

# Leading Particulars - Wildcat

MOD Form 701(Wildcat)  
(Revised May 24)

Aircraft Serial No: \_\_\_\_\_

Fuel Tank Capacity (Kg)(@0.815SG) (post mod L2246)				
Tank or Group No.	Collectors	Main	Fwd	Total
Capacity (Gravity)	198	398	148	744
Capacity (Pressure)	198	430	148	776

	NATO Code	UK Specification	French Specification	US Specification	Operating Restrictions
<b>Standard Fuels</b>	F24			JET A with additives	F24 freeze point is minus 40°C OAT. F24 is subject to the same restrictions applied to F35 (AVTUR) when embarked on RN or RFA vessels.
	F34	Def Stan 91-87 (AVTUR FSII)	DCSEA134/B	MIL-DTL-83133F (JP8)	
	F35	Def Stan 91-91 (AVTUR)	DCSEA134/B	MIL-DTL-83133F(JP8) JETA, A1 and B	If used below +5°C OAT, FSII must be added.
	F40	Def Stan 91-88 (AVTAG FSII)		MIL-DTL-5624 (JP-4)16884	
	F44	Def Stan 91-86 (AVCAT FSII)	DCSEA144/B	MIL-DTL-5624U (JP-5)	
<b>Emergency Fuels</b>	A-A-52557 Conforming				1. Booster pumps must be operating when engine is running.
	F18	Def Stan 91-90 (AVGAS100LL)	DCSEA118/B	ASTM D910-07a	
	F54	Def Stan 91-9 (DIESO Military)			2. Use is limited to operations up to 6 hours and 90% take-off power.
	ASTM D 439 Conforming				3. F76 not to be used below 0°C OAT.
F75/76	Def Stan 91-4 (DIESO F76)	STM 110A/B	MIL-DTL-16884L		

**Note 1:** F24, F34, F35 and F44 containing synthetic fuel components are cleared for use.  
**Note 2:** Fuel System Icing Inhibitor (FSII) (Def Stan 68-252) may be used in proportions of 0.10% to 0.15% by volume.

