

Serial # : 9241

Date of Manufacture: 2/3/2009

Issue of STD Airworthiness: 4/21/2009, 3.8 hours

AD / ASB Warranty Expires: April 13, 2012 827.9 Hours 24 mo / 800 Hrs (Ref. email dated 2/14/2011, JB Kincaid)

STD Warranty Expires: April 13, 2013 527.9 Hours 36 mo / 500 Hrs (Ref. email dated 2/14/2011, JB Kincaid)

Service Fluids / Lube

Engine: Mobil Jet II
 MGB: Mobil Jet II
 Main Rotor Head: MIL-PRF-23699
 TRGB: Mobil Jet II
 Hydraulic: Mil-H- 5606 (Royco 782)
 Rotorbrake: Mobil Jet II

INSPECTION & COMPONENT STATUS,
 This inspection and component Status is for Rotorcraft maintained in accordance with FAR 91.409 (c)(4)(e)(f)(3). A current Inspection / Maintenance Program Recommended by the Manufacturer.

Hobbs: 483.7

ACTT: 483.7

Landings: 609

Engine : Turbomeca, Arriel 1 E2

LH # 1 Serial # : 47143 D.O.M. 9/30/08

Engine TT # 1: 483.7 E.I.S. 1/30/09

GP / N1 cycles # 1: 418.60

NP / N2 Cycles # 1: 614

RH # 2 Serial # : 47149 D.O.M. 10/16/08

Engine TT # 2: 483.7 E.I.S. 1/30/09

GP / N1 cycles # 2: 409.70

NP / N2 Cycles # 2: 605

Chapter 05 - Scheduled inspections

Ref. Eurocopter MBB BK117 C-2 MSM Normal Rev. 013 dated 2011.08.01

Inspections, Recurring Inspections, Maintenance, Airworthiness Directives, Service Bulletins & SLL's	Time on Part at installation	TT at Compliance	Compliance Date	ReCompliance Due at Act	Time Left To ReCompliance	Action Interval	Hours(H) Months M Cyc C	% Remaining
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Airframe Inspection Summary**MSM 05-21-00, 6-1**

Pre-Flight Check	Flight Manual (FLM)	To be performed according to (Flight Manual(FLM), MBB BK117 C-2, Eurocopter Deutschland GmbH).
Pre-Flight Check of optional equipment		To be performed according to FLM Supplements Flight Manual (FLM)

MSM 05-21-00, 6-2

Supplementary Check, 50 Fh	MSM 05-21-00, 6-2	N/A, due to Fuzz burner system installed as per "Note"
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MSM 05-21-00, 6-3

Supplementary Check, 100 Fh	MSM 05-21-00, 6-3	421.0	6/20/2011	521.0	37.3	100 Fh	37%
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MSM 05-21-00, 6-4

Intermediate Inspection	MSM 05-21-00, 6-4	421.0	6/20/2011	821.0	337.3	400 Fh 3 Y	84%
				Due on or before	Jun-14		

MSM 05-22-00, 6-1

12-month Inspection	MSM 05-22-00, 6-1	421.0	6/20/2011	Due on or before:	6/20/12	12 M	
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MSM 05-23-00, 6-1

Periodical Inspection	MSM 05-23-00, 6-1	421.0	6/20/2011	1221.0	737.3	800 Fh 3 Y	92%
				Due on or before	Jun-14		

MSM 05-24-00, 6-1

Extended Periodical Inspection							N/A, Task no longer necessary per MSM
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MSM 05-25-00, 6-1

Supplementary Inspection according to flight hour and / or calendar time	MSM 05-25-00, 6-1						See individual compliance times and / or dates below for installed components
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F.A.R. Requirements

FAR 409 (a)	Annual Inspection	421.0	6/20/2011	Due on or before	6/20/12	12 M	
FAR 91.207 (d)	ELT system inspection	421.0	6/20/2011	Due on or before	6/20/12	12 M	
	ELT Battery			Due on or before	Mar 2014		
FAR 91.411 (IFR)	Altimeter system & Altitude reporting	421.0	6/20/2011	Due on or before	6/20/13	24 M	
FAR 91.413	ATC Transponder Test & Inspect.	421.0	6/20/2011	Due on or before	6/20/13	24 M	
Stanby-compass Swing		421.0	6/20/2011				

Service Bulletins, Letters, & Telex's

BK117 C-2-52A-010 R1	Replacement of lower door bracket	421.0	6/20/2011				
	Parts on order for above S.B.						
BK117 C-2-67A-011 R2	Chk bearings in bellcrank for correct attachment, Para. 3.C	286.2	6/1/2010	586.2	102.5	300 Fh	34%
BK117 C-2-24A-006 R3	Replacement of the generator voltage regulators						9/30/2012
	Parts on order for above S.B.						
BK117 C-2-24A-008 R1	Removal of 2 diodes in After Junction Boxes		11/4/2011	Due on or before	12/31/2011	opportunity	
BK117 C-2-24A-010 R2	Check, Replacement of the generator voltage regulators	410.0	10/3/2011	710.0	226.3	300 Fh	75%
	(date entered)						12/31/2011

Applicable Recurring Inspections, Airworthiness Directives, Service Bulletins, & Maintenance	ACTT at Compliance	Compliance Date	ReCompliance Due at Actt	Time Left To ReCompliance	Action Interval	Hours(H) Months M Cyc C	% Remaining
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STC Installed Equipment

Artex Emergency Locator Transmitter, P/N C406-NHM

Inspect installation	Ref. Metro Avn. ICA Report No. BK117-Avionics and	421.0	6/20/2011	521.0	37.3	100 Fh	37%
	Ref. C406-N 570-5060, Task 25-62-13-750-801	421.0	6/20/2011	Due on or before:	6/20/12	12 M	

FAA Form 337 dated 10/13/09

Garmin GMX-200 Multi-Function Display, STC# SA1692SE

Installation inspection	Ref. Metro Avn. ICA Report No. BK117-MFD	421.0	6/20/2011	821.0	337.3	400 Fh	84%
			6/20/2011	Due on or before:	6/20/12	12 M	

