

Leading Particulars - Apache

MOD Form 701(Apache)(Army)
(Revised Feb 21)
PPQ=10

Aircraft Serial No: _____ Mk: AH1

Fuel Tank Capacities (lbs)			
Tank or Group Number	Fwd	Aft	Total
Capacity	1045.2	1474	2519.2

Standard Fuels					
Type	NATO Code	US Spec	Specification	Stores Reference	Remarks (temp range etc)
AVTUR F.S.I.I	F34	JP 8	Def Stan 91-87	9130-99-2201036	
AVTAG F.S.I.I.	F40	JP 4	Def Stan 91-88	9130-99-2201037	
AVCAT F.S.I.I	F44	JP 5	Def Stan 91-86	9130-99-2201048	

Alternative Fuels					
Type	NATO Code	US Spec	Specification	Stores Reference	Remarks (temp range etc)
AVTUR	F35	JET A1	Def Stan 99-91	9130-99-9431771	Not to be used for more than 14 consecutive days followed by the same amount of days using fuel with FSII. Limited for use up to but not lower than -10 Degrees Celsius.

Tyre Pressures (lbf/in ²)		
	MAIN	TAIL
All Conditions	105 +/- 5	105 +/- 5

Standard Lubricants and Fluids					
System	Type	NATO Code	Specification	Stores Reference	Remarks (temp range etc)
Wheel Brakes	OM-15	H-515	MIL-H-5606	IAW DEF STAN 01-5	
Shock Struts	OM-15	H-515	MIL-H-5606	IAW DEF STAN 01-5	
Pri Hyd	OX-19	H-537	MIL-H-83282	IAW DEF STAN 01-5	> -32°C
Utl Hyd	OX-19	H-537	MIL-H-83282	IAW DEF STAN 01-5	> -32°C
Engines	OX-27	O-156C	MIL-L-23699	IAW DEF STAN 01-5	
APU	OX-27	O-156C	MIL-L-23699	IAW DEF STAN 01-5	
Air Turbine Starter	OX-27	O-156C	MIL-L-23699	IAW DEF STAN 01-5	
Nose G/Box	OX-27	O-156C	MIL-L-23699	IAW DEF STAN 01-5	
Main G/Box	OX-27	O-156C	MIL-L-23699	IAW DEF STAN 01-5	
Inter G/Box	Grease	Brand Specific	Boeing Spec HMS20-1155		Syn-Tech-4405FG
Tail G/Box	Grease	Brand Specific	Boeing Spec HMS20-1155		Syn-Tech-4405FG
APU Clutch	Grease	Brand Specific	HMS20 - 1155		Syn-Tech-4405FG
ECS			R-134A		Refrigerant
ECS Compressor				9150-01-4108972	Oil Icematic SW-68
Wheel Bearings				9150-00-9355851	Aeroshell 22
Gun Recoil Damper			MIL-H-5606		

Miscellaneous			
			Unit Address
Quadrant Key			
DTC Serial No			
Holding Unit Code (HUC)			
Repair Unit Code (RUC)			
SOAP Code			Tel No: _____ Civ/Mil

Alternative Lubricants & Fluids

System	Type	NATO Code	Specification	Stores Reference	Remarks (temp range etc)
ECU	OX-26	O-160	Def Stan 91-100	IAW DEF STAN 01-5	-40°C to +190°C
ECU	OX-9	O-148		IAW DEF STAN 01-5	below +30°C only
APU	OX-9	O-148		IAW DEF STAN 01-5	below - 4°C only
Pri & Utl Hyd	OM-15	H-515	Mil-H-5606	IAW DEF STAN 01-5	below - 32°C only
Aeroshell Fluid 41	OM-15	H-515	Def Stan 91-48	IAW DEF STAN 01-5	-54°C to +90°C

Radio Active Sources Fitted to Apache AH Mk1 Aircraft

Position	Ref No	Isotope	Quantity
TADS Turret Lens Coating	Pt No 13076290-519	Thorium Fluoride	1
TADS Night Sensor Assy	Pt No 13076056-559	Thorium Fluoride	1
TADS Night Sensor Shroud	Pt No 13076080-039	Thorium Fluoride	1
TADS Day Sensor Assy	Pt No 79716120-509	Thorium Fluoride	1
TADS Boresight Module	Pt No 13075454-029	Thorium Fluoride	1
PNVS Turret Assy	Pt No 13080250-039	Thorium Fluoride	1
PNVS Turret Shroud	Pt No 13080400-039	Thorium Fluoride	1

