Leading Particulars - RC-135W

Aircraft Serial No:_____

	Type See Note	NATO Ref	NATO Code	US Equiv	UK Spec	US Military Spec
Approved Fuels	AVTUR/FSII	9130-99-2201036	**F34**	**JP8**	DEF STAN 91-87	MIL-DTL-83133E
	AVTAG/FSII	9130-99-2201037	**F40**	**JP4**	DEF-STAN 91-88	MIL-DTL-5624
Alternative Fuels	JP8 + 100	None	**F37**	**JP8+100**	None	MIL-DTL-83133
	AVTUR	9130-99-9431771	**F35**	**JET A-1**	DEF STAN 91-91	MIL-DTL-83133C
	JP-5	9130-99-2202148	**F44**	**JP5**	DEF-STAN 91-86	MIL-DTL-5624
	Kerosene	None	**F24**	**JET A**	None	None

System or Component	Type	Sect/Ref	NATO Ref	NATO Code	UK Spec	US Spec
Engine Oil/JFS/ACM Gearbox/IDG	OX 152	----------	9150-00-9857099 (1 qt)	O-152	DEF STAN 01-005	MIL-PRF-23699 (Class C/I)
Hydraulic Oil System and Freight Door	OX 538	----------	9150-01-3887769 (1 qt)	H-538	----------	MIL-PRF-87257
Liquid Cooling System	Polyalphaolefin (PAO)	----------	9150-01-3062470 (55 gal)	S-1748	AEROSHELL FLUID 602	MIL-PRF-87252
Liquid Oxygen System	LOX	71A2250328	6830-99-2250328	----------	----------	----------

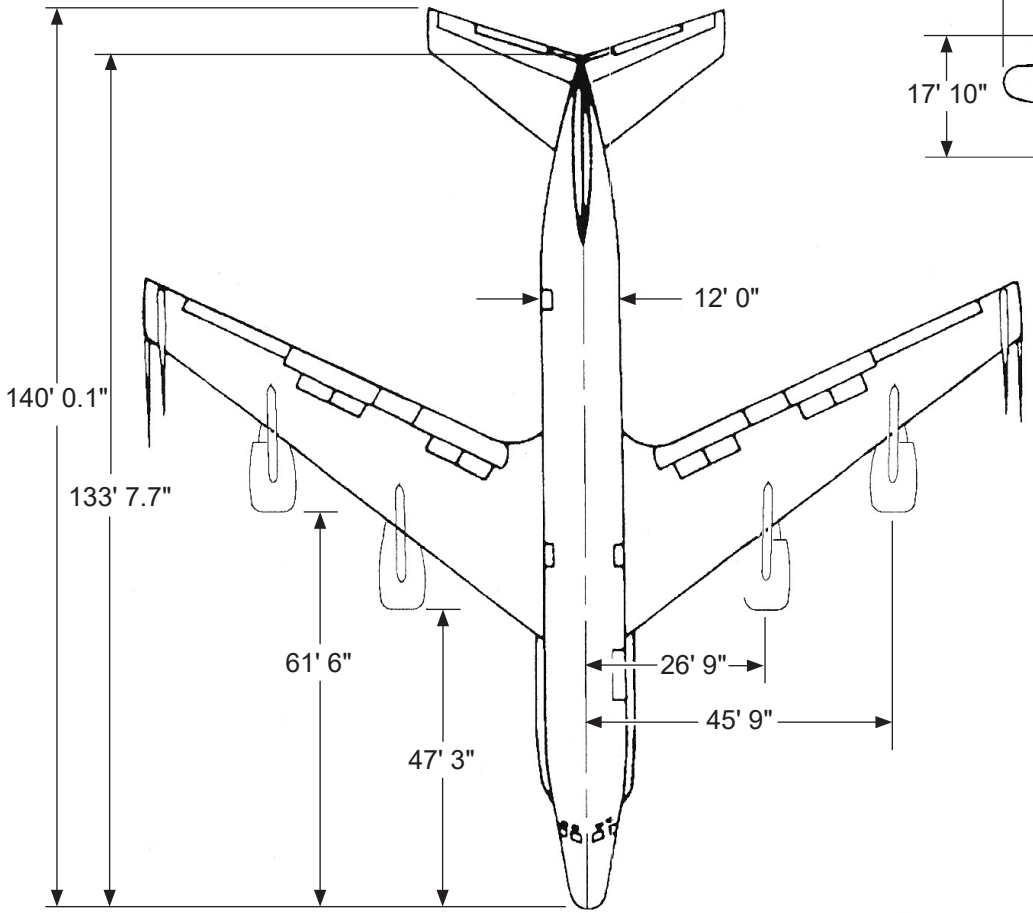
Tyre Pressures (+/- 5psi)		
AUW(lbs)	**Main**	**Nose**
up to 275000	130	115
275000 - 300000	155	130
300000 plus	165	130

