Under	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
Stn 39.75 146 mm (5.75") Port CL Belly	

Approved Aerial Positions

HILLER UH12E4

Datum:

VHF	NOTES
Body Stn 1.5 152 mm (6") Stbd CL Belly -	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

HP.137 JETSTREAM & BAe JETSTREAM 31

Datum: Station 0

VHF	NOTES
Stn 145 Between Stringers CL & 7° Stbd Stn 230 Between Stringers CL & 7° Stbd Stn 170 260 mm (10.25") Port CL Stn 270 260 mm (10.25") Stbd CL Stn 319 CL	
LOOP	
Stn 187 CL Stn 269 CL Stn 396 CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
Radome Bulkhead above Radar Transceiver Bottom of Radome	
L-BAND	
Stn 81.25 127 mm (5") Stbd CL Belly Stn 120.75 292 mm (11.5") Stbd CL Belly Stn 81.25 127 mm (5") Stbd CL Belly Stn 134 Between Stringers 170°-177° Stbd Belly	

Approved Aerial Positions

HS125-200 & 400 SERIES

Datum: Station 114 – Radome Bulkhead

VHF	NOTES
1829 mm (72") Aft 246 mm (9.7") Port CL Belly 4178 mm (164.5") Aft CL Fin Cap Suppressed	
LOOP	
2223 mm (87.5") Aft CL 3226 mm (127") Aft CL	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin L.E. Nose Suppressed	
G/P	
Port Wing L.E. Rib 16 Radome	
L-BAND	
5080 mm (200") Aft CL Belly 5994 mm (236") Aft CL Belly 4661 mm (183.5") Aft 572 mm (22.5") Stbd CL Belly 8788 mm (346") Aft 152 mm (6") Stbd CL Belly 3429 mm (135") Aft CL Belly	
UHF	
1829 mm (72") Aft 246 mm (9.7") Port CL Belly	

Approved Aerial Positions

HS125-600 & 700 SERIES

Datum: 0" = Nose Bulkhead Station 0 = 2286 mm (90") Fwd of Nose Bulkhead

VHF	NOTES
Fin Cap (Suppressed) 6883 mm (271") Aft CL Belly (Stn 362)	
LOOP	
2845 mm (112") Aft CL (Stn 202)	
4293 mm (169") Aft CL (Stn 259)	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Nose (Suppressed)	
G/P	
Radome	
L-BAND	
3988 mm (157") Aft CL Belly (Stn 247)	
5690 mm (224") Aft CL Belly (Stn 314)	
10262 mm (404") Aft CL Belly (Stn 494)	
6223 mm (245") Aft CL Belly (Stn 335)	
4521 mm (178") Aft CL Belly (Stn 268)	

Approved Aerial Positions

HS125-800

Datum: Station 0

VHF			NOTES
Fin Cap Stn 362	(Suppressed) CL	Belly	
LOOP			
Stn 298	8 mm (0.3") Stbd CL		
LOC/GP/VOR			
-			
LOC/VOR			
P & S	Nose	(Suppressed)	
G/P			
Radome			
L-BAND			
Stn 268	CL	Belly	
Stn 335	CL	Belly	
Stn 314	CL	Belly	
Stn 434	CL	Belly	

Approved Aerial Positions

HS 125-1000

Datum: Station 0

HF			NOTES
Fin Cap	(Suppressed)		
Stn 360	CL	Belly	
Stn 229	CL		
LOOP			
Stn 257	CL		
Stn 304	C L		
LOC/VOR			
P&S	Fin		
G/P			
Radome			
L-BAND			
Stn 280	CL	Belly	
Stn 353	CL	Belly	
Stn 310	CL	Belly	
Stn 431	CL	Belly	
Stn 240	CL	(Mode S)	
GPS			
Stn 220	CL		

Approved Aerial Positions

HUGHES 269A

Datum: 2540 mm (100") Fwd of CL of Main Rotor

VHF	NOTES
Stn 214 Underside Tailboom 1092 mm (43") Aft 51 mm (2") Port CL Belly	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
Stn 68 305 mm (12") Stbd CL Belly	

Approved Aerial Positions

HUGHES 369

Datum: 2540 mm (100") Fwd of Rotor Hub CL

VHF			NOTES
3962 mm (156") Aft	CL		* Not applicable to aircraft fitted with horizontal stabilizer
1118 mm (44") Aft	483 mm (19") Stbd CL	Belly	
1118 mm (44") Aft	76 mm (3") Stbd CL	Belly	
** 1283 mm (50.5") Aft	191 mm (7.5") Stbd CL	Belly	** Note 'Fargo' cargo pod fitted to Southernair Mod No SAAD Mod 238
** 1283 mm (50.5") Aft	191 mm (7.5") Port CL	Belly	
1118 mm (44") Aft	178 mm (7") Port CL		
1626 mm (64") Aft	76 mm (3") Stbd CL	Belly	
LOOP			
1626 mm (64") Aft	76 mm (3") Port CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
Bottom of Windscreen			
* 7366 mm (290") Aft	LE of vertical stabilizer		
3226 mm (127") Aft	76 mm (3") Port CL	Belly	
3912 mm (154") Aft	P & S	engine nacelle	
G/P			
Windscreen	(Internal)		
L-BAND			
1200 mm (47.25") Aft	533 mm (21") Port CL	Belly	
1168 mm (46") Aft	432 mm (17") Port CL	Belly	
3480 mm (137") Aft	178 mm (7") Stbd CL	Belly	
** 1651 mm (65") Aft	241 mm (9.5") Stbd CL	Belly	
** 3048 mm (120") Aft	203 mm (8.0") Stbd CL	Belly	

Approved Aerial Positions

JODEL DR 100A, D 117, D 120, D 150, DR 200, DR 221, DR 250/160, DR 1050, DR 1051

Datum: Root End of Wing LE

VHF			NOTES
381 mm (15") Fwd	76 mm (3") Port CL	Belly	* Applicable only to aircraft with fixed fin ** 5° correction required
* Fin	Suppressed		
2591 mm (102") Aft	CL		
3048 mm (120") Aft	CL		
2057 mm (81") Aft	CL		
1422 mm (56") Aft	267 mm (10.5") Stbd CL	Belly	
 LOOP			
2591 mm (102") Aft	CL	Belly	
2337 mm (92") Aft	CL	Belly	
1702 mm (67") Aft	CL	(Internal)	
** 711 mm (28") Aft	CL	Belly	
 LOC/GP/VOR			
3962 mm (156") Aft	CL	Belly	
 LOC/VOR			
2692 mm (106") Aft	CL	Belly	
* P & S	Fin		
3556 mm (140") Aft	CL	Belly	
 G/P			
Top of Windscreen	76 mm (3") Stbd CL	(Internal)	
1803 mm (71") Aft	CL		
 L-BAND			
2591 mm (102") Aft	CL	Belly	
1753 mm (69") Aft	305 mm (12") Port CL	Belly	
102 mm (4") Aft	51 mm (2") Stbd CL	Belly	
1702 mm (67") Aft	CL	Belly	
1600 mm (63") Aft	76 mm (3") Stbd CL	Belly	

Approved Aerial Positions

JODEL D.140

Datum: Root End of Wing LE

VHF	NOTES
3429 mm (135") Aft CL 2159 mm (85") Aft CL	* Applicable only to aircraft with fixed fin
LOOP	
3556 mm (140") Aft 51 mm (2") Port CL Belly	
LOC/GP/VOR	
*P & S Fin	
LOC/VOR	
*P & S Fin	
G/P	
-	
L-BAND	
2997 mm (118") Aft 305 mm (12") Port CL Belly 2159 mm (85") Aft CL Belly 483 mm (19") Aft 356 mm (14") Port CL Belly	

Approved Aerial Positions

JODEL (CEA) 253, 315, 340, 360, 380

Datum: Wing Leading Edge (outboard of tapered section, if applicable)

VHF	NOTES		
2934 mm (115.5") Aft Fin	CL Suppressed		
LOOP			
3734 mm (147") Aft	CL	Belly	
2692 mm (106") Aft	CL	Belly	
2642 mm (104") Aft	CL		
LOC/GP/VOR			
-			
LOC/VOR			
4001 mm (157.5") Aft	CL	Belly	
G/P			
1067 mm (42") Aft Base of Windscreen	CL (Internal)		
L-BAND			
2184 mm (86") Aft	330 mm (13") Port CL	Belly	
3023 mm (119") Aft	305 mm (12") Port CL	Belly	
1549 mm (61") Aft	76 mm (3") Port CL	Belly	
102 mm (4") Aft	127 mm (5") Stbd CL	Belly	

Approved Aerial Positions

KITTEN DV20

Datum: Leading Edge of Wing

VHF	NOTES
4200 mm (165.3") Aft CL	In Leading Edge of Fin (Suppressed)
LOOP	
1150 mm (45") Aft CL	7° Stbd Alignment
LOC/GP/VOR	
4840 mm (190") Aft 455 mm (18") Port	In Horizontal Stab (Suppressed)
LOC/VOR	
-	
G/P	
-	
L-BAND	
418 mm (16.5") Aft 310 mm (12") P/S Belly	

Approved Aerial Positions

LAKE LA4

Datum: 2305 mm (90.75") Fwd of Wing L.E. next to hull

VHF	NOTES
4102 mm (161.5") Aft CL 5251 mm (206.75") Aft CL	
LOOP	
813 mm (32") Aft 216 mm (8.5") Stbd CL 559 mm (22") Aft 203 mm (8") Stbd CL	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
-	
G/P	
-	
L-BAND	
451 mm (17.75") Aft 222 mm (8.75") Port CL Belly 876 mm (34.5") Aft 298 mm (11.75") Port CL Belly	

Approved Aerial Positions

LEARJET 25B

Datum: 2540 mm (100") Fwd of Nose

VHF	NOTES
11900 mm (468.5") Aft CL 9442 mm (371.75") Aft CL Belly 9296 mm (366") Aft 64 mm (2.5") Stbd CL	
LOOP	
5791 mm (228") Aft CL Belly 7967 mm (314") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
Radome (Upper) Radome (Lower)	
L-BAND	
6439 mm (253.5") Aft CL Belly 8661 mm (341") Aft CL Belly	