Ref. FAA Form 337 dated 10/13/09

Metro Aviation, Inc. installed Whelen Anti-Collision Light

Inspect equipment installed per FAA Form 337 "Anti-Collision Light "		421.0	6/20/2011	521.0	37.3	100 Fh	37%
	Ref. Metro Avn. ICA Report No. BK117-Anti Collision Light Replacement		6/20/2011	Due on or before:	6/20/12	12 M	

FAA Form 337 dated 10/13/09

Metro Aviation, Inc. installed Traffic Advisory System

Inspect equipment installed per FAA Form 337 "Traffic Advisory System"		421.0	6/20/2011	821.0	337.3	400 Fh	84%
	Ref. Metro Avn. ICA Report No. BK117-TCAD		6/20/2011	Due on or before:	6/20/12	12 M	

FAA Form 337 dated 10/13/09

Metro Aviation, Inc. installed Avionics Equipment

Inspect equipment installed per FAA Form 337 "Audio / ICS and ELT"		421.0	6/20/2011	821.0	337.3	400 Fh	84%
	Ref. Metro Avn. ICA Report No. BK117-Avionics		6/20/2011	Due on or before:	6/20/12	12 M	

FAA Form 337 dated 10/13/09

Metro Aviation, Inc. installed Data Link System

Inspect equipment installed per FAA Form 337 "Data Link System"		421.0	6/20/2011	821.0	337.3	400 Fh	84%
	Ref. Metro Avn. ICA Report No. BK117-GDL		6/20/2011	Due on or before:	6/20/12	12 M	

FAA Form 337 dated 10/13/09

Metro Aviation, Inc. Supplemental Strobe Lighting, STC# SR09405RC

Installation inspection	Ref. Metro Avn. "Eqpt. M/M Optional Equipment" 05-11-00 Para. 6	421.0	6/20/2011	521.0	37.3	100 Fh	37%
			6/20/2011	Due on or before:	6/20/12	12 M	

Ref. FAA Form 337 dated 10/13/09

Metro Aviation, Inc. Freon air conditioning system, STC# SH3880SW

Pre-flight checks	Ref. Metro Avn. EC145 AC FMS, Para. 6			Preflight check performed before the first flight of the day			
Complementary Checks	Ref. Metro Avn. Vapor cycle A/C EC145 EMM , Para. 6-2	421.0	6/20/2011	471.0	-12.7	50 Fh	-25%
12 Mo./100 Fh Inspection	Ref. Metro Avn. Vapor cycle A/C EC145 EMM , Para. 6-2	421.0	6/20/2011	521.0	37.3	100 Fh	37%
			6/20/2011	Due on or before:	6/20/12	12 M	
Intermediate Inspection	Ref. Metro Avn. Vapor cycle A/C EC145 EMM , Para. 6-2	421.0	6/20/2011	1021.0	537.3	600 Fh	90%
			6/20/2011	Due on or before:	6/21/13	24 M	

Ref. FAA Form 337 dated 10/13/09

Metro Aviation, Inc. Single Pilot IFR Avionics, STC# SR09404RC

AFCS Preflight check	Ref. Metro Avn. FMS 145M150, Para. 4			Preflight check performed prior to the first flight of the day			
Installation / Operational checks	Ref. Metro Avn. "Eqpt. M/M Single Pilot IFR" 05-11-00 and 05-21-00, Para. 6-3	421.0	6/20/2011	521.0	37.3	100 Fh	37%
			6/20/2011	Due on or before:	6/20/12	12 M	
Installation / Operational checks	Ref. Metro Avn. "Eqpt. M/M Single Pilot IFR" 05-11-00 and 05-21-00, Para. 6-4	421.0	6/20/2011	1021.0	537.3	600 Fh	90%
			6/20/2011	Due on or before:	6/20/13	24 M	

Ref. FAA Form 337 dated 10/13/09

Tech-Tool Plastics Inc., Tinted Windows, STC# SR09102RC-D

Ref. FAA Form 337 dated 10/13/09
Inspection performed per BK117 C-2 AMM at specified intervals

Applicable Recurring Inspections, Airworthiness Directives, Service Bulletins, & Maintenance	ACTT at Compliance	Compliance Date	ReCompliance Due at Actt	Time Left To ReCompliance	Action Interval	Hours(H) Months M Cyc C	% Remaining
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MSM 05-12-00, 6-1, Change of Fluids and Lubrication - Time Limits

Change hydraulic fluid and filters	AMM 29-00-00, 3-3	421.0	6/20/2011	1221.0	737.3	800 Fh	92%
			6/20/2011	Due on or before:	6/20/12	12 M	
SOAP of hydraulic fluid	IAW Note per MSM	0.0	2/3/2009	5600.0	5116.3	5600 Fh	91%
Lubricate hydraulic pump splines	AMM 29-11-00, 4-1	421.0	6/20/2011	1221.0	737.3	800 Fh	92%
			6/20/2011	Due on or before:	6/20/12	12 M	
Lubricate swashplate bearings	AMM 12-10-00, 3-13		6/20/2011	Due on or before:	6/20/12	12 M	
Change MGB fluid	AMM 63-21-00, 3-1	421.0	6/20/2011	1021.0	537.3	600 Fh	90%
			6/20/2011	Due on or before:	6/20/12	12 M	
Change rotor brake fluid	AMM 63-51-00, 3-3	286.2	6/1/2010	1086.2	602.5	800 Fh	75%
				Due on or before:	Jun-13	3 Y	
Change IGB fluid	AMM 12-10-00, 3-6	421.0	6/20/2011	1021.0	537.3	600 Fh	90%
			6/20/2011	Due on or before:	6/20/12	12 M	

Applicable Recurring Inspections, Airworthiness Directives, Service Bulletins, & Maintenance	ACTT at Compliance	Compliance Date	ReCompliance Due at Actt	Time Left To ReCompliance	Action Interval	Hours(H) Months M Cyc C	% Remaining
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MSM 05-12-00, 6-1, Change of Fluids and Lubrication - Time Limits

Change TGB fluid	AMM 12-10-00, 3-7	421.0	6/20/2011	1021.0	537.3	600 Fh 12 M	90%
			6/20/2011	Due on or before:	6/20/12		
Lubricate T/R sliding sleeve assy.	AMM 12-10-00, 3-14		6/20/2011	Due on or before:	6/20/12	12 M	
Oil engine inlet barrier filters (IBF)	CMM SAIM71-64-01	421.0	6/20/2011	621.0	137.3	200 Fh	69%