Note:

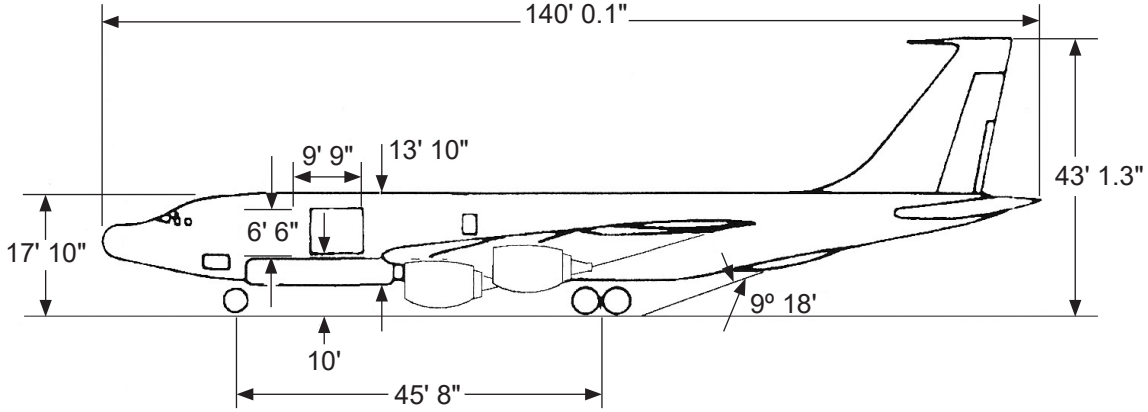
Recommended and alternative fuels iaw T.O.1C-135(RC)(I)-1

Principal Dimensions

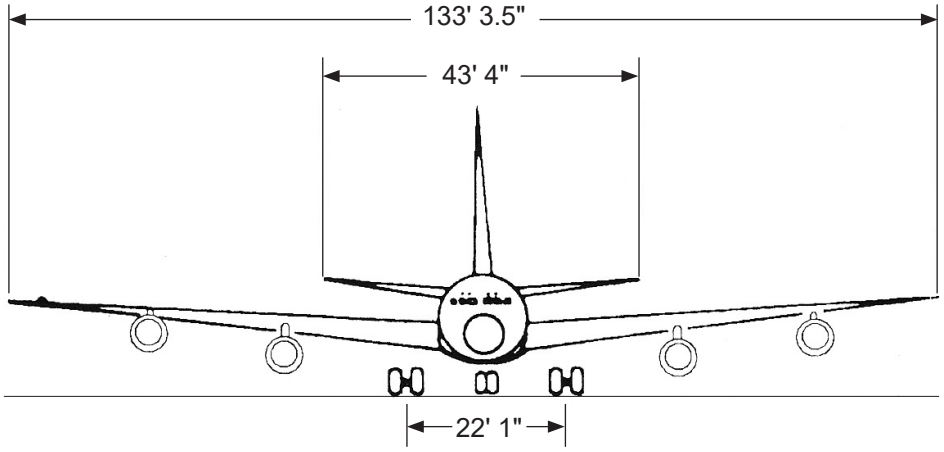
Applicability
Aircraft with F108-CF-201 Turbo Fan Engines