Approved Aerial Positions

LEARJET 35A & 36A

Datum: 2203 mm (86.75") Fwd of Nose

VHF			NOTES
8915 mm (351") Aft	178 mm (7") Port CL	Belly	
8357 mm (329") Aft	CL		
6706 mm (264") Aft	CL	Belly	
10338 mm (407") Aft	CL	Belly	
 LOOP			
5385 mm (212") Aft	CL	Belly	
7950 mm (313") Aft	CL	Belly	
 LOC/GP/VOR			
-			
 LOC/VOR			
P & S	Fin		
 G/P			
Radome	(Upper)		
Radome	(Lower)		
 L-BAND			
6121 mm (241") Aft	CL	Belly	
7696 mm (303") Aft	CL	Belly	
8661 mm (341") Aft	CL	Belly	
2845 mm (112") Aft	CL	Belly	

Approved Aerial Positions

LEARJET 55

Datum:

VHF			NOTES
FS 282	CL	Belly	
FS 334	CL		
LOOP			
FS 213	CL	Belly	
FS 316	CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
P & S	Fin		
G/P			
Radome			
L-BAND			
FS 200	CL	Belly	
FS 256	CL	Belly	
FS 298	CL	Belly	
FS 172	CL	Belly	

Approved Aerial Positions

LET Z.37

Datum: Engine Firewall

VHF	NOTES
Top of Fin -	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

LOCKHEED L1011

Datum:

VHF			NOTES
FS 481	CL		
FS 963	CL	Belly	
FS 1595	CL	Belly	
 LOOP			
FS 1123	CL	Belly	
FS 1163	CL	Belly	
 LOC			
Radome	Bulkhead		
 VOR			
Top of Fin			
 G/P			
Radome	Bulkhead		
 L-BAND			
FS 479	CL	Belly	
FS 659	CL	Belly	
FS 559	CL	Belly	
FS 599	CL	Belly	

Approved Aerial Positions

LOCKHEED L-188 ELECTRA

Datum: Station 0 (42" Forward of Nose Tip)

VHF	NOTES
Stn 180.65 (4589 mm) Top CL	
Stn 340 (8636 mm) Belly CL	
LOOP	
Stn 583 (14808 mm) Belly CL	
Stn 683 (17348 mm) Belly CL	
LOC/VOR	
P & S Fin	
G/P	
Stn 43.6 (1107 mm) Behind Radome	
L-BAND	
Stn 287 (7290 mm) Belly CL	
Stn 379.5 (9639 mm) Belly CL	
Stn 401.5 (10198 mm) Belly CL	
Stn 554.25 (14078 mm) Belly CL	

Approved Aerial Positions

MAULE M5-235C & M6-235

Datum: Wing L.E.

VHF	NOTES
178 mm (7") Aft 533 mm (21") Stbd CL 178 mm (7") Aft 533 mm (21") Port CL	
LOOP	
2642 mm (104") Aft 152 mm (6") Port CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
-	
G/P	
-	
L-BAND	
1422 mm (56") Aft 152 mm (6") Port CL Belly 203 mm (8") Fwd 343 mm (13.5") Port CL Belly	

Approved Aerial Positions

MAULE MXT-7-180

Datum: Wing L.E.

VHF

1118 mm (44") Aft 762 mm (30") Stbd CL

1118 mm (44") Aft 762 mm (30") Port CL

LOOP

2642 mm (104") Aft 152 mm (6") Port CL Belly

MARKER

2438 mm (96") Aft 101 mm (4") Stbd CL Belly

L-BAND

203 mm (8") Fwd 343 mm (13.5") Port CL Belly

1422 mm (56") Aft 152 mm (6") Port CL Belly

Approved Aerial Positions

MCDONNELL DOUGLAS 500N

Datum: 2540 mm (100") Fwd of Rotor Hub CL

VHF	NOTES
Stn 100 14" Port L/C	
Stn 100 14" Stbd L/C	
ADF LOOP	
Stn 66 3" Port L/C	
LOC/VOR	
Stn 130 L/C	
L-BAND	
Stn 45 7 $\frac{1}{2}$ " Port L/C	
Stn 45 12 $\frac{1}{4}$ " Stbd L/C	

Approved Aerial Positions

MILES M14 (HAWK)

Datum: Datum Plate Port side fuselage forward

VHF	NOTES
2565 mm (101") Aft CL -	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

MILES M38 (MESSENGER)

Datum:

VHF	NOTES
76 mm (3") Aft Frame 9 CL	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

MITSUBISHI MU 300

Datum: Radome Mounting Frame Station 515

VHF	NOTES
5461 mm (215") Aft 51 mm (2") Port 4813 mm (189.5") Aft 25 mm (1") Stbd CL Belly	
LOOP	
6414 mm (252.5") Aft 51 mm (2") Stbd	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
Radome (Internal)	
L-BAND	
2299 mm (90.5") Aft 25 mm (1") Stbd CL Belly	
2565 mm (101") Aft 25 mm (1") Stbd CL Belly	
3581 mm (141") Aft 102 mm (4") Stbd CL Belly	
4382 mm (172.5") Aft 25 mm (1") Stbd CL Belly	
OMEGA	
3429 mm (135") Aft 140 mm (5.5") Port	

Approved Aerial Positions

MOONEY M20

Datum: Centre Line of nose gear support bolts

VHF	NOTES
3283 mm (129.25") Aft	CL
1524 mm (60") Aft	CL
1156 mm (45.5") Aft	279 mm (11") Port CL
2997 mm (118") Aft	51 mm (2") Stbd CL
3658 mm (144") Aft	CL
3454 mm (136") Aft	51 mm (2") Stbd CL
3251 mm (128") Aft	CL Roof
LOOP	
2921 mm–3086 mm (115"–121.5") Aft CL	Belly
1854 mm (73") Aft	64 mm (2.5") Port CL Belly
3810 mm (150") Aft	38 mm (1.5") Stbd CL Belly
2718 mm (107") Aft	38 mm (1.5") Stbd CL Belly
LOC/GP/VOR	
P & S	Fin
LOC/VOR	
P & S	Fin
G/P	
Base of Windscreen CL	(Internal)
L-BAND	
2946 mm (116") Aft	CL Belly
711 mm (28") Aft	356 mm (14") Stbd CL Belly
3937 mm (155") Aft	38 mm (1.5") Port CL Belly
1206 mm (47.5") Aft	165 mm (6.5") Port CL Belly
559 mm (22") Aft	356 mm (14") Stbd CL Belly
559 mm (22") Aft	356 mm (14") Port CL Belly
2769 mm (109") Aft	51 mm (2") Stbd CL Belly

Approved Aerial Positions

MORANE SAULNIER MS 760

Datum: Fwd face of Cabin front bulkhead Fwd of Rudder Pedals

VHF	NOTES
4851 mm (191") Aft CL 2946 mm (116") Aft 2845 mm (112") Stbd CL Belly 4902 mm (193") Aft 597 mm (23.5") Port CL Belly	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P Above Windscreen (Internal)	
L-BAND 5080 mm (200") Aft 203 mm (8") Stbd CL Belly	

Approved Aerial Positions

MORANE SAULNIER MS880B/885/890/892/893/894/Rallye 100ST, 110ST & 150ST

Datum: Engine Bulkhead

VHF			NOTES
3175 mm (125") Aft	70 mm (2.75") Port CL		* Combined LOOP/VHF COMM Aerial
1270 mm (50") Aft	2413 mm (95") Stbd CL	(Under wing)	
305 mm (12") Fwd Main Spar	3804 mm (149.75")	Outboard of Stbd Belly	
	Wing Root		
3454 mm (136") Aft	64 mm (2.5") Port CL		
 LOOP			
2743 mm (108") Aft	76 mm (3") Port CL	Belly	
* 3175 mm (125") Aft	64 mm (2.5") Stbd CL		
2413 mm (95") Aft	114 mm (4.5") Port CL	Belly	
 LOC/GP/VOR			
P & S	Fin		
 LOC/VOR			
P & S	Fin		
 G/P			
Base of Windscreen	635 mm (25") Aft CL	(Internal)	
 L-BAND			
2134 mm (84") Aft	152 mm (6") Port CL	Belly	
508 mm (20") Aft	254 mm (10") Port CL	Belly	
1118 mm (44") Aft	178 mm (7") Port CL	Belly	
1524 mm (60") Aft	CL	Belly	
991 mm (39") Aft	114 mm (4.5") Stbd CL	Belly	

Approved Aerial Positions

MORAVA L.200A

Datum: Point marked either side of nose

VHF	NOTES
2845 mm (112") Aft 330 mm (13") Port CL Belly	
4750 mm (187") Aft 203 mm (8") Stbd CL Belly	
LOOP	
2057 mm (81") Aft CL Belly	
LOC/GP/VOR	
2057 mm (81") Aft CL	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

NASH PETREL

Datum: Station 0 (Web of Wing Main Spar)

VHF	NOTES
Stn 88.35 CL (on Dorsal Spine Fairing)	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

NDN1T FIRECRACKER

Datum: Station 0

VHF	NOTES
Stn 166.90 (rear of Canopy) 25 mm (1") Port CL Stn 63.95 224 mm (8.8") Stbd CL Belly	
LOOP	
Stn 210 CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
Stn 229.25 P & S Fin Stn 248 CL Belly	
G/P	
152 mm (6") Fwd of Main Spar 127 mm (5") Outboard below Port Wing (Frame 7)	
L-BAND	
Stn 134.20 234 mm (9.2") Stbd CL Belly Stn 63.95 244 mm (9.6") Port CL Belly	

Approved Aerial Positions

NORMAN NAC 6 FIELDMASTER

Datum: Fwd face of Hopper Tank

VHF	NOTES
345 mm (13.6") Aft 213 mm (8.4") Port CL Belly 345 mm (13.6") Aft 213 mm (8.4") Stbd CL Belly 4382 mm (172.5") Aft Cabin Roof	
LOOP	
3844 mm (151.35") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
6238 mm (245.6") Aft Top of Fin	
G/P	
-	
L-BAND	
4757 mm (187.3") Aft CL Belly 6469 mm (254.7") Aft CL Belly	

Approved Aerial Positions

NORD 262

Datum: Tip of Nose

VHF	NOTES
3200 mm (126") Aft CL	
10414 mm (410") Aft 254 mm (10") Port CL Belly	
LOOP	
5918 mm (233") Aft CL	
5969 mm (235") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
3200 mm (126") Aft CL	
G/P	
Lower Radome 178 mm (7") Aft	
L-BAND	
Frame 16 102 mm (4") Port CL Belly	