MSM 05-25-00, 6-1, Supplementary Inspections according to Flight Hour and / or Calendar Time

12 - Servicing

If helicopter parked for more than one week, and if fuel contains anti-icing additive, drain the water from the fuel tanks one time per week.	AMM 12-10-00, 3-16			Due on or before:		7 D	
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21 - Cockpit Ventilation System

Determine the brush wear on the blower brush	AMM 21-22-00, 6-2						N/A, due to equipment not installed
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22 - Auto Flight System

N/A, Tasks deleted

23 - Communications

Check and inspect communications systems			6/20/2011	Due on or before:	6/20/12	12 M	
Check and inspect Traffic Alert and Collision Avoidance Systems			6/20/2011	Due on or before:	6/20/12	12 M	

24 - Electrical Power System

Check DC power system for operation (installed)	AMM 24-30-00, 5-1	421.0	6/20/2011	1621.0	1137.3	1200 Fh	95%
Adjust DC Power system (installed)	AMM 24-30-00, 5-3	421.0	6/20/2011	1621.0	1137.3	1200 Fh	95%
Inspect all grounding and bonding connections as well as ground terminals on generators for condition (installed)	AMM 20-00-00, 2-11	0.0	2/3/2009	2400.0	1916.3	2400 Fh 6 Y	80%
				Due on or before:	Feb-15		
Visually inspect - battery system (battery removed) - installation area of the battery system	AMM 24-30-00,6-2		6/20/2011	Due on or before:	6/20/12	12 M	
Battery replacement	SAFT TN6 Rev. 0 dated March 2008		2/3/2009	Due on or before:	Feb-21	12 Y	
Regular check- General Overhaul	CMM 24-30-25 and SAFT TN5 Rev. 2 dated July 2004		6/1/2010	Due on or before:	Jun-11	12 M	

25 - Equipment / Furnishings

Inspect seat rails (pilot / copilot seats removed)	AMM 25-11-00,6-2 / 4-1	0.0	2/3/2009	1200.0	716.3	1200 Fh	60%
Inspect seat attaching device of passenger seats and floor rails for wear, other damage and function (installed)(passenger seats removed)	AMM 25-21-01,6-1	0.0	2/3/2009	1200.0	716.3	1200 Fh	60%
Inspect flashlight (removed)	AMM 25-60-00,6-1)		6/20/2011	Due on or before:	8/19/11	60 D	
Check distress signal device							N/A, due to equipment not installed
Check the emergency locator transmitter ELT (installed), Do an ELT remote control selftest	AMM 25-61-00,6-1 / 5-1		6/20/2011	Due on or before:	6/20/12	12 M	
Functional test of the under water locator beacon							N/A, due to equipment not installed
Check transmission of the distress signal of emergency locator transmitter (installed)			6/20/2011	Due on or before:	6/20/12	12 M	
Inspect first aid kit			6/20/2011	Due on or before:	6/20/12	12 M	

26 - Fire Protection System

Check electrical circuit of the fire extinguisher system and explosive cartridge (installed)	AMM 26-20-00,5-1	0.0	2/3/2009	1200.0	716.3	1200 Fh	60%
Weigh the fire extinguisher bottles (removed)	AMM 26-21-01,5-1		2/3/2009	Due on or before:	Feb-14	5 Y	

Applicable Recurring Inspections, Airworthiness Directives, Service Bulletins, & Maintenance	ACTT at Compliance	Compliance Date	ReCompliance Due at Act	Time Left To ReCompliance	Action Interval	Hours(H) Months M Cyc C	% Remaining
Inspect portable fire extinguisher (removed) Determine weight	AMM 26-25-00,6-1 AMM 26-25-00,5-1	6/20/2011	Due on or before	Jun-13	2 Y		
Do hydrostatic pressure test of container of portable fire extinguisher (removed)		8/1/2008	Due on or before	Aug-18	10 Y		
<u>28 - Fuel System</u>							
Inspect long range fuel tank (installed)	AMM 28-18-00, 6-1						N/A, due to equipment not installed
Inspect interior of the bladder tank (optional equipment) (removed)	AMM 28-18-00,6-1 / 4-1						N/A, due to equipment not installed
<u>29 - Hydraulic Power System</u>							
Inspect plate assembly: Inspect module plate assy and attachment points for damage and corrosion (plate assembly removed)	AMM 29-14-00, 4-1	0.0	2/3/2009	5600.0	5116.3	5600 Fh	91%
SOAP sample of hydraulic fluid		0.0	2/3/2009	5600.0	5116.3	5600 Fh	91%
Inspect hydraulic lines	AMM 29-15-00,6-1	0.0	2/3/2009	6400.0	5916.3	6400 Fh	92%
<u>31 - Indicating and Recording Systems</u>							
Inspect the cockpit voice and flight data recorder CVFDR							N/A, due to equipment not installed
Functional test of water sensitive switch							N/A, due to equipment not installed
Functional test of the battery of the CVFDR							N/A, due to equipment not installed
Functional test of CVR							N/A, due to equipment not installed
<u>32 - Landing Gear</u>							
Inspect emergency floatation system (installed)							N/A, due to equipment not installed
Weight and pressure test of gas cylinder of emergency floatation system (removed)							N/A, due to equipment not installed
Requalification (hydrostatic retest) of gas cylinder of emergency floatation system (removed)							N/A, due to equipment not installed
Resistance measuring of the fuse disc of emergency floatation system (installed)							N/A, due to equipment not installed
Pressure and valve tests of floats of emergency floatation system							N/A, due to equipment not installed
Inspect the positioning bore and the area around for corrosion and / or cracks (cargo hook installed)							N/A, due to equipment not installed
<u>33 - Lights</u>							
Inspect searchlight SX16							N/A, due to equipment not installed
Check power supply and rechargeable battery for HEEL cabin and do capacity test							N/A, due to equipment not installed
<u>34 - Navigation</u>							
Check emergency power supply of standby horizon for sufficient battery capacity (installed)	AMM 34-24-00,6-1	420.1	6/20/2011	Due on or before:	12/20/11	6 M	
		420.1	6/20/2011	Due on or before:	6/20/12	12 M	
Inspect and check avionics equipment	CMM for individual equipment		6/20/2011	Due on or before:	6/20/12	12 M	
Do a leak test of pitot-static system	AMM 34-10-00, 5-1		6/20/2011	Due on or before:	6/20/12	12 M	[IFR]
Inspect display accuracy of pitot-static system	AMM 34-10-00, 5-2		6/20/2011	Due on or before:	6/20/12	12 M	[IFR]
<u>43 - Tactical Communications</u>							
Inspect and check tactical communications	CMM for individual equipment						N/A, due to equipment not installed
<u>53 - Fuselage</u>							
Inspect floor access covers and seat rails for damage and corrosion (installed) (seats removed)	AMM 53-30-00,6-1	0.0	2/3/2009	1200.0	716.3	1200 Fh	60%
Inspect inside of the tail cone for condition (tail boom removed)	AMM 53-31-02,6-1	0.0	2/3/2009	1200.0	716.3	1200 Fh	60%
Inspect main transmission fittings of the fuselage for condition	AMM 53-31-02,6-1	0.0	2/3/2009	3600.0	3116.3	3600 Fh	87%
Inspect tail boom, tail boom structure and ring frame of the tail boom for condition (removed)	AMM 53-50-00, 6-1	0.0	2/3/2009	1200.0	716.3	1200 Fh	60%
Remove vertical fin fairing and inspect internal structure of the vertical fin for condition							N/A, due to aircraft s/n 9241
Inspect horizontal stabilizer w/ end plates (removed)	AMM 53-53-00,6-1	0.0	2/3/2009	1200.0	716.3	1200 Fh	60%