Plan View



Side View

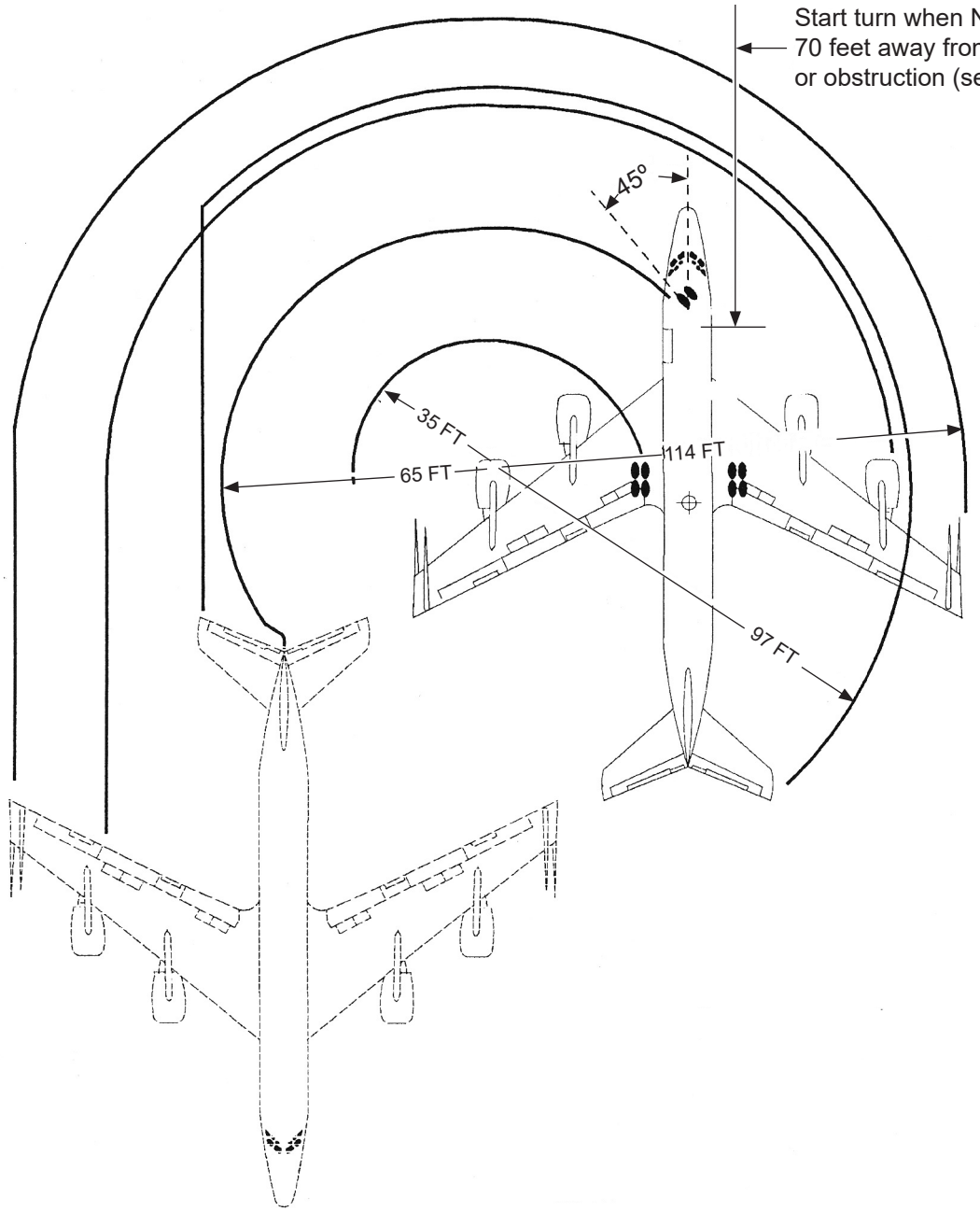


Front View

Note:

Principle Dimensions iaw T.O.1C-135-2-1-1 / T.O. 1C-135(RC)-1

Minimum Turning Radius



Clearances (Average)	
Wing Tip	12 FT. Minimum
Outboard Nacelles	40 IN. Minimum
Inboard Nacelles	18 IN. Maximum
Fuselage Top	17 FT. 11 IN. Maximum
Vertical Fin	41 FT. 9 IN. Maximum
Height (fin folded)	19 FT. 10 IN. Maximum

Minimum Runway Taxiway Width for 180° Turn	
For Gear Only	130 FT.
For Wing Tip	230 FT.