Approved Aerial Positions

NORD 1002 & 1101

Datum: L.E. of Wing 1003 mm (39.5") from A/C CL

VHF	NOTES
2007 mm (79") Aft 229 mm (9") Stbd CL	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

PARTENAVIA P64B

Datum: Wing Leading Edge

VHF	NOTES
1829 mm (72") Aft CL 3099 mm (122") Aft CL	
LOOP	
279 mm (11") Aft 76 mm (3") Stbd CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
-	
G/P	
-	
L-BAND	
2210 mm (87") Aft 152 mm (6") Stbd CL Belly	
51 mm (2") Fwd 305 mm (12") Stbd CL Belly	

Approved Aerial Positions

PARTENAVIA P68 SERIES

Datum: Wing LE

VHF			NOTES
2180 mm Aft	CL		
522 mm Aft	515 mm Port CL		
1775 mm Aft	CL		
2750 mm Aft	CL		
 LOOP			
465 mm Aft	CL	Belly	
220 mm Aft	CL	Belly	
749 mm Aft	CL		
220 mm Aft	CL	Roof	
 LOC/GP/VOR			
P & S	Fin		
 LOC/VOR			
-			
 G/P			
Nose Cone	(Internal)		
 L-BAND			
1270 mm Fwd	254 mm Port CL	Belly	
609 mm Fwd	254 mm Stbd CL	Belly	
1995 mm Fwd	CL	Belly	
1560 mm Fwd	CL	Belly	
2800 mm Aft	CL	Belly	

Approved Aerial Positions

PIAGGIO P.166

Datum: Frame 0

VHF	NOTES
1385 mm (54.52") Aft 508 mm (20") Port CL Belly 2400 mm (94.5") Aft CL 2400 mm (94.5") Aft 254 mm (10") Stbd CL 2400 mm (94.5") Aft 254 mm (10") Port CL 406 mm (16") Aft Frame 7 CL 711 mm (28") Aft 229 mm (9") Stbd CL Belly 3505 mm (138") Aft CL	
LOOP	
3950 mm (155.5") Aft CL Belly Midway Frame 9 & 9 1/2 CL Belly 4724 mm (186") Aft 19 mm (0.75") Stbd CL Belly 3353 mm (132") Aft CL Belly	
LOC/GP/VOR	
2083 mm (82") Aft CL	
LOC/VOR	
Top of Fin Station 6 102 mm (4") above Rib 3 241 mm (9.5") Fwd trailing edge of Fin	
G/P	
Nose Station 0	
L-BAND	
2134 mm (84") Aft 381 mm (15") Port CL Belly	

Approved Aerial Positions

PIERRE ROBIN CEA DR300 & DR400 SERIES

Datum: Wing LE (Outboard of tapered section, if applicable)

VHF			NOTES
2921 mm (115") Aft	CL		
Fin	Suppressed		
1956 mm (77") Aft	254 mm (10") Stbd CL	Belly	
2845 mm (112") Aft	CL	(Internal)	
1422 mm (56") Aft	267 mm (10.5") Stbd CL	Belly	
762 mm (30") Aft	191 mm (7.5") Stbd CL	Belly	
2845 mm (112") Aft	CL		
406 mm (16") Aft	203 mm (8") Stbd CL	Belly	
LOOP			
3734 mm (147") Aft	CL	Belly	
2692 mm (106") Aft	CL	Belly	
LOC/GP/VOR			
4001 mm (157.5") Aft	CL	Belly	
LOC/VOR			
-			
G/P			
1067 mm (42") Aft	CL		
3556 mm (140") Aft	CL	Belly (Internal)	
L-BAND			
356 mm (14") Fwd	102 mm (4") Port CL	Belly	
152 mm (6") Aft	38 mm (1.5") Port CL	Belly	
76 mm (3") Aft	CL	Belly	
1930 mm (76") Aft	330 mm (13") Port CL	Belly	
2032 mm (80") Aft	254 mm (10") Port CL	Belly	

Approved Aerial Positions

PIERRE ROBIN HR100/200, HR100/210, R1180(T) & R2112

Datum: Wing LE

VHF	NOTES
2845 mm (112") Aft CL 1067 mm (42") Aft 267 mm (10.5") Stbd CL Belly 2388 mm (94") Aft CL 1930 mm (76") Aft CL 2794 mm (110") Aft CL 3683 mm (267 mm (145") Aft CL	
LOOP	
1524 mm (60") Aft CL Belly 1930 mm (76") Aft 203 mm (8") Stbd CL Belly 2413 mm (95") Aft CL Belly 2845 mm (112") Aft 165 mm (6.5") Stbd CL Belly 3150 mm (124") Aft CL Belly 2997 mm (118") Aft CL	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
P & S Fin	
G/P	
813 mm (32") Aft CL Belly	
L-BAND	
864 mm (34") Aft 267 mm (10.5") Port CL Belly 127 mm (5") Fwd 76 mm (3") Stbd CL Belly 2032 mm (80") Aft 229 mm (9") Port CL Belly 406 mm (16") Fwd 191 mm (7.5") Port CL Belly	

Approved Aerial Positions

PIERRE ROBIN HR200/100, R2100A & R2160

Datum: Wing LE

VHF	NOTES
2692 mm (106") Aft CL	
LOOP	
1524 mm (60") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
-	
L-BAND	
864 mm (34") Aft	267 mm (10.5") Port CL Belly
152 mm (6") Fwd	241 mm (9.5") Port CL Belly

Approved Aerial Positions

PIERRE ROBIN R3000-120

Datum: Wing LE at Rib 6

VHF			NOTES
2300 mm Aft	CL		
1540 mm Aft	200 mm Port CL	Belly	
LOOP			
2850 mm Aft	CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
4100 mm Aft	CL	Belly	
G/P			
-			
L-BAND			
Station 0	300 mm Port CL	Belly	
Station 0	300 mm Stbd CL	Belly	

Approved Aerial Positions

PILATUS PC6

Datum: Wing LE

VHF	NOTES
1118 mm (44") Aft 432 mm (17") Port CL 2743 mm (108") Aft 76 mm (3") Stbd CL Belly 1219 mm (48") Aft CL 3227 mm (131") Aft CL Belly	
LOOP	
2997 mm (118") Aft 51 mm (2") Stbd CL 4572 mm (180") Aft 76 mm (3") Port CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
1118 mm (44") Aft CL	
G/P	
-	
L-BAND	
1829 mm (72") Fwd 254 mm (10") Stbd CL Belly 2438 mm (96") Aft 25 mm (1") Port CL Belly	

Approved Aerial Positions

TWIN PIONEER

Datum:

VHF	NOTES
Stn 150 CL Belly Stn 110 660 mm (26") Port CL Stn 110 660 mm (26") Stbd CL	
LOOP	
Stn 204.5 CL Stn 207 CL	
SENSE	
Stn 209.5 CL	
LOC/GP/VOR	
-	
LOC/VOR	
Stn 170 CL Belly	
G/P	
Nose	
L-BAND	
Stn 84 495 mm (19.5") Stbd CL Belly Stn 22.75 CL Belly	

Approved Aerial Positions

PIPER J3C-65

Datum: Wing Leading Edge

VHF	NOTES
991 mm (39") Aft 191 mm (7.5") Stbd CL 381 mm (15") Aft CL	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

PIPER PA12

Datum: Wing LE

VHF	NOTES
127 mm (5") Aft 381 mm (15) Port CL 127 mm (5") Aft 381 mm (15") Stbd CL	
LOOP	
4267 mm (168") Aft CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
-	
G/P	
(Internal) Windscreen Top	
L-BAND	
-	

Approved Aerial Positions

PIPER PA. 18, PA. 19, PA. 20 & PA. 22

Datum: 1524 mm (60") Fwd Wing LE

VHF			NOTES
1829 mm (72") Aft	584 mm (23") Port CL (Top Port Wing)		* Note: (118–126 Mc/s only)
* 1473 mm (58") Aft	343 mm (13.5") Port CL	Belly	
1829 mm (72") Aft	483 mm (19") Stbd CL		
LOOP			
4445 mm (175") Aft	CL	Belly	
2743 mm (108") Aft	76 mm (3)" Stbd CL	Belly	
2997 mm (118") Aft	127 mm (5") Stbd CL	Belly	
LOC/GP/VOR			
P & S	Fin		
LOC/VOR			
P & S	Fin		
5969 mm (235") Aft	102 mm (4") Stbd CL	Belly	
G/P			
Internal (Windscreen lower edge)			
Top of Nose	Leg Structure		
L-BAND			
1473 mm (58") Aft	318 mm (12.5") Port CL	Belly	
1473 mm (58") Aft	292 mm (11.5") Stbd CL	Belly	
2794 mm (110") Aft	279 mm (11") Port CL	Belly	
4166 mm (164") Aft	102 mm (4) Stbd CL	Belly	

Approved Aerial Positions

PIPER PA.23

Datum: 2032 mm (80") Fwd Wing LE Outboard of Tapered Section

VHF			L-BAND		
* 5182 mm (204") Aft	CL		1143 mm (45") Aft	152 mm (6") Port CL	Belly
4623 mm (182") Aft	CL		6350 mm (250") Aft	51 mm (2") Stbd CL	Belly
2159 mm (85") Aft	216 mm (8.5") Stbd CL		4318 mm (170") Aft	203 mm (8") Stbd CL	Belly
4801 mm (189") Aft or	152 mm (6") Stbd CL (Whip)		356 mm (14") Aft	CL	Belly
* 4935 mm (195") Aft	152 mm (6") Stbd CL		660 mm (26") Aft	178 mm (7") Stbd CL	Belly
4877 mm (192") Aft	51 mm (2") Port CL		305 mm (12") Fwd	CL	Belly
2540 mm (100") Aft	152 mm (6") Stbd CL	Belly	1372 mm (54") Aft	305 mm (12") Port CL	Belly
5131 mm (202") Aft	38 mm (1.5") Port CL				
3759 mm (148") Aft	102 mm (4") Port CL				
2235 mm (88") Aft	191 mm (7.5") Stbd CL				
4623 mm (182") Aft	64 mm (2.5") Stbd CL				
LOOP			NOTES		
3099 mm (122") Aft	CL	Belly	* Note: VHF not applicable to 250 Series		
3962 mm (156") Aft	64 mm (2.5") Stbd CL	Belly			
2743 mm (108") Aft	203 mm (8") Stbd CL	Belly			
5131 mm–5258 mm (202"–207") Aft	127 mm (5") Stbd CL	Belly			
2667 mm (105") Aft	114 mm (4.5") Stbd CL				
4318 mm (170") Aft	165 mm (6.5") Stbd CL	Belly			
1981 mm (78") Aft	CL	Belly			
3658 mm (144") Aft	203 mm (8") Stbd CL	Belly			
LOC/GP/VOR					
P & S	Fin				
LOC/VOR					
P & S	Fin				
2159 mm (85") Aft	216 mm (8.5") Stbd CL				
P & S	Fin				
7861 mm (309.5") Aft	CL	Belly			
G/P					
2362 mm (93") Aft	140 mm (5.5") Port CL				
Top of Windscreen		(Internal)			
Nose (External) (PA 23	150/160)				
102 mm (4") Fwd Nose	(Internal) (PA 23	250)			