Applicable Recurring Inspections, Airworthiness Directives, Service Bulletins, & Maintenance		ACTT at Compliance	Compliance Date	ReCompliance Due at Actt	Time Left To ReCompliance	Action Interval	Hours(H) Months M Cyc C	% Remaining
62 - Main Rotor System								
Inspect primary bolts (removed, cleaned) Do a crack inspection	AMM 62-21-00,6-2	0.0	2/3/2009	2400.0	1916.3	2400 Fh		80%
Inspect secondary bolts (removed, cleaned) Do a crack inspection	AMM 62-21-00,6-3	0.0	2/3/2009	2400.0	1916.3	2400 Fh		80%
Inspect rotating control rods (disassembled)	AMM 62-32-00,6-1	0.0	2/3/2009 2/3/2009	3200.0 Due on or before	2716.3 Feb-13	3200 Fh 4 Y		85%
Inspect main rotor head (removed)	AMM 62-21-00,6-1	0.0	2/3/2009 2/3/2009	4800.0 Due on or before	4316.3 Feb-17	4800 Fh 8 Y		90%
Inspect removed blade fittings and lugs	AMM 62-10-00,6-2	0.0	2/3/2009 2/3/2009	1600.0 Due on or before	1116.3 Feb-15	1600 Fh 6 Y		70%
Effectivity: Main Rotor Vibration Absorbers w/ Oil Filling								
Inspect vibration absorbers (disassembled)	AMM 62-10-00,6-3	0.0	2/3/2009 2/3/2009	1200.0 Due on or before	716.3 Feb-13	1200 Fh 4 Y		60%
Effectivity: ALL								
Inspect vibration absorbers (disassembled) Do a dye penetrant inspection	AMM 62-10-00,6-3	0.0	2/3/2009 2/3/2009	2400.0 Due on or before	1916.3 Feb-17	2400 Fh 8 Y		80%
Dye penetrant inspection of the removed blade fittings	AMM 62-10-00,6-2	0.0	2/3/2009 2/3/2009	2400.0 Due on or before	1916.3 Feb-17	2400 Fh 8 Y		80%
63 - Main Rotor Drive								
Inspect input shaft (removed)	AMM 63-11-00,6-1	0.0	2/3/2009 2/3/2009	4800.0 Due on or before	4316.3 Feb-15	4800 Fh 6 Y		90%
Functional test of pop-up indicator (installed)	AMM 63-21-00,5-4	0.0	2/3/2009	2400.0	1916.3	2400 Fh		80%
Inspect mast spacer (removed)	AMM 63-21-00,6-3	0.0	2/3/2009	1600.0	1116.3	1600 Fh		70%
Inspect torque mount, side load mount and vertical mount (removed)	AMM 63-31-00,6-1 AMM 63-32-00,6-1 AMM 63-33-00,6-1	0.0	2/3/2009	3600.0	3116.3	3600 Fh		87%
Functional test of oil temperature warning switch (removed)	AMM 63-41-00,5-2	0.0	2/3/2009	2400.0	1916.3	2400 Fh		80%
Operational test of oil pressure warning switch (installed)	AMM 63-41-00,5-4	0.0	2/3/2009	2400.0	1916.3	2400 Fh		80%
Functional test of oil temperature bulb (removed)	AMM 63-41-00,5-3	0.0	2/3/2009	2400.0	1916.3	2400 Fh		80%
Effectivity: Rotor brake Type 1								
Inspect the residual thickness of each friction pad							N/A, due to Type 2 installed	
Operational test of the oil pressure transmitters (removal during test)	AMM 63-41-00,5-5	0.0	2/3/2009	2400.0	1916.3	2400 Fh		80%
64 - Tail Rotor System								
Inspect close-tolerance bolts (removed)	AMM 64-10-00,6-2	0.0	2/3/2009 2/3/2009	2400.0 Due on or before	1916.3 Feb-15	2400 Fh 6 Y		80%
Inspect tail rotor head (disassembled)	AMM 64-20-00,6-1	0.0	2/3/2009 2/3/2009	2400.0 Due on or before	1916.3 Feb-15	2400 Fh 6 Y		80%
Dynamically balance the tail rotor	AMM 18-10-00,5-5 / 5-6	421.0	6/20/2011	721.0	237.3	300 Fh		79%
Clean the teflon liner in the bearing sleeve and clean the inner sleeve	AMM 64-20-00,4-2 AMM 64-20-00,7-1	421.0 0.0	6/20/2011 2/3/2009	821.0 800.0	337.3 316.3	400 Fh 800 Fh		84% 40%
65 - Tail Rotor Drive								
Inspect forward short drive shaft (removed)	AMM 65-11-00,6-1	0.0	2/3/2009 2/3/2009	3200.0 Due on or before	2716.3 Feb-15	3200 Fh 6 Y		85%