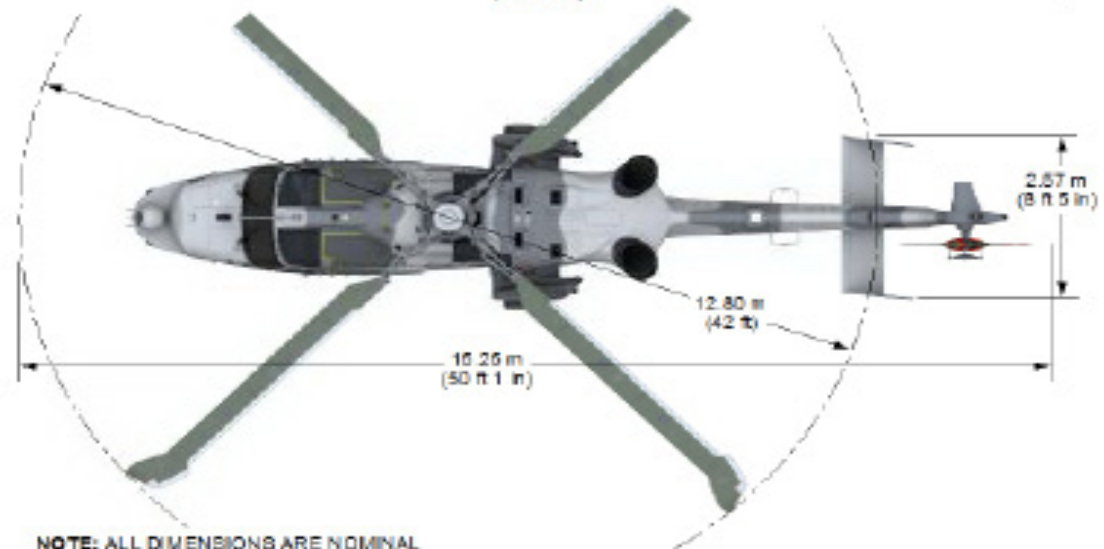
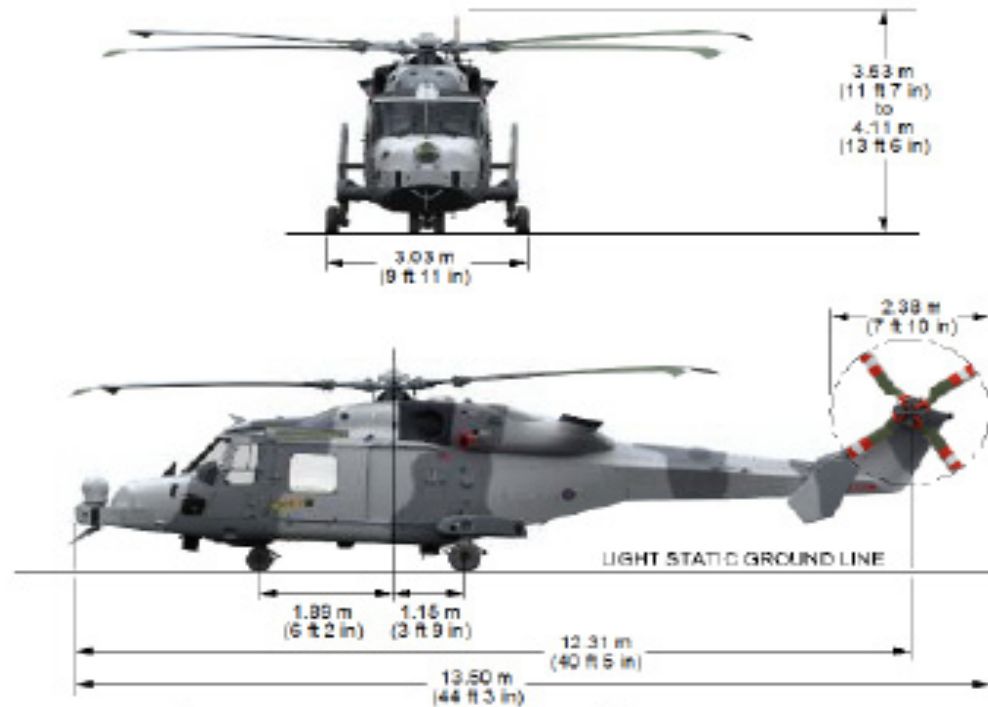
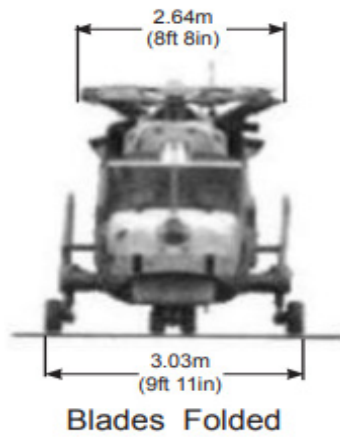
Standard Lubricants, Fluids and Gases				
System	Type	NATO	NSN	Specification
Engine	OX27	O-156	9150-99-2201940	DS 91-101
MRGB	OX125	O-164	9150-99-4643014	ACS-4035
IGB	OX125	O-164	9150-99-4643014	ACS-4035
TRGB	OX125	O-164	9150-99-4643014	ACS-4035
Hydraulic	OM15	H-515	9150-99-9100572	DS 91-48
Windscreen Washers	AL36		6850-99-2245397	DTD 900/4939B
De-Icing	AL11	S-737	6810-99-2245628	BS1595

Miscellaneous	
Code	Unit Address
Holding Unit (HUC)	
Repair Unit (RUC)	
SOAP Code	Tel No:

Tyre Pressures		
	lb/in <sup>2</sup>	Bar
Main	116	8.01
Nose	120	8.28

Radioactive Sources Fitted Wildcat Aircraft				
Position	Device	Ref No.	Isotope	Quantity
Cockpit	Battery Master Switch	5930-99-1314703	Tritium	1
Engine	Exciter Ignition	1680-01-5791920	Krypton 85	1 per engine

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NOTE: ALL DIMENSIONS ARE NOMINAL