Approved Aerial Positions

PIPER PA.24, PA.30 & PA.39

Datum: 2007 mm (79") Fwd Wing LE Outboard of Tapered Section

VHF			L-BAND		
4039 mm (159") Aft	216 mm (8.5") Port CL		4826 mm (190") Aft	152 mm (6") Stbd CL	Belly
4039 mm (159") Aft	216 mm (8.5") Stbd CL		2337 mm (92") Aft	305 mm (12") Stbd CL	Belly
3429 mm (135") Aft	152 mm (6") Port CL		1727 mm (68") Aft	305 mm (12") Stbd CL	Belly
4674 mm (184") Aft	127 mm (5") Port CL		4826 mm (190") Aft	152 mm (6") Port CL	Belly
2489 mm (98") Aft	CL		** 940 mm (37") Aft	203 mm (8") Port CL	Belly
4750 mm (187") Aft	127 mm (5") Port CL		** 356 mm (14") Aft	CL	Belly
2159 mm (85") Aft	152 mm (6") Port CL				
4115 mm (162") Aft	127 mm (5") Port CL				
1168 mm (46") Aft	305 mm (12") Port CL	Belly			
LOOP			NOTES		
3785 mm (149") Aft	CL	Belly	* GP Aerial to be installed at an angle in accordance with Air Couriers Mod AC.5A-434		
1854 mm (73") Aft	CL	Belly	** Not applicable to PA24		
4384 mm (173") Aft	127 mm (5") Port CL	Belly			
2388 mm (94") Aft	CL				
4115 mm (162") Aft	51 mm (2") Port CL	Belly			
5410 mm (213") Aft	CL	Belly			
4572 mm (180") Aft	76 mm (3") Port CL	Belly			
LOC/GP/VOR					
6636 mm (261.25") Aft	CL	Belly			
P & S	Fin				
LOC/VOR					
P & S	Fin				
G/P					
2032 mm (80") Aft	102 mm (4") Port CL				
* 1930 mm (76") Aft	229 mm (9") Stbd CL	Belly			
Internal (Windscreen Upper Edge)					
Nose (Internal)					
2286 mm (90") Aft	76 mm (3") Port CL				

Approved Aerial Positions

PIPER PA.25/150

Datum: Wing LE

VHF	NOTES
508 mm (20") Aft * 1905 mm (75") Aft	737 mm (29") Port CL Belly CL * 118–127 MHz only
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

PIPER PA.25/235

Datum: 1981 mm (78") Fwd of Wing LE

VHF	NOTES
2489 mm (98") Aft 737 mm (29") Port CL Belly 3048 mm (120") Aft CL Belly	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

PIPER PA28 – SHORT FUSELAGE (i.e. up to Con. No. 28-7305001)

Datum: 1991 mm (78.4") Fwd Wing LE Outboard of Tapered Section

VHF			NOTES
4064 mm (160") Aft	191 mm (7.5") Stbd CL		* Requires QE Correction
2299 mm (90.5") Aft	64 mm (2.5") Stbd CL		
3962 mm (156") Aft	184 mm (7.25") Port CL		
3962 mm (156") Aft	184 mm (7.25") Stbd CL		
4851 mm (191") Aft	64 mm (2.5") Port CL		
 LOOP			
4343 mm (171") Aft	CL	Belly	
3734 mm (147") Aft	102 mm (4") Port CL		
3785 mm (149") Aft	CL	Belly	
4978 mm (196") Aft	CL	Belly	
2896 mm (114") Aft	38 mm (1.5") Port CL	Belly	
* 4623 mm (182") Aft	CL		
 LOC/GP/VOR			
P & S	Fin		
 LOC/VOR			
P & S	Fin		
 G/P			
2299 mm (90.5") Aft	127 mm (5") Port CL		
Top of Windscreen	(Internal)		
Bottom of Windscreen	(Internal)		
 L-BAND			
2870 mm (113") Aft	305 mm (12") Port CL	Belly	
2870 mm (113") Aft	305 mm (12") Stbd CL	Belly	

Approved Aerial Positions

**PIPER PA28R 200-2, PA28-201T, PA28-236 & PA28 – LONG FUSELAGE
(i.e. Con No. 28-7305001 and upwards)**

Datum: 1119 mm (78.4") Fwd Wing LE Outboard of Tapered Section

VHF			NOTES
4013 mm (158") Aft	51 mm (2") Port CL		
4978 mm (196") Aft	76 mm (3") Port CL		
2299 mm (90.5") Aft	64 mm (2.5") Stbd CL		
1829 mm (72") Aft		CL	
2515 mm (99") Aft	CL		
4724 mm (186") Aft	76 mm (3") Port Fuselage Top		
LOOP			
4115 mm (162") Aft	CL	Belly	
2921 mm (115") Aft	292 mm (11.5") Port CL	Belly	
5258 mm (207") Aft	89 mm (3.5") Stbd CL	Belly	
3556 mm (140") Aft	203 mm (8") Port CL	Belly	
2489 mm (98") Aft	CL	Belly	
4623 mm (182") Aft	127 mm (5") Port CL	Belly	
LOC/GP/VOR			
P & S	Fin		
LOC/VOR			
–			
G/P			
2159 mm (85") Aft Top of Windscreen	CL (Internal)		
L-BAND			
4801 mm (189") Aft	102 mm (4") Stbd CL	Belly	
2870 mm (113") Aft	305 mm (12") Stbd CL	Belly	
1626 mm (64") Aft	102 mm (4") Stbd CL	Belly	
1295 mm (51") Aft	38 mm (1.5") Port CL	Belly	
2870 mm (113") Aft	305 mm (12") Port CL	Belly	
3175 mm (125") Aft	305 mm (12") Stbd CL	Belly	
3962 mm (156") Aft	254 mm (10") Port CL	Belly	
254 mm (10") Fwd	CL	Belly	

Approved Aerial Positions

PIPER PA.31, PA31B & PA31-325

Datum: 3480 mm (137") Fwd of Main Spar CL

VHF			NOTES
3556 mm (140") Aft	64 mm (2.5") Stbd CL		
4991 mm (196.5") Aft	64 mm (2.5") Stbd CL		
3937 mm (155") Aft	51 mm (2") Stbd CL	Belly	
4928 mm (194") Aft	76 mm (3") Stbd CL	(Combined)	
3759 mm (148") Aft	76 mm (3") Port CL	(Combined)	
LOOP			
4991 mm (196.5") Aft	64 mm (2.5") Stbd CL	Belly	
3289 mm (129.5") Aft	229 mm (9") Stbd CL	Belly	
4737 mm (186.5") Aft	64 mm (2.5") Port CL	Belly	
5715 mm (225") Aft	64 mm (2.5") Port CL	Belly	
4242 mm (167") Aft	64 mm (2.5") Stbd CL	Belly	
5944 mm (234") Aft	76 mm (3") Port CL	Belly	
4394 mm (173") Aft	76 mm (3") Port CL		
4928 mm (194") Aft	76 mm (3") Stbd CL	(Combined)	
6553 mm (258") Aft	51 mm (2") Port CL	Belly	
3759 mm (148") Aft	76 mm (3") Port CL	(Combined)	
LOC/GP/VOR			
P & S	Fin		
5880 mm (231.5") Aft	38 mm (1.5") Stbd CL	Belly	
LOC/VOR			
P & S	Fin		
3556 mm (140") Aft	64 mm (2.5") Stbd CL		
G/P			
In Radome			
3099 mm (122") Aft	CL		
L-BAND			
2546 mm (100.25") Aft	127 mm (5") Port CL	Belly	
2546 mm (100.25") Aft	64 mm (2.5") Stbd CL	Belly	
826 mm (32.5") Aft	38 mm (1.5") Port CL	Belly	
4318 mm (170") Aft	51 mm (2") Port CL	Belly	
2546 mm (100.25") Aft	127 mm (5") Stbd CL	Belly	

Approved Aerial Positions

PIPER PA.31-350 & PA.31T3

Datum: 3480 mm (137") Fwd of Main Spar CL

VHF			NOTES
3251 mm (128") Aft	64 mm (2.5") Stbd CL		
4724 mm (186") Aft	51 mm (2") Stbd CL		
3912 mm (154") Aft	102 mm (4") Stbd CL	Belly (Combined)	
5398 mm (212.5") Aft	51 mm (2") Stbd CL		
2769 mm (109") Aft	CL		
6579 mm (259") Aft	51 mm (2") Stbd CL	Belly	
 LOOP			
4242 mm (167") Aft	51 mm (2") Port CL	Belly	
5918 mm (233") Aft	76 mm (3") Stbd CL	Belly	
3912 mm (154") Aft	102 mm (4") Stbd CL	Belly (Combined)	
4458 mm (175.5") Aft	CL	Belly	
4801 mm (189") Aft	51 mm (2") Stbd CL	Belly	
3048 mm (120") Aft	64 mm (2.5") Stbd CL	Belly	
2642 mm (104") Aft	114 mm (4.5") Port CL	Belly	
2642 mm (104") Aft	114 mm (4.5") Stbd CL	Belly	
 LOC/GP/VOR			
P & S	Fin		
 LOC/VOR			
P & S	Fin		
2769 mm (109") Aft	CL	(Combined)	
 G/P			
In Radome			
2616 mm (103") Aft	CL		
 L-BAND			
2007 mm (79") Aft	254 mm (10") Port CL	Belly	
2007 mm (79") Aft	254 mm (10") Stbd CL	Belly	
2667 mm (105") Aft	38 mm (1.5") Port CL	Belly	
1118 mm (44") Aft	381 mm (15") Port CL	Belly	
3785 mm (149") Aft	584 mm (23") Stbd CL	Belly	
4801 mm (189") Aft	127 mm (5") Port CL	Belly	
5258 mm (207") Aft	38 mm (1.5") Stbd CL	Belly	