Applicable Recurring Inspections, Airworthiness Directives, Service Bulletins, & Maintenance		ACTT at Compliance	Compliance Date	ReCompliance Due at Act	Time Left To ReCompliance	Action Interval	Hours(H) Months M Cyc C	% Remaining
Inspect long drive shaft (removed)	AMM 65-11-00,6-2	0.0	2/3/2009 2/3/2009	3200.0 Due on or before	2716.3 Feb-15	3200 Fh 6 Y		85%
Inspect coupling (removed)	AMM 65-11-00,6-3	0.0	2/3/2009 2/3/2009	3200.0 Due on or before	2716.3 Feb-15	3200 Fh 6 Y		85%
Inspect aft short drive shaft (removed)	AMM 65-11-00,6-4	0.0	2/3/2009 2/3/2009	3200.0 Due on or before	2716.3 Feb-15	3200 Fh 6 Y		85%
Inspect tail rotor shaft for play (installed)	AMM 65-11-00,6-6	0.0	2/3/2009	2400.0	1916.3	2400 Fh		80%
Inspect tail rotor shaft (removed)	AMM 65-11-00,6-5	0.0	2/3/2009 2/3/2009	3200.0 Due on or before	2716.3 Feb-15	3200 Fh 6 Y		85%
67 - Rotor Flight Controls								
Inspect control rods between mixing lever assy and swashplate (removed)	AMM 67-13-00,6-2	0.0	2/3/2009 2/3/2009	3200.0 Due on or before	2716.3 Feb-13	3200 Fh 4 Y		85%
Inspect control rods between main transmission and mixing lever assy (disassembled)	AMM 67-13-00,6-2	0.0	2/3/2009 2/3/2009	3200.0 Due on or before	2716.3 Feb-13	3200 Fh 4 Y		85%
Inspect all bolts of flight controls of main rotor in the boosted section (removed)		0.0	2/3/2009 2/3/2009	3200.0 Due on or before	2716.3 Feb-13	3200 Fh 4 Y		85%
Inspect swashplate (disassembled)		0.0	2/3/2009	4800.0	4316.3	4800 Fh		90%
Inspect control lever assemblies (removed)	AMM 67-13-00,6-4	0.0	2/3/2009 2/3/2009	3200.0 Due on or before	2716.3 Feb-13	3200 Fh 4 Y		85%
Inspect forked lever assembly, hinged support and bearing block (removed)	AMM 67-13-00,6-5	0.0	2/3/2009 2/3/2009	3200.0 Due on or before	2716.3 Feb-13	3200 Fh 4 Y		85%
Examine bellcrank assembly (disassembled)	AMM 67-13-00,6-3	0.0	2/3/2009 2/3/2009	3200.0 Due on or before	2716.3 Feb-13	3200 Fh 4 Y		85%
Inspect SEMA control rod in vertical fin (removed)	AMM 67-20-00,6-1	0.0	2/3/2009	1600.0	1116.3	1600 Fh		70%
Borescope SEMA control rod in vertical fin (removed)	AMM 67-20-00,6-1	0.0	2/3/2009	5600.0	5116.3	5600 Fh		91%
Inspect bellcrank at the intermediate gearbox and at tail rotor transmission (removed)	AMM 67-20-00,6-1 AMM 67-20-00,6-3	0.0	2/3/2009	1600.0	1116.3	1600 Fh		70%
Inspect the bearings of the pitch link	AMM 67-20-00,6-2	421.0	6/20/2011	721.0	237.3	300 Fh		79%
Effectivity: Post SB MBB-BK117C-2-67-011								
Check bearings of the bellcrank for correct attachment		286.2	6/1/2010	586.2	102.5	300 Fh		34%
Measure the break out forces of flight controls	AMM 67-00-00,5-4	0.0	2/3/2009	5600.0	5116.3	5600 Fh		91%
Inspect main rotor controls (disassembled)	AMM 67-10-00,6-1	0.0	2/3/2009	5600.0	5116.3	5600 Fh		91%
71 - Powerplant								
Inspect cowlings and fairings (removed)	AMM 71-11-00,6-1	0.0	2/3/2009	1800.0	1316.3	1800 Fh		73%
Effectivity: Inlet Barrier Filter								
Inspect IBF filter assembly (removed)	AMM 71-64-01,6-2	421.0	6/20/2011	621.0	137.3	200 Fh		69%
Regenerate IBF filter assembly, Clean, inspect, reoil	AMM 71-64-01,7-2	421.0	6/20/2011	621.0	137.3	200 Fh		69%
Clean IBF tray assembly	AMM 71-64-01,7-1	421.0	6/20/2011	621.0	137.3	200 Fh		69%
Visually inspect the brackets and retainers	AMM 71-64-00,6-2	421.0	6/20/2011	621.0	137.3	200 Fh		69%
76 - Engine Controls								
Inspect override spring assembly (disassembled)	AMM 76-12-00,6-1	0.0	2/3/2009	2400.0	1916.3	2400 Fh		80%
79 - Oil Cooling System								
Examine oil cooler and fan (removed)	AMM 79-00-00,6-1	0.0	11/1/2008	3600.0	3116.3	3600 Fh		87%
Performed at overhaul of main transmission								

Applicable Recurring Inspections, Airworthiness Directives, Service Bulletins, & Maintenance	ACTT at Compliance	Compliance Date	ReCompliance Due at Actt	Time Left To ReCompliance	Action Interval	Hours(H) Months M Cyc C	% Remaining
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85 - Optional Equipment

Inspect detachable part of external mounted hoist system [log card]						N/A, due to equipment not installed	
Inspect hook and bumper assembly [log card]						N/A, due to equipment not installed	
Inspect hook damper [log card]						N/A, due to equipment not installed	
Inspect the cargo hook system and the external mirror (installed) [log card]						N/A, due to equipment not installed	
Inspect the weighing system of the double cargo hook (installed) [log card]						N/A, due to equipment not installed	
Inspect the fixed provisions of the Centerline Camera Carrier System						N/A, due to equipment not installed	

SERVICE LIFE LIMITS Component	Part Number	Serial Number	Time On Part At Install	Actt At Install or Comply.	Installed Date	Overhaul / Replace Due at Actt	Time Left to OH or Replace	Part Life Limit	Hours(H) Months(m) Cycles©	% Remaining
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Chapter 04 - Airworthiness Limitations

