

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 27	-----	9150-99-2201940	O-156	DEF STAN 91-101	MIL-PRF-23699
Hydraulic Oil System and Freight Door	OX 538	-----	9150-99-2853752	H538	-----	MIL-PRF-87257
Liquid Cooling System	Polyalpha- olefin (PAO)	-----	-----	S-1748	AEROSHELL FLUID 602	-----
Liquid Oxygen System	LOX	71A2250328	6830-99-2250328	-----	-----	-----

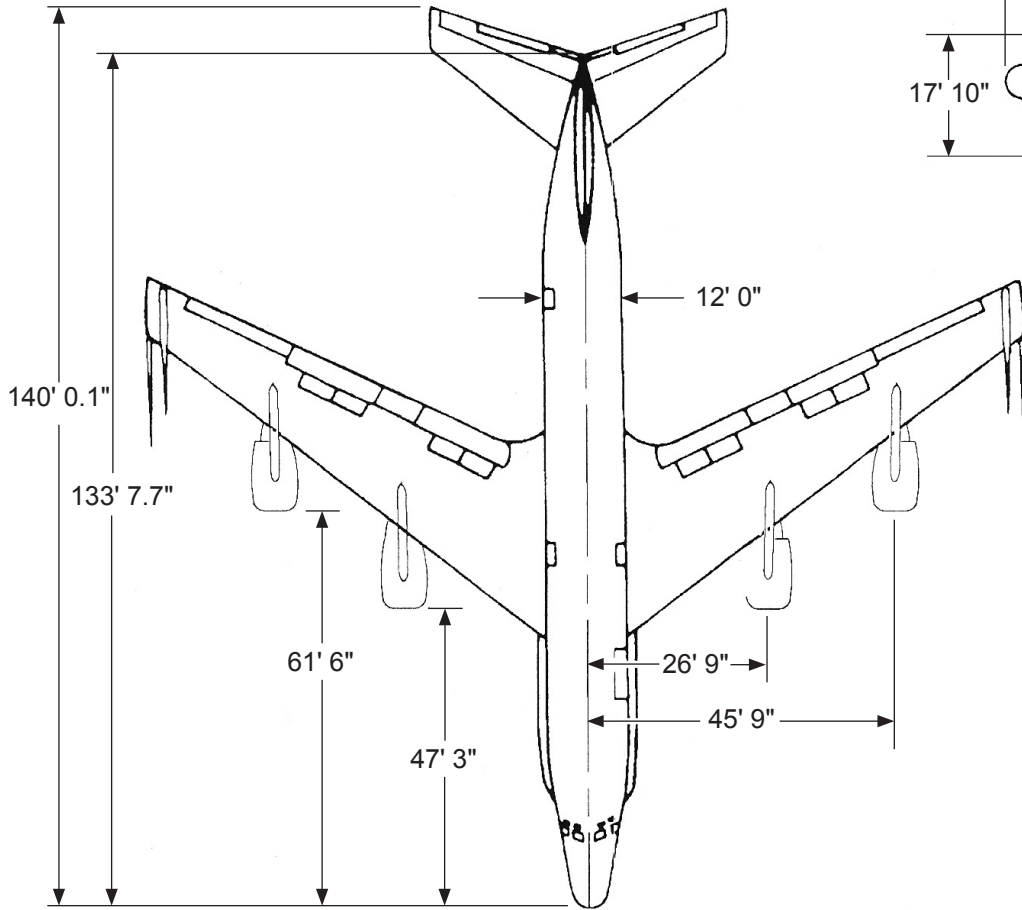
Tyre Pressures (+/- 5psi)		
AUW(lbs)	Main	Nose
up to 275000	130	115
275000 - 300000	155	130
300000 plus	165	130

Note:

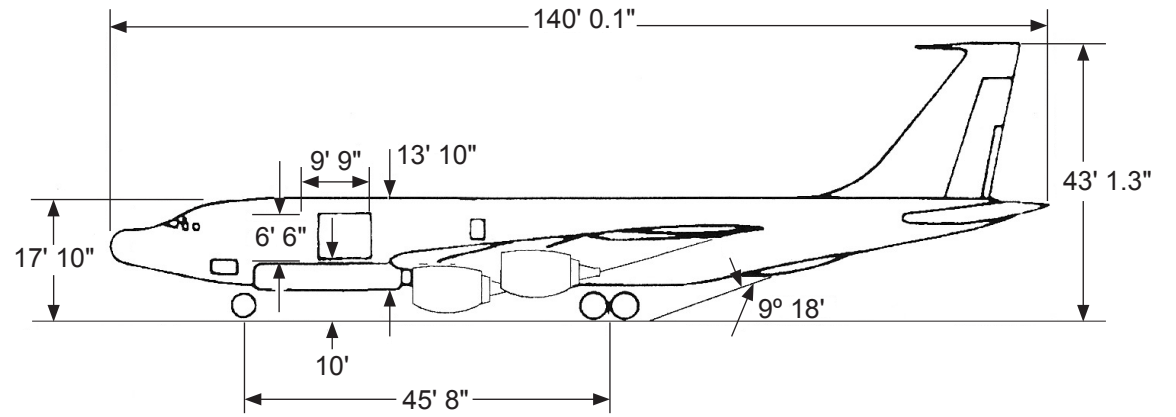
Recommended and alternative fuels iaw T.O.1C-135(RC)(I)-1