The L-Band location at 254 mm (10") Aft, 38 mm (1.5") Port CL, Belly, has been deleted due to unsatisfactory operation in some aircraft attitudes

Approved Aerial Positions

PIPER PA.31P & PA.31T1

Datum: 3480 mm (137") Fwd of Main Spar CL

VHF	NOTES
4369 mm (172") Aft 51 mm (2") Stbd CL	
2921 mm (115") Aft 38 mm (1.5") Stbd CL Belly	
LOOP	
4737 mm (186.5") Aft 64 mm (2.5") Port CL Belly	
5994 mm (236") Aft 25 mm (1") Stbd CL Belly	
3975 mm (156.5") Aft 38 mm (1.5") Stbd CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S	Fin
G/P	
In Radome	
L-BAND	
711 mm (28") Aft 25 mm (1") Stbd CL Belly	
2546 mm (100.25") Aft 127 mm (5") Port CL Belly	
2108 mm (83") Aft 254 mm (10") Stbd CL Belly	
4648 mm (183") Aft 25 mm (1") Port CL Belly	
1651 mm (65") Aft 254 mm (10") Port CL Belly	

Approved Aerial Positions

PIPER PA.32, PA.32R, PA32RT & PA32-301T

Datum: 1991 mm (78.4") Fwd Wing LE at intersection of straight and tapered sections

VHF	NOTES	
4851 mm (191") Aft	121 mm (4.75") Port CL	
5728 mm (225.5") Aft	89 mm (3.5") Port CL	
2743 mm (108") Aft	CL	
3505 mm (138") Aft	CL	
LOOP		
5131 mm (202") Aft	CL	Belly
2921 mm (115") Aft	356 mm (14") Port CL	Belly
4877 mm (192") Aft	CL	Belly
2362 mm (93") Aft	375 mm (14.75") Port CL	Belly
5918 mm (233") Aft	76 mm (3") Stbd CL	Belly (Combined)
2667 mm (105") Aft	CL	
LOC/GP/VOR		
P & S	Fin	
LOC/VOR		
P & S	Fin	
G/P		
2322 mm (91.4") Aft	CL	
Upper Windscreen	Internal	
L-BAND		
1054 mm (41.5") Aft	305 mm (12") Port CL	Belly
1422 mm (56") Aft	CL	Belly
2794 mm (110") Aft	279 mm (11") Port CL	Belly
2769 mm (109") Aft	457 mm (18") Stbd CL	Belly
3226 mm (127") Aft	457 mm (18") Port CL	Belly
3048 mm (120") Aft	330 mm (13") Stbd CL	Belly

Approved Aerial Positions

PIPER PA.34

Datum: 1991 mm (78.4") Fwd of Wing LE at inboard edge of inboard fuel tank

VHF	NOTES
3607 mm (142") Aft 152 mm (6") Port CL 4826 mm (190") Aft 51 mm (2") Port CL 5652 mm (222.5") Aft 51 mm (2") Port CL	
LOOP	
4928 mm (194") Aft CL Belly 3124 mm (123") Aft 140 mm (5.5") Stbd CL Belly 2908 mm (114.5") Aft 102 mm (4") Port CL Belly 58 42 mm (230") Aft 76 mm (3") Port CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
P & S Fin	
G/P	
Nose (Internal) 2184 mm (86") Aft CL	
L-BAND	
2972 mm (117") Aft 330 mm (13") Stbd CL Belly 2946 mm (116") Aft 330 mm (13") Port CL Belly 1016 mm (40") Aft 178 mm (7") Port CL Belly 1410 mm (55.5") Aft 51 mm (2") Stbd CL Belly	

Approved Aerial Positions

PIPER PA36-375

Datum:

VHF	NOTES
6807 mm (268") Aft CL	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

PIPER PA.38

Datum: 1683 mm (66.25") Fwd of Wing LE

VHF	NOTES
4115 mm (162") Aft CL 4674 mm (184") Aft CL 3708 mm (146") Aft CL	
LOOP	
3073 mm (121") Aft CL Belly 2591 mm (102") Aft CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
-	
G/P	
1321 mm (52") Aft Top of Inst Coaming CL	
L-BAND	
2464 mm (97") Aft 368 mm (14.5") Stbd CL Belly 1295 mm (51") Aft CL Belly 1372 mm (54") Aft CL Belly	

Approved Aerial Positions

PIPER PA.42

Datum: Station 0

VHF			NOTES
Stn 90.88	58 mm (2.28")	Stbd CL Belly	
Stn 168.106	58 mm (2.28")	Stbd CL	
LOOP			
Stn 185.12	42 mm (1.67")	Port CL Belly	
Stn 190.14	60 mm (2.36")	Stbd CL Belly	
LOC/GP/VOR			
Stn 386.30	WL75.00	(Tail Fin)	
LOC/VOR			
-			
G/P			
Stn -30.00	(In Radome)		
L-BAND			
Stn 127.58	64 mm (2.50")	Port CL Belly	
Stn 82.00	127 mm (5.00")	Port CL Belly	
Stn -5.00	38 mm (1.50")	Port CL Belly	
Stn 6.50	CL	Belly	
Stn -9	127 mm (5")	Port CL Belly	
Stn -9	127 mm (5")	Stbd CL Belly	

Approved Aerial Positions

PIPER PA.44

Datum: 1981 mm (78") Fwd of Wing LE at Wing Stn 106

VHF	NOTES
4013 mm (158") Aft 51 mm (2") Port CL 4851 mm (191") Aft 51 mm (2") Port CL	
LOOP	
4089 mm (161") Aft CL Belly 4496 mm (177") Aft 76 mm (3") Stbd CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
-	
G/P	
Nose (Internal)	
L-BAND	
2946 mm (116") Aft 406 mm (16") Port CL Belly 1245 mm (49") Aft 25 mm (1") Port CL Belly	

Approved Aerial Positions

PIPER PA46-310P

Datum: 2540 mm (100") Fwd of Fwd Pressure Bulkhead

VHF	NOTES
4115 mm (162") Aft 64 mm (2.5") Stbd CL 5334 mm (210") Aft 64 mm (2.5") Stbd CL	
LOOP	
5455 mm (214.75") Aft 102 mm (4") Stbd CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
-	
G/P	
-	
L-BAND	
4496 mm (177") Aft 57 mm (2.25") Stbd CL Belly	
2642 mm (104") Aft 57 mm (2.25") Stbd CL Belly	
3251 mm (128") Aft 165 mm (6.5") Port CL Belly	
3429 mm (135") Aft 64 mm (2.5") Stbd CL Belly	

Approved Aerial Positions

PITTS S1 & S2 SERIES

Datum:

VHF 4466 mm (175.81") Aft CL LOOP - LOC/GP/VOR - LOC/VOR 5740 mm (226") Aft CL G/P - L-BAND 3048 mm (120") Aft 152 mm (6") Stbd CL Belly 3581 mm (141") Aft 76 mm (3") Stbd CL Belly <th data-bbox="791 286 1495 2031">NOTES</th>	NOTES
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Approved Aerial Positions

PRENTICE

Datum: C of G

VHF	NOTES
3632 mm (143") Aft 64 mm (2.5") Stbd CL 495 mm (19.5") Aft 70 mm (2.75") Port CL	
LOOP	
1270 mm (50") Aft 178 mm (7") Stbd CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
-	
G/P	
-	
L-BAND	
51 mm (2") Fwd 508 mm (20") Port CL Belly	

Approved Aerial Positions

PRINCE

Datum: C of G

VHF	NOTES
1067 mm (42") Aft 3658 mm (144") Aft 191 mm (7.5") Aft 191 mm (7.5") Aft 711 mm (28") Aft LE	470 mm (18.5") Port CL 470 mm (18.5") Port CL of X83.5 572 mm (22.5") Stbd CL of X220.4 279 mm (11") Port CL 686 mm (27") from Stbd Wing Tip
LOOP	
2413 mm (95") Aft 84 mm (3.3") Aft	102 mm (4") Port CL of X173.25 95 mm (3.75") Port CL
SENSE	
Cockpit roof 229 mm (9") Fwd	457 mm (18") Stbd CL of X173.25 457 mm (18") Port CL
LOC	
P & S	Fin
LOC/GP	
76 mm (3") Aft	of former 1 CL Belly
G/P	
Nose slot	
L-BAND	
-	

Approved Aerial Positions

PROCTOR

Datum: C of G

VHF	NOTES
1524 mm (60") Fwd Frame 5 CL 127 mm (5") Aft Frame 5 CL 394 mm (15.5") Aft Frame 5 CL 184 mm (7.25") Aft LE Fin CL Internal	
LOOP 2946 mm (116") Aft CL (Internal)	
LOC/GP/VOR 610 mm (24") Aft CL	
LOC/VOR -	
G/P -	
L-BAND 813 mm (32") Aft 229 mm (9") Port CL Belly	

Approved Aerial Positions

PROVOST

Datum:

VHF	NOTES
762 mm (30") Aft of LE Mainplane 330 mm (13") Port CL Belly	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

PZL-104 WILGA 35A

Datum: Wing Leading Edge at Fuselage Joint

VHF

Top of Fin Leading Edge

NOTES

Approved Aerial Positions

ROBINSON R22

Datum: 2540 mm (100") Fwd of Rotor CL

VHF			NOTES
3277 mm (129") Aft	CL		
4343 mm (171") Aft	CL	Belly	
LOOP			
3099 mm (122") Aft	CL		
1829 mm (72") Aft	CL	Belly	
LOC/GP/VOR			
1524 mm (60") Aft	CL	Belly	
LOC/VOR			
-			
G/P			
-			
L-BAND			
2083 mm (82") Aft	CL	Belly	
1143 mm (45") Aft	CL	Belly	
4267 mm (168") Aft	CL	Belly	
1334 mm (52.5") Aft	CL	Belly	
2223 mm (87.5") Aft	CL	Belly	