2-4 Time Change Items (Time Change Items and their Life Limits, Table 203)

Pilot / Copilot Seats (25-11-00)

Seat Belts	1-10-015201	0820289		0.0	12/1/2008	Due on or before	Aug-20	12 Y		
	1-09-273201	0810248		0.0	12/1/2008	Due on or before	Aug-20	12 Y		

Passenger Seats (25-21-01)

Seat Belts	1-10-XXXXXX			0.0	12/1/2008	Due on or before	Nov-20	12 Y		
	1-09-XXXXXX									

Utility Seat Bench (25-21-02)

Lap Belt	AFG0341165								N/A, due to equipment not installed	
Shoulder Strap	AFG0178950								N/A, due to equipment not installed	

Emergency Locator Transmitter (25-61-00)

Battery Pack	452-0128								N/A, due to P/N installed	
	452-0133					Due on or before	Mar 2014			

Underwater Locator Beacon (25-63-00)

Battery pack	C362-04270-2								N/A, due to equipment not installed	
	C362-04270-1								N/A, due to equipment not installed	

Fire Extinguishing System (26-20-00)

Explosive Cartridge	30903894	0563JJ		0.0	10/1/2008	Due on or before	Sep-18	10 Y		
Explosive Cartridge	30903894	0568JJ		0.0	10/1/2008	Due on or before	Sep-18	10 Y		
Explosive Cartridge	30903896	0488JJ		0.0	10/1/2008	Due on or before	Sep-18	10 Y		
Explosive Cartridge	30903896	0471JJ		0.0	10/1/2008	Due on or before	Sep-18	10 Y		

Cockpit Voice and Flight Data Recorder (CVFDR) (31-32-00)

Battery of DK120										
Battery of ELP-362D	C362-04270-1								N/A, due to equipment not installed	
	C362-04270-2								N/A, due to equipment not installed	

Landing Gear and Entrance Step (32-10-00)

Landing Gear Aft Cross Tube	B 321 M1005 205								N/A, Double cargo hook not installed	
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NOTE [1a] - Only valid if the Double Hook for Human Ext. Cargo P/N B 851 M1067 052 or P/N B 851 M1068 051 is used. Whichever limit occurs first.

Emergency Floatation System (32-15-00)

Pressure Bottle	216 689-0								N/A, due to equipment not installed	
(Gas cylinder)	216 689-1								N/A, due to equipment not installed	

SX-16 Searchlight (33-46-01)

Gimbal	022955-21								N/A, due to equipment not installed	
	022955-22								N/A, due to equipment not installed	

Upper Decks and Tail Cone (53-31-02)

Engine Side Mount Support Assy	B 533 K3502-101	9241		0.0	10/1/2008	11400.0	10916.3	11400 Fh	96%	
Z Mount Fitting Assy	B 533 K3124-101	9241-2		0.0	10/1/2008	24800.0	24316.3	24800 Fh	98%	
	B 533 K3124-101	9241-1		0.0	10/1/2008	24800.0	24316.3	24800 Fh	98%	
	B 533 K3124-101	9241-4		0.0	10/1/2008	24800.0	24316.3	24800 Fh	98%	
	B 533 K3124-101	9241-3		0.0	10/1/2008	24800.0	24316.3	24800 Fh	98%	
Z Mount Fitting Assy	B 533 K3124-102	9241-2		0.0	10/1/2008	24800.0	24316.3	24800 Fh	98%	
	B 533 K3124-102	9241-1		0.0	10/1/2008	24800.0	24316.3	24800 Fh	98%	