Principal Dimensions

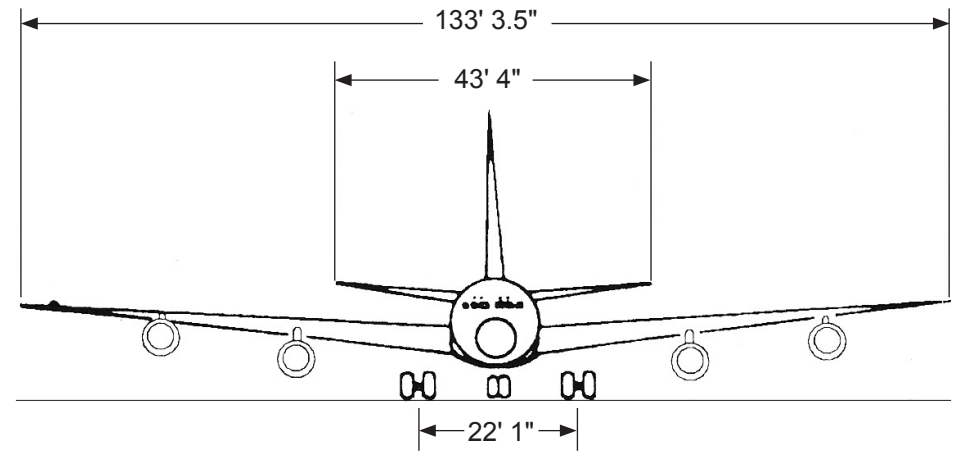
Applicability
Aircraft with F108-CF-201 Turbo Fan Engines



Plan View



Side View

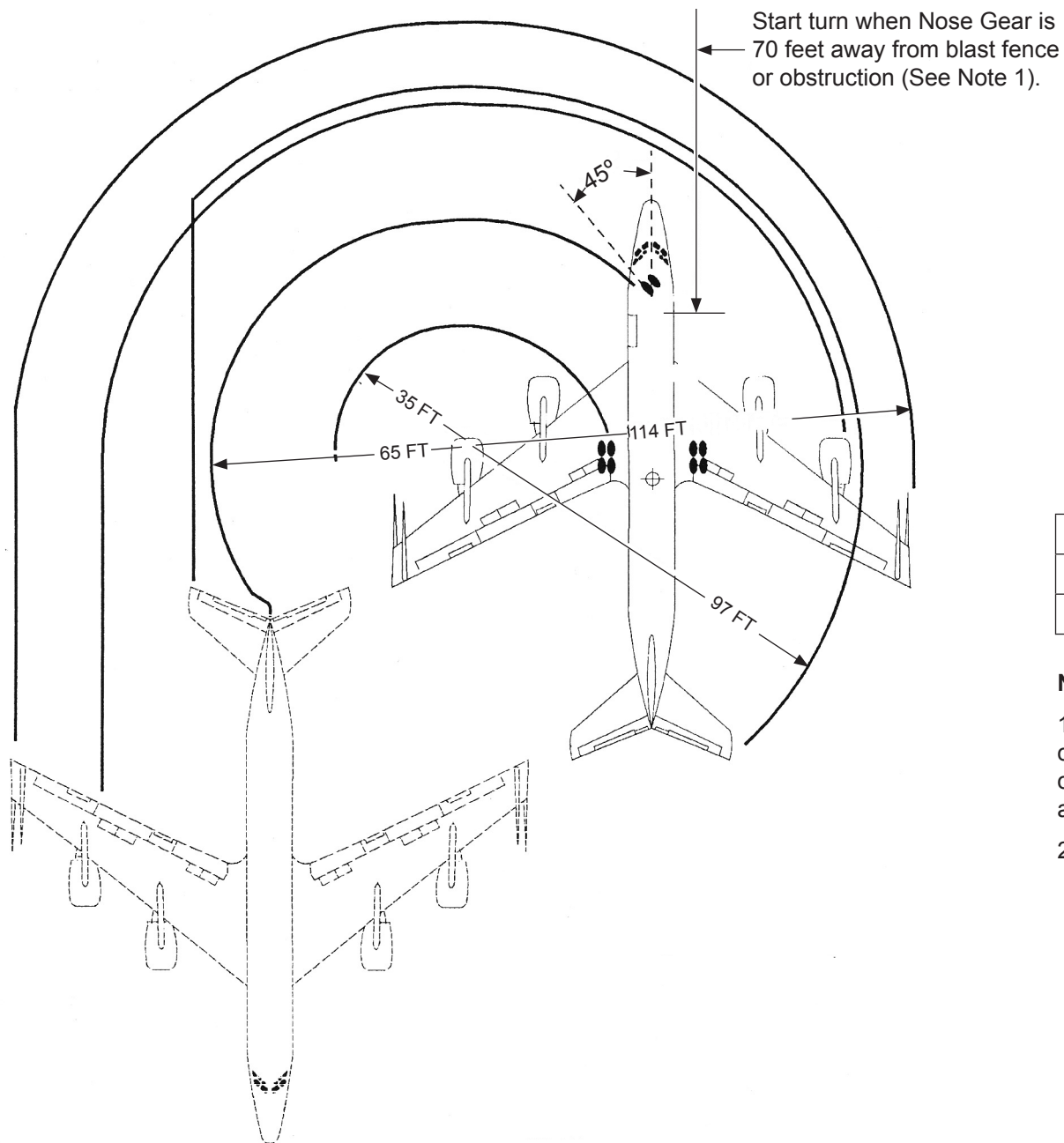


Front View

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.