Approved Aerial Positions

ROCKWELL COMMANDER 112 & 114

Datum: Station 0

VHF		NOTES
Stn 126	89 mm (3.5") Stbd CL	
Stn 185	114 mm (4.5") Stbd CL	
LOOP		
Stn 136	191 mm (7.5") Port CL	Belly
Stn 153	CL	Belly
LOC/GP/VOR		
P & S	Fin	
LOC/VOR		
-		
G/P		
Stn 115	76 mm (3") Stbd CL	
L-BAND		
Stn 195	381 mm (15") Stbd CL	Belly
Stn 83	521 mm (20.5") Stbd CL	Belly
Stn 83	521 mm 20.5") Port CL	Belly
Stn 99	521 mm 20.5") Stbd CL	Belly
Stn 99	521 mm 20.5") Port CL	Belly
Stn 198	508 mm (20") Port CL	Belly
Stn 66	508 mm (20") Port CL	Belly
Stn 133	521 mm 20.5") Stbd CL	Belly
Stn 153	305 mm (12") Stbd CL	Belly

Approved Aerial Positions

ROCKWELL 500S

Datum: Station 0 (1397 mm (55") Aft of Nose)

VHF	NOTES	
Fin Cap (Fwd) 457 mm (18") Aft L.E. Port Wing (Upper)	1829 mm (72") from wing tip	
Stn 73	CL	
Stn 214	152 mm (6") Stbd CL	
Stn 73	CL	
Stn 264	25 mm (1") Port CL	
LOOP		
Stn 204	CL	Belly
Stn 59	CL	Belly
Stn 78	CL	
Stn 204	CL	
Stn 268	CL	Belly
LOC/GP/VOR		
P & S Fin	Stn 335	Fin Stn 70
LOC/VOR		
P & S Fin	Stn 335	Fin Stn 70
G/P		
Nose		
L-BAND		
762 mm (30") Aft	381 mm (15") Stbd CL	Belly
762 mm (30") Aft	381 mm (15") Port CL	Belly
Stn 173	152 mm (6") Stbd CL	Belly
4115 mm (162") Aft	CL	Belly
1118 mm (44") Aft	432 mm (17") Stbd CL	Belly

Approved Aerial Positions

ROLLASON D62B CONDOR

Datum: Wing Leading Edge

VHF	NOTES
2286 mm (90") Aft CL	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

S.51

Datum: Vertical CL Main Rotor

VHF	NOTES
4191 mm (165") Aft Top tailplane	
51 mm (2") Stbd Stn 67.5	
Under Tail Boom 165 mm (6.5") Port CL	
LOOP	
3607 mm (142") Fwd	CL
SENSE	
1956 mm (77") Fwd	457 mm (18") Stbd CL
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

S.55

Datum:

	NOTES
VHF Stn 257.5 216 mm (8.5") Stbd CL Stn 63 Tail Boom Stbd CL	
LOOP Stn 34.68 On Tail Cone Stn 142.25 CL Belly	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

SA330J PUMA

Datum: 520 mm Fwd of Nose (Less Radome)

VHF			NOTES
Stn 1531	Stbd CL	Belly	
Stn 6405	CL		
LOOP			
Stn 6950	CL	Belly	
Stn 3858.7	CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
Stn 112.36	P & S	Tail Cone	
G/P			
Stn 1430	CL	Belly	
L-BAND			
Stn 4040	38 mm Port CL	Belly	
Stn 1529	508 mm Port CL	Belly	

Approved Aerial Positions

SAAB 91A. 91/C. SAFIR

Datum: L.E. of Mainplane root end

VHF	NOTES
2210 mm (87") Aft CL	
LOOP	
4064 mm (160") Aft CL	
2743 mm (108") Aft CL	Belly
SENSE	
5105 mm (201") Aft CL	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

SAAB SF 340A

Datum: Station 0

VHF			NOTE
Stn 258	CL		
Stn 320.6	76 mm (3") Stbd CL	Belly	
LOOP			
Stn 600	89 mm (3.5") Stbd CL	Belly	
Stn 535	CL		
LOC/VOR			
WL 233.2	P&S Fin		
GP			
Stn 114.88	Radome		
L-BAND			
Stn 197.5	51 mm (2") Port CL	Belly	
Stn 276.5	114 mm (4.5") Port CL	Belly	
Stn 339.5	89 mm (3.5") Stbd CL	Belly	
Stn 366.07	241 mm (9.5") CL	Belly	
RADAR			
	Radome		
RADIO ALT			
Stn 262.5	114 mm (4.5") Stbd CL	Belly	
Stn 283.7	114 mm (4.5") Stbd CL	Belly	
MARKER			
Stn 372.6	89 mm (3.5") Stbd CL	Belly	

Approved Aerial Positions

SARO SKEETER

Datum: Rotor Centre Line

VHF	NOTES
76 mm (3") Fwd F2 102 mm (4") Port CL	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
1575 mm (62") Aft 64 mm (2.5") Stbd CL Belly	
G/P	
-	
L-BAND	
965 mm (38") Aft 559 mm (22") Stbd CL	

Approved Aerial Positions

SCHEIBE SF25E

Datum: Fwd end of engine bulkhead

VHF	NOTES
Internally mounted in Fin	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
259 mm (102") Aft CL Belly	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

SCHWEIZER 300C

Datum: 2540 mm (100") Fwd of CL of Main Rotor

VHF	NOTES
Stn 214 1092 mm (43") Aft Underside Tail Boom 51 mm (2") Port CL Belly 1092 mm (43")Aft 381 mm (15") Port CL Belly	
LOOP 4318 mm (170") Aft CL Tail Boom Stn 72 279 mm (11") Stbd CL Belly	
LOC/GP/VOR 2235 mm (88") Aft CL	
LOC/VOR -	
G/P -	
L-BAND 2134 mm (84") Aft 356 mm (14") Port CL Belly	

Approved Aerial Positions

SCINTEX, LINNER & PIEL CP.301A

Datum: Wing L.E.

VHF	NOTES
3277 mm (129") Aft 64 mm (2.5") Stbd CL 2642 mm (104") Aft 279 mm (11") Stbd CL	* G-ASMV only – unless engine/generator suppression satisfactory
LOOP	
1829 mm (72") Aft CL Belly	
* Top of Instrument Panel Coaming 76 mm (3") Aft, 191 mm (7.5") Stbd CL (Internal)	
LOC/GP/VOR –	
LOC/VOR P & S Fin	
G/P Canopy (Internal)	
L-BAND –	

Approved Aerial Positions

SHORT SC.7

Datum: Station 0 (267 mm (10.5") Aft of Nose Tip)

VHF	NOTES
7560 mm (297.62") Aft 152 mm (6") Stbd CL 3463 mm (136.32") Aft CL Belly 5207 mm (205") Aft CL Belly 1930 mm–1981 mm (76–78") Aft CL (Lower Powered VHF only)	
LOOP	
3175 mm (125") Aft CL Belly 4089 mm (161") Aft CL Belly	
LOC/GP/VOR	
1950 mm (76.78") Aft CL	
LOC/VOR	
-	
G/P	
152 mm (6") Aft CL Belly	
L-BAND	
5842 mm (230") Aft 610 mm (24") Stbd CL Belly 2108 mm (83") Aft 229 mm (9") Stbd CL Belly 1321 mm (52") Aft 762 mm (30") Port CL Belly	

Approved Aerial Positions

SHORT SD3-30

Datum: Station 0

VHF	NOTES
10945 mm (431.25") Aft 76 mm (3") Port CL 838 mm (33") Fwd 46 mm (1.8") Port CL Belly	* For use with military systems only
LOOP	
2624 mm (103.3") Aft CL Belly 4420 mm (174") Aft CL Belly	
LOC/GP/VOR	
2028 mm (79.85") Aft 102 mm (4") Port CL	
LOC/VOR	
-	
G/P	
-	
L-BAND	
356 mm (14") Fwd 48 mm (1.88") Stbd CL Belly 7264 mm (286") Aft 76 mm (3") Stbd CL Belly 2629 mm (103.5") Aft 762 mm (30") Stbd CL Belly 7874 mm (310") Aft 76 mm (3") Port CL Belly 5029 mm (198") Aft 610 mm (24") Port CL Belly * 3289 mm (129.5") Aft 76 mm (3") Port CL Roof	

Approved Aerial Positions

SHORT SD3-60

Datum: Station 0

VHF	NOTES
10274 mm (404.5") Aft 51 mm (2") Port CL 3975 mm (156.5") Aft 76 mm (3") Port CL Belly	
LOOP	
2654 mm (104.5") Aft CL Belly 5334 mm (210") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
1016 mm (40") Aft P & S Nose (Between Stringers 11 and 12)	
G/P	
1676 mm (66") Fwd CL (Radome)	
L-BAND	
2629 mm (103.5") Aft 762 mm (30") Stbd CL Belly 5296 mm (208.5") Aft 762 mm (30") Port CL Belly 8788 mm (346") Aft 76 mm (3") Port CL Belly 10719 mm (422") Aft 76 mm (3") Stbd CL Belly	

Approved Aerial Positions

SIAI MARCHETTI S.205 & S.205/22/R.

Datum: Spinner Tip (See Note below)

VHF	NOTES
2591 mm (102") Aft CL 5182 mm (204") Aft 102 mm (4") Stbd CL	
LOOP	
4521 mm (178") Aft CL Belly 2515 mm (99") Aft 152 mm (6") Stbd CL Belly 3988 mm (157") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
Top of Windscreen (Internal)	
L-BAND	
1626 mm (64") Aft 318 mm (12.5") Stbd CL Belly 2134 mm (84") Aft 305 mm (12") Stbd CL Belly 4496 mm (177") Aft 76 mm (3") Port CL Belly	
Note: The spinners tip on the S205/22/R is 152 mm (6") forward of the S205 aircraft, if the above positions are applied to the S205/22/R add 152 mm (6") to correct for the additional propeller/engine forward location. (Ref: 9/217/G-VELA).	