SERVICE LIFE LIMITS Component	Part Number	Serial Number	Time On Part At Install	Actt At Install or Comply.	Installed Date	Overhaul / Replace Due at Actt	Time Left to OH or Replace	Part Life Limit	Hours(H) Months(m) Cycles©	% Remaining
Z Mount Fitting Assy	B 533 K3124-102	9241-4		0.0	10/1/2008	24800.0	24316.3	24800 Fh		98%
	B 533 K3124-102	9241-3		0.0	10/1/2008	24800.0	24316.3	24800 Fh		98%
Main Rotor Blades (62-10-00)										
Main Rotor Blade Assy (Y)	B 621 M1002 103	1343		0.0	1/1/2009	12000.0	11516.3	12000 Fh		96%
(G)	B 621 M1002 103	1317		0.0	1/1/2009	12000.0	11516.3	12000 Fh		96%
(B)	B 621 M1002 103	1350		0.0	1/1/2009	12000.0	11516.3	12000 Fh		96%
(R)	B 621 M1002 103	1349		0.0	1/1/2009	12000.0	11516.3	12000 Fh		96%
Main Rotor Head (62-21-00)										
Inner Sleeve	B 622 M 1009 201	05-B10940		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	B 622 M 1009 201	05-B10961		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	B 622 M 1009 201	05-B10970		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	B 622 M 1009 201	B11147		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
Rotor Star	B 622 M1001 201	B3242		0.0	12/1/2008	25200.0	24716.3	25200 Fh		98%
						0.0				
Studs	B 622 M1002 201	2670		0.0	12/1/2008	25200.0	24716.3	25200 Fh		98%
	B 622 M1002 201	2688		0.0	12/1/2008	25200.0	24716.3	25200 Fh		98%
	B 622 M1002 201	2714		0.0	12/1/2008	25200.0	24716.3	25200 Fh		98%
	B 622 M1002 201	2768		0.0	12/1/2008	25200.0	24716.3	25200 Fh		98%
	B 622 M1002 201	3871		0.0	12/1/2008	25200.0	24716.3	25200 Fh		98%
	B 622 M1002 201	3873		0.0	12/1/2008	25200.0	24716.3	25200 Fh		98%
	B 622 M1002 201	3874		0.0	12/1/2008	25200.0	24716.3	25200 Fh		98%
	B 622 M1002 201	3875		0.0	12/1/2008	25200.0	24716.3	25200 Fh		98%
	B 622 M1002 201	3877		0.0	12/1/2008	25200.0	24716.3	25200 Fh		98%
	B 622 M1002 201	3882		0.0	12/1/2008	25200.0	24716.3	25200 Fh		98%
	B 622 M1002 201	3883		0.0	12/1/2008	25200.0	24716.3	25200 Fh		98%
	B 622 M1002 201	3884		0.0	12/1/2008	25200.0	24716.3	25200 Fh		98%
Studs (oversize)	B 622 M1008 201 (105-14101.38.5)								N/A, due to P/N not installed	
Tension Torsion Straps	B 622 M10T1 001	LK10377		0.0	12/1/2008	10000.0	9391.0	10000 Flights		94%
				0.0	12/1/2008	Due on or before	Dec-18	10 Y		
	B 622 M10T1 001	LK10383		0.0	12/1/2008	10000.0	9391.0	10000 Flights		94%
				0.0	12/1/2008	Due on or before	Dec-18	10 Y		
	B 622 M10T1 001	LK10387		0.0	12/1/2008	10000.0	9391.0	10000 Flights		94%
				0.0	12/1/2008	Due on or before	Dec-18	10 Y		
	B 622 M10T1 001	LK10388		0.0	12/1/2008	10000.0	9391.0	10000 Flights		94%
				0.0	12/1/2008	Due on or before	Dec-18	10 Y		
Nut Assy	B 622 M1003 101	(Yellow)		0.0	12/1/2008	105400.0	104791.0	105400 Flights		99%
	B 622 M1003 101	(Green)		0.0	12/1/2008	105400.0	104791.0	105400 Flights		99%
	B 622 M1003 101	(Blue)		0.0	12/1/2008	105400.0	104791.0	105400 Flights		99%
	B 622 M1003 101	(Red)		0.0	12/1/2008	105400.0	104791.0	105400 Flights		99%
Quadruple Nut, Upper	B 622 M1004 201	0309		0.0	12/1/2008	73100.0	72491.0	73100 Flights		99%
Quadruple Nut, Lower	B 622 M1005 201	0360		0.0	12/1/2008	73100.0	72491.0	73100 Flights		99%
Bolt	B 622 M1006 201	1156		0.0	12/1/2008	38400.0	37791.0	38400 Flights		98%
	B 622 M1006 201	1187		0.0	12/1/2008	38400.0	37791.0	38400 Flights		98%
	B 622 M1006 201	1194		0.0	12/1/2008	38400.0	37791.0	38400 Flights		98%
	B 622 M1006 201	1213		0.0	12/1/2008	38400.0	37791.0	38400 Flights		98%
Bolt	B 622 M1007 201	1072		0.0	12/1/2008	38400.0	37791.0	38400 Flights		98%
	B 622 M1007 201	1076		0.0	12/1/2008	38400.0	37791.0	38400 Flights		98%
	B 622 M1007 201	1172		0.0	12/1/2008	38400.0	37791.0	38400 Flights		98%
	B 622 M1007 201	1205		0.0	12/1/2008	38400.0	37791.0	38400 Flights		98%
Main Bolt	B 621 M1060 201	1321		0.0	1/1/2009	12000.0	11516.3	12000 Fh	[4]	96%
	B 621 M1060 201	1349		0.0	1/1/2009	12000.0	11516.3	12000 Fh	[4]	96%
	B 621 M1060 201	1324		0.0	1/1/2009	12000.0	11516.3	12000 Fh	[4]	96%
	B 621 M1060 201	1311		0.0	1/1/2009	12000.0	11516.3	12000 Fh	[4]	96%
Hexagon Bolt	B 621 M1061 201								N/A, due to P/N not installed	

SERVICE LIFE LIMITS Component	Part Number	Serial Number	Time On Part At Install	Actt At Install or Comply.	Installed Date	Overhaul / Replace Due at Actt	Time Left to OH or Replace	Part Life Limit	Hours(H) Months(m) Cycles©	% Remaining
Safety Lever Assy	B 661 M1006 101									N/A, due to equipment not installed
<u>Swashplate (62-31-00)</u>										
Contol Ring Assy	B 623 M2001 101	2964		0.0	5/1/2008	30000.0	29516.3	30000 Fh		98%
<u>Driving Link Assy (62-33-00)</u>										
Bearing Block	B 623 M4012 101									N/A, due to P/N not installed
Bearing Block	B 623 M4012 102	0388		0.0	11/1/2008	11400.0	10916.3	11400 Fh	[5]	96%
Fitted Bolt	B 623 M4009 201	0746		0.0	11/1/2008	11400.0	10916.3	11400 Fh		96%
	B 623 M4009 201	636		0.0	11/1/2008	11400.0	10916.3	11400 Fh		96%
Fork Link Assy	B 623 M4005 101	0401		0.0	11/1/2008	11400.0	10916.3	11400 Fh		96%
Driving Link Tube Assy	B 623 M4002 101	4249		0.0	11/1/2008	11400.0	10916.3	11400 Fh		96%
<u>Input Shaft (63-11-00)</u>										
<i>Deleted</i>										
<u>Main Transmission (63-21-00)</u>										
Main Rotor Shaft	4639-305-102	3330		0.0	10/1/2008	30000.0	29516.3	30000 Fh		98%
Case Assy	B 632 K1020-101	KA-5257		0.0	10/1/2008	10000.0	9516.3	10000 Fh		95%
				0.0	10/1/2008	45000.0	44391.0	45000 Flights		99%
Flange	4639-306-061	1467		0.0	10/1/2008	4800.0	4316.3	4800 Fh	[6a]	90%
Support Assy	B 632 K1321-101	KA-3958		0.0	10/1/2008	15700.0	15216.3	15700 Fh		97%
	B 632 K1321-101	KA-3960		0.0	10/1/2008	15700.0	15216.3	15700 Fh		97%
	B 632 K1321-101	KA-3959		0.0	10/1/2008	15700.0	15216.3	15700 Fh		97%
	B 632 K1321-101	KA-3961		0.0	10/1/2008	15700.0	15216.3	15700 Fh		97%
Freewheel Clutch	4639-302-044	2605		0.0	10/1/2008	3600.0	3116.3	3600 Fh		87%
	4639-302-044	2044		0.0	10/1/2008	3600.0	3116.3	3600 Fh		87%
Hexagonal Head Screw	B 651 M003 201	4496		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	B 651 M003 201	4605		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	B 651 M003 201	4764		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
Bevel Pinion	B 632 K1215-201	KA-0872		0.0	10/1/2008	19000.0	18516.3	19000 Fh	[6b]	97%
Helical Pinion Shaft	B 632 K 1213-201	KA-0868		0.0	11/1/2008	10000.0	9516.3	10000 Fh	[6b]	95%
Bevel Gear	B 632 K1253-201	KA-5179		0.0	11/1/2008	21100.0	20616.3	21100 Fh	[6b]	98%
XMSN Fitting RH	B 632 M1003 101	566		0.0	11/1/2008	12000.0	11516.3	12000 Fh		96%
XMSN Fitting RH	B 632 M1002 101	568		0.0	11/1/2008	12000.0	11516.3	12000 Fh		96%
<u>Torque Mount (63-31-00)</u>										
Torque Mount Assy	B 633 M2003 101	0513		0.0	11/1/2008	12000.0	11516.3	12000 Fh		96%
	B 633 M2003 101	0519		0.0	11/1/2008	12000.0	11516.3	12000 Fh		96%
Fitted Bolt	B 633 M2004 201	0498		0.0	11/1/2008	12000.0	11516.3	12000 Fh		96%
	B 633 M2004 201	0527		0.0	11/1/2008	12000.0	11516.3	12000 Fh		96%
Fitted Bolt	B 633 M2005 201	0531		0.0	11/1/2008	12000.0	11516.3	12000 Fh		96%
	B 633 M2005 201	0549		0.0	11/1/2008	12000.0	11516.3	12000 Fh		96%
<u>Vertical Mount (63-33-00)</u>										
Fitting	B 633 K1172-201	0980		0.0	11/1/2008	15700.0	15216.3	15700 Fh		97%
	B 633 K1172-201	0981		0.0	11/1/2008	15700.0	15216.3	15700 Fh		97%
	B 633 K1172-201	0982		0.0	11/1/2008	15700.0	15216.3	15700 Fh		97%
	B 633 K1172-201	0987		0.0	11/1/2008	15700.0	15216.3	15700 Fh		97%