Notes:

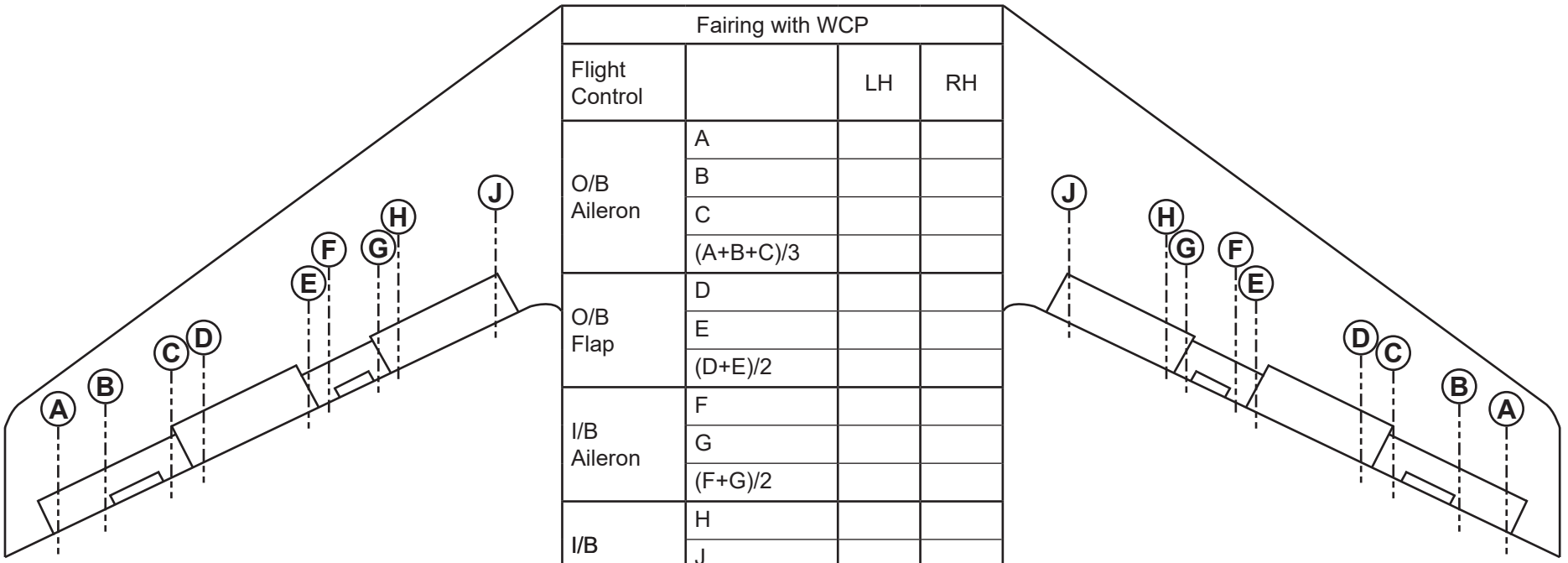
1. When attempting a minimum radius turn, the outside wingtip will swing approximately 3 feet outside the track of the airplane taxiing straight ahead.

2. Minimum turning radius iaw T.O.1C-135-2-2-2.

Flight Neutral Wing Cord Plane Rig References

FINAL FAIRING AND TRAILING EDGE STEP MEASUREMENTS

Final flight control fairing and step measurement, provided post PDM, are presented below for historical purposes and are for reference only.



Fairing with WCP			
Flight Control		LH	RH
O/B Aileron	A		
	B		
	C		
	(A+B+C)/3		
O/B Flap	D		
	E		
	(D+E)/2		
I/B Aileron	F		
	G		
	(F+G)/2		
I/B Flap	H		
	J		
	(H+J)/2		