Approved Aerial Positions

SIAI MARCHETTI F.260

Datum: 1499 mm (59") Fwd Firewall

VHF			NOTES
3289 mm (129.5") Aft	279 mm (11") Port CL	Belly	
3289 mm (129.5") Aft	279 mm (11") Stbd CL	Belly	
2235 mm (88") Aft	CL	Belly	
5461 mm (215") Aft	CL		
LOOP			
5385 mm (212") Aft	CL	Belly	
3861 mm (152") Aft	89 mm (3.5") Stbd CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
P & S	Fin		
G/P			
Rear Cockpit Coaming CL (Internal)			
L-BAND			
2007 mm (79") Aft	330 mm (13") Stbd CL	Belly	

Approved Aerial Positions

SIKORSKY S58 ET

Datum: Station 0 Nose Section

VHF			NOTES
Stn 275	483 mm (19") Port CL	Belly	
Stn 275	483 mm (19") Stbd CL	Belly	
Stn 68.5	CL Belly	(Combined)	
Stn 326	70 mm (2.75") Port CL		
Stn 391.7	51 mm (2") Stbd CL		
 LOOP			
Stn 246-262	CL	Belly	
Stn 289	CL	Belly	
 LOC/GP/VOR			
-			
 LOC/VOR			
Stn 227-244	762 mm (30") above W.L.		
Stn 68.5	CL Belly	(Combined)	
 G/P			
Stn 12	Nose	(Internal)	
Stn 4	CL	Top of Nose	
 L-BAND			
-			

Approved Aerial Positions

SIKORSKY S61 – N2

Datum: 6792 mm (267.4") Fwd of CL of Main Rotor Hub

VHF			NOTES
Stn 523	165 mm (6.5") Stbd CL		
Stn 89	394 mm (15.5") Port CL	Belly	
Stn 628	Lower Tail Boom		
Stn 545	CL Belly	(Combined)	
 LOOP			
Stn 360-380	CL	Belly	
Stn 450	254 mm (10") Port CL	Belly	
Stn 408	254 mm (10") Port CL	Belly	
 LOC/GP/VOR			
-			
 LOC/VOR			
Stn 545	CL Belly	(Combined)	
Stn 596	CL	Belly	
Stn 400	P & S		
 G/P			
Stn 32	CL	Belly	
 L-BAND			
Stn 98.4	BL 28.62 Port	Belly	
Stn 98.4	BL 28.62 Stbd	Belly	
Stn 142.5	521 mm (20.5") Stbd CL	Belly	
Stn 66.5	BL 32 Port	Belly	

Approved Aerial Positions

SIKORSKY S76A & S76C

Datum: Station 0

VHF			RAD ALT		
Stn 305.9	BL 4.0 RH	Belly	Stn 160	CL	Belly
Stn 396.4	BL 1.7 RH	Belly			
Stn 525.6	BL 0 WL 177.1 (Top of Tail)				
LOOP			OMEGA		
Stn 143.96	BL 0	Belly	Stn 386	CL	Belly
Stn 126	BL 0	Belly			
LOC/GP/VOR			NOTES		
Stn 135.3 (Between Side Doors)	LH & RH	WL 73.0			
LOC/VOR					
Stn 420 Tail Boom Port & Stbd					
G/P					
Stn 30	Inside	Nose Cone			
L-BAND					
Stn 146	BL 24 LH	Belly			
Stn 126	BL 18 RH	Belly			
Stn 182	BL 12 LH				
Stn 182	BL 12 RH				
Stn 295		Belly			
Stn 340		Belly			
Stn 156 Upper	BL 30 RH & LH	Fuselage			
Stn 128	BL 18 LH				
Stn 128	BL 18 RH				
Stn 138	BL 18 LH				
Stn 138	BL 18 RH				
MARKER					
Stn 100	BL 22 RH	Belly			

Approved Aerial Positions

SLINGSBY T61

Datum: Engine Fire Wall

VHF

Stn 1600 mm (63") Aft 152 mm (6") Stbd CL Belly

Approved Aerial Positions

SLINGSBY T67A, B, C & M

Datum: 940 mm Aft of Firewall

VHF			NOTES
2080 mm Aft	85 mm Stbd CL		
905 mm Aft	310 mm Stbd CL	Belly	
2172 mm Aft	45 mm Port CL		
* Fin	(Internal)		
LOOP			
1765 mm Aft	110 mm Stbd CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
4420 mm Aft	P & S	Fin	
* Tailplane	(Internal)		
G/P			
140 mm Fwd	350 mm Stbd	CL	
(L.E. of Frame 3)			
Top of Coaming		CL	
L-BAND			
910 mm Aft	375 mm Port	CL Belly	
130 mm Aft	175 mm Stbd	CL Belly	

Approved Aerial Positions

SOCATA ST10

Datum: Fwd Face of Firewall

VHF	NOTES
1651 mm (65") Aft CL 2946 mm (116") Aft 178 mm (7") Stbd CL	
LOOP	
2413 mm (95") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
Top Windscreen (Internal) P & S Fin (Aft of LOC/VOR) Base of Windscreen (Internal)	
L-BAND	
3531 mm (139") Aft 178 mm (7") Stbd CL Belly 724 mm (28.5") Aft 89 mm (3.5") Port CL Belly	

Approved Aerial Positions

SOCATA TB9, TB10 & TB20

Datum: Firewall

VHF	NOTES
3213 mm (126.5") Aft 64 mm (2.5") Port CL 1397 mm (55") Aft CL	
LOOP	
4115 mm (162") Aft CL Belly	
LOC/GP/VOR	
P & S Fin	
LOC/VOR	
-	
G/P	
Top of Windscreen (Internal)	
L-BAND	
2388 mm (94") Aft CL Belly	
1067 mm (42") Aft CL Belly	
1854 mm (73") Aft 330 mm (13") Port CL Belly	

Approved Aerial Positions

SPITFIRE

Datum: Nose

VHF	NOTES
2515 mm (99") Aft CL 2883 mm (113.5") Aft CL 874 mm (34.4") Aft Port Wing 3645 mm (143.5") Stbd (under wing) Frame 8	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
2388 mm (94") Aft CL Belly	

Approved Aerial Positions

STAMPE SV4C

Datum: Engine Bulkhead

VHF	NOTES
2388 mm (94") Aft Top of fuselage CL	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
-	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

STINSON 108-3

Datum: 296 mm (11.65") Aft Wing L.E.

VHF	NOTES
1930 mm (76") Aft CL	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
813 mm (32") Fwd CL Belly	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

STINSON V77 RELIANT

Datum: 1076 mm (42.375") Forward of Firewall

VHF

1422 mm (56") Aft CL Roof

LOOP

—

LOC/GP/VOR

—

LOC/VOR

Fin Port & Stbd

G/P

—

L-BAND

1575 mm (62") Aft 38 mm (1.5") Port Belly

Approved Aerial Positions

SUD SA315/SA318 (ALOUETTE)

Datum: Station 0 (2563 mm (100.9") Fwd of Fwd Jacking Point)

VHF	NOTES
Stn 89 Aft 64 mm (2.5") Port CL Stn 166.9 Aft 102 mm (4") Port CL Belly 1778 mm (70") Aft CL 4610 mm (181.5") Aft CL Belly	
LOOP 1727 mm (68") Aft CL Belly	
LOC/GP/VOR -	
LOC/VOR 4496 mm (177") Aft CL Belly	
G/P -	
L-BAND 483 mm (19") Aft 102 mm (4") Stbd CL Belly	

Approved Aerial Positions

SWEARINGEN SA226T

Datum: Station 0

VHF			NOTES
Stn 122	38 mm (1.5") Port CL	Belly	
Stn 196	64 mm (2.5") Port CL	Belly	
 LOOP			
Stn 281	51 mm (2") Port CL	Belly	
Stn 315	51 mm (2") Port CL	Belly	
 LOC/GP/VOR			
-			
 LOC/VOR			
P & S	Fin	(Stn 424)	
 G/P			
Radome	(Stn 0)		
 L-BAND			
Stn 76	13 mm (0.5") Stbd CL	Belly	
Stn 185	597 mm (23.5") Port CL	Belly	
Stn 185	597 mm (23.5") Stbd CL	Belly	

Approved Aerial Positions

BENEZ MRAZ SOKOL M/1C

Datum:

VHF	NOTES
3302 mm (130") Fwd of Tailplane L.E. CL	
LOOP -	
LOC/GP/VOR -	
LOC/VOR -	
G/P -	
L-BAND -	

Approved Aerial Positions

META/SOKOL L.40

Datum: Spinner Tip

VHF	NOTES
Nose CL 305 mm (12") Fwd of Canopy	
LOOP	
2743 mm (108") Aft CL Belly	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
-	
L-BAND	
3556 mm (140") Aft 381 mm (15") Stbd CL Belly	

Approved Aerial Positions

THUNDER & COLT GA-42

Datum: Gondola Aft Bulkhead

VHF	NOTE
900 mm Fwd 400 mm Stbd	
900 mm Fwd 400 mm Port	
LOOP	
1320 mm Fwd CL	
VOR	
60 mm Aft CL	
L-BAND	
1190 mm Fwd 470 mm Port CL	
1190 mm Fwd 470 mm Stbd CL	

Approved Aerial Positions

TRIDENT 1

Datum: Tip of Radome – Aircraft Nose Tip

VHF (Tx)	NOTES
14103 mm (555.25") Aft CL	Belly
10738 mm (422.75") Aft CL	Belly
VHF (Rx)	
Top of Fin Bullet	31401 mm (1236.25") Aft CL
22416 mm (882.5") Aft CL	Belly
LOOP	
7442 mm (293") Aft CL	
8706 mm (342.75") Aft CL	
LOC/GP/VOR	
-	
LOC/VOR (1)	
P & S	Fin
LOC/VOR (2)	
Slots in Dorsal Fin	25184 mm (991.5") Aft of Datum
LOC/VOR (3)	
In Radome	Above Scanner
G/P	
Under Nose	Aft of Radome 140 mm (5.5") Port CL
Under Nose	Aft of Radome 140 mm (5.5") Stbd CL
L-BAND	
7214 mm (284") Aft CL	Belly
8446 mm (332.5") Aft CL	Belly
9481 mm (373.25") Aft CL	Belly

Approved Aerial Positions

TRIDENT 2E

Datum: Tip of Radome – Aircraft Nose Tip

VHF	NOTES
Top of Fin Bullet 31401 mm (1236.25") Aft CL 8475 mm (333.65") Aft CL Belly 22504 mm (886") Aft CL Belly	
LOOP	
18923 mm (745") Aft CL Belly Internal 19837 mm (781") Aft CL Belly Internal	
LOC/VOR	
Slots in Dorsal Fin 25184 mm (991.5") Aft	
LOC	
In Radome Above Scanner	
G/P	
Under Nose Aft of Radome 140 mm (5.5") Port CL Under Nose Aft of Radome 140 mm (5.5") Stbd CL	
L-BAND	
9635 mm (379.35") Aft CL Belly 13793 mm (543.05") Aft CL Belly 10667 mm (419.95") Aft CL Belly 12764 mm (502.5") Aft CL Belly	

Approved Aerial Positions

TRIDENT 3B

Datum: Tip of Radome – Aircraft Nose Tip

VHF				NOTES
Top of Fin	Bullet	36405 mm (1433.25") Aft CL		
9030 mm (355.5") Aft	CL		Belly	
27508 mm (1083") Aft	CL		Belly	
 LOOP				
23571 mm (928") Aft	CL		Belly	
24486 mm (964") Aft	CL		Belly	
 LOC/GP/VOR				
-				
 LOC/VOR				
Centre engine Air Intake	P & S	30188 mm (1188.5") Aft		
 LOC				
In Radome	Above Scanner			
 G/P				
Under Nose	Aft of Radome	140 mm (5.5") Port CL		
Under Nose	Aft of Radome	140 mm (5.5") Stbd CL		
 L-BAND				
10198 mm (401.5") Aft	CL		Belly	
15323 mm (603.25") Aft	CL		Belly	
11227 mm (442") Aft	CL		Belly	
13322 mm (524.5") Aft	CL		Belly	

Approved Aerial Positions

VANGUARD 951 & 953

Datum:

VHF			NOTES
Stn 264.6	CL		
Stn 848.45	CL	Belly	
 LOOP			
Stn 499	CL		
Stn 538	CL		
 LOC/GP/VOR			
-			
 LOC/VOR			
Top of Fin	(Suppressed)		
P & S	Fin		
 G/P			
Stn 20	CL	Belly	
Stn 15.57	In Radome		
 L-BAND			
Stn 303	CL	Belly	
Stn 321	CL	Belly	
Stn 385	CL	Belly	
Stn 221	CL	Belly	

Approved Aerial Positions

VARGA 2150A

Datum: Wing LE

	NOTES
<p>VHF</p> <p>2591 mm (102") Aft CL</p>	
<p>LOOP</p> <p>1321 mm (52") Aft CL Belly</p>	
<p>LOC/GP/VOR</p> <p>—</p>	
<p>LOC/VOR</p> <p>P & S Fin</p>	
<p>G/P</p> <p>—</p>	
<p>L-BAND</p> <p>559 mm (22") Aft 254 mm (10") Stbd CL Belly</p>	

Approved Aerial Positions

VC.10

Datum:

VHF			NOTES
Stn 607	CL	Belly	
Stn 1157	CL	Belly	
Stn 251.77	CL		
 LOOP			
Stn 607	CL		
Stn 645	CL		
 LOC/GP/VOR			
-			
 LOC/VOR			
P & S	Fin		
P & S	Bullet		
 G/P			
Stn 29.75	CL		
 L-BAND			
Stn 429	CL	Belly	
Stn 488	CL	Belly	
Stn 252	CL	Belly	

Approved Aerial Positions

SUPER VC.10

Datum:

VHF			NOTES
Stn 682	CL	Belly	
Stn 1317	CL	Belly	
Stn 254	CL		
 LOOP			
Stn 682	CL		
Stn 720	CL		
 LOC/GP/VOR			
-			
 LOC/VOR			
Stn 279	CL	Belly	
P & S	Bullet		
 G/P			
Stn 29.75	CL	Nose	
 L-BAND			
Stn 524.1	CL	Belly	
Stn 563	CL	Belly	
Stn 254.25	CL	Belly	
Stn 294.55	CL	Belly	

Approved Aerial Positions

VALENTIN TAIFUN 17E

Datum: Engine Firewall

VHF	NOTES
Fin Internal	
LOOP	
2388 mm (94") Aft CL Belly	
LOC/GP/VOR	
Rear fuselage Internal	
LOC/VOR	
-	
G/P	
-	
L-BAND	
432 mm (17") Aft 330 mm (13") Stbd CL Belly	
432 mm (17") Aft 330 mm (13") Port CL Belly	

Approved Aerial Positions

VISCOUNT 700

Datum:

			NOTES
4VHF			
Stn 122	CL		
Stn 406	CL		
Stn 200	451 mm (17.75") Port	CL	
Stn 118	CL		
 LOOP			
Stn 306	CL		
Stn 346	CL		
 LOC/GP/VOR			
-			
 LOC/VOR			
P & S	Fin		
 LOC			
Stn 117.8	CL		
 G/P			
Nose	Slot		
Nose	Bulkhead	(Radome)	
 L-BAND			
Stn 186	CL	Belly	
Stn 349	CL	Belly	

Approved Aerial Positions

VISCOUNT 800

Datum:

VHF			NOTES
Stn 251.75	CL		
Stn 450.75	CL		
Stn 574.75	CL	Belly	
 LOOP			
Stn 359.75	CL		
Stn 392.8	CL		
Stn 338	CL		
Stn 412	CL		
 LOC/GP/VOR			
-			
 LOC/VOR			
P & S	Fin		
Stn 251.75	CL		
 G/P			
Nose	Slot		
Stn 20-24	Lower Side in Radome (Nose Slot)		
 L-BAND			
Stn 378.25	CL	Belly	
Stn 850.1	CL	Belly	
Stn 230.25	CL	Belly	
Stn 194	CL	Belly	
Stn 266.5	CL	Belly	

Approved Aerial Positions

WASSMER WA40 & WA41

Datum: Wing L.E. Outboard of Tapered Section

VHF	NOTES
3810 mm (150") Aft Fin 13 mm (0.5") Stbd CL (Internal)	
LOOP 2515 mm (99") Aft CL (Internal)	
LOC/GP/VOR -	
LOC/VOR P & S Fin	
G/P 412 mm (16.25") Fwd CL (Beneath Windscreen – Internal)	
L-BAND 445 mm (17.5") Fwd 406 mm (16") Stbd CL Belly 3658 mm (144") Aft 152 mm (6") Stbd CL Belly	

Approved Aerial Positions

WASSMER WA51A/WA52

Datum: Station 0 (WLE Outboard of Tapered Section)

VHF	NOTES
1448 mm (57") Aft 64 mm (2.5") Stbd CL Fin Internal 2540 mm (100") Aft 38 mm (1.5") Port CL	
LOOP	
1600 mm (63") Aft 254 mm (10") Port CL Belly	
LOC/GP/VOR	
3505 mm (138") Aft CL Belly (Internal)	
LOC/VOR	
-	
G/P	
-	
L-BAND	
686 mm (27") Aft 559 mm (22") Stbd CL Belly 686 mm (27") Aft 559 mm (22") Port CL Belly	

Approved Aerial Positions

WESSEX 60

Datum: Station 0 Nose Section

VHF	NOTES
Stn 280 597 mm (23.5") Port CL Stn 280 597 mm (23.5") Stbd CL	
LOOP	
Stn 62.7 CL Stn 188-200 CL	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Stns 224-246	
G/P	
Stn 4	
L-BAND	
Stn 345 38 mm (1.5") Port CL Belly Stn 64 38 mm (1.5") Stbd CL Belly	

Approved Aerial Positions

WESTLAND GAZELLE SA341-G

Datum: 191.5 mm Fwd of Nose

VHF			NOTES
Top of Fin			
6673.5 mm Aft	CL	Belly	
4950 mm Aft	CL	Belly	
 LOOP			
1509.5 mm Aft	CL	Belly	
4950 mm Aft	CL	Belly	
 LOC/GP/VOR			
-			
 LOC/VOR			
Between 6645.5 mm Aft & 7074.5 mm Aft each side of Tail Cone			
Top of Fin			
 G/P			
1090 mm Aft	CL	Belly	
 L-BAND			
1076.5 mm Aft	CL	Belly	
1780 mm Aft	400 mm Stbd CL	Belly	
5011.5 mm Aft	CL	Belly	
740 mm Aft	5.5 mm Port CL	Belly	

Approved Aerial Positions

WESTLAND 30

Datum: Rotor Centre Line

VHF			NOTES
Stn 2359 Fwd	668 mm Stbd CL	Belly	
Stn 5719 Aft	CL	Belly	
LOOP			
Stn 900 Fwd	60 mm Port CL	Belly	
LOC/GP/VOR			
-			
LOC/VOR			
Stn 5580 Aft	P & S Fuselage		
G/P			
Stn 4688 Fwd	165 mm Stbd CL	Belly	
L-BAND			
Stn 470 Aft	570 mm Port CL	Belly	
Stn 3505 Fwd	644 mm Stbd CL	Belly	
Stn 470 Aft	730 mm Stbd CL	Belly	

Approved Aerial Positions

WILGA 80

Datum: Wing Leading Edge at Fuselage Joint

VHF

3531 mm (139") Aft 51 mm (2") to Stbd of lower fuselage
centre line

3556 mm (140") Aft 51 mm (2") to Stbd of upper fuselage
centre line

LOOP

1041 mm (41") Aft Fuselage CL

LOC/GP/VOR

–

LOC/VOR

Upper fin

G/P

–

L-BAND

2972 mm (117") Aft 76 mm (3") Port CL Belly

Approved Aerial Positions

WITTMAN W8 TAILWIND

Datum: Wing LE

	NOTES
VHF	
991 mm (39") Aft CL	
LOOP	
-	
LOC/GP/VOR	
-	
LOC/VOR	
P & S Fin	
G/P	
-	
L-BAND	
-	

Approved Aerial Positions

ZLIN Z226T/Z326/Z526

Datum: Engine Bulkhead

VHF	NOTES
457 mm (18") Aft Top Cap of Tail Fin CL Belly	
LOOP -	
LOC/GP/VOR P & S Fin	
LOC/VOR -	
G/P -	
L-BAND -	