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Fitting Assy	B 633 K1170-101	0918		0.0	11/1/2008	15700.0	15216.3	15700 Fh		97%
	B 633 K1170-101	0916		0.0	11/1/2008	15700.0	15216.3	15700 Fh		97%
	B 633 K1170-101	0919		0.0	11/1/2008	15700.0	15216.3	15700 Fh		97%
	B 633 K1170-101	0917		0.0	11/1/2008	15700.0	15216.3	15700 Fh		97%
Rod Assy FWD LH/RH	B 633 K1181-101	0232		0.0	11/1/2008	15700.0	15216.3	15700 Fh		97%
	B 633 K1181-101	0158		0.0	11/1/2008	15700.0	15216.3	15700 Fh		97%
	B 633 K1181-102	0232		0.0	11/1/2008	15700.0	15216.3	15700 Fh		97%
	B 633 K1181-102	0254		0.0	11/1/2008	15700.0	15216.3	15700 Fh		97%
<u>Tail Rotor Head (64-20-00)</u>										
Laminated Pile Assy	B 642 M1005 101	0338		0.0	12/1/2008	13000.0	12391.0	13000 Flights		95%
Fitted Bolt	B 642 M1003.201	0710		0.0	11/1/2008	13000.0	12391.0	13000 Flights		95%
	B 642 M1003.201	0696		0.0	11/1/2008	13000.0	12391.0	13000 Flights		95%
Short Front Shaft	B 651 M1005 101	0957		0.0	11/1/2008	20000.0	19516.3	20000 Fh		98%
Long Shaft	B 651 M1002 101									N/A, due to P/N installed
	B 651 M1002 102	0143		0.0	11/1/2008	6000.0	5516.3	6000 Fh		92%
Short Rear Shaft	B 651 M2003 101									N/A, due to P/N installed
	B 651 M2003 102	05-0057		0.0	6/1/2008	30000.0	29516.3	30000 Fh		98%
Sheet Metal	B 651 M1006 101	0827		0.0	11/1/2008	10000.0	9516.3	10000 Fh		95%
	B 651 M1006 101	0832		0.0	11/1/2008	10000.0	9516.3	10000 Fh		95%
	B 651 M1006 101	0840		0.0	11/1/2008	10000.0	9516.3	10000 Fh		95%
Sheet Metal	B 651 M2004 101	0493		0.0	11/1/2008	5800.0	5316.3	5800 Fh		92%
	B 651 M2004 101	0494		0.0	11/1/2008	5800.0	5316.3	5800 Fh		92%
Hexagonal Head Screw	B 651 M0004 201	1723		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	B 651 M0004 201	1750		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	B 651 M0004 201	1843		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	B 651 M0004 201	1646		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	B 651 M0004 201	1688		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	B 651 M0004 201	1706		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	B 651 M003 201									N/A, due to P/N installed
Drive Adapter Assy	B 651 M1004 101	6862		0.0	11/1/2008	6000.0	5516.3	6000 Fh		92%
	B 651 M1004 101	6902		0.0	11/1/2008	6000.0	5516.3	6000 Fh		92%
	B 651 M1004 101	X0595		0.0	11/1/2008	6000.0	5516.3	6000 Fh		92%
	B 651 M1004 101	X0600		0.0	11/1/2008	6000.0	5516.3	6000 Fh		92%
	B 651 M1004 101	X0617		0.0	11/1/2008	6000.0	5516.3	6000 Fh		92%
	B 651 M1004 101	X0618		0.0	11/1/2008	6000.0	5516.3	6000 Fh		92%
Adapter	B 651 M1001 201	05-X0137		0.0	11/1/2008	6000.0	5516.3	6000 Fh		92%
<u>Intermediate Gearbox (65-21-00)</u>										
Input Shaft (Bevel Gear)	4639-310-065	1370		0.0	10/1/2008	4200.0	3716.3	4200 Fh		88%
Output Shaft (Bevel Gear Pinion)	4639-310-066	1483		0.0	10/1/2008	4200.0	3716.3	4200 Fh		88%
Hex. Head Screw	4639-310067	3188		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	4639-310067	3214		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	4639-310067	3233		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	4639-310067	3235		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	4639-310067	3242		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	4639-310067	3245		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	4639-310067	3277		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	4639-310067	3447		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%
	4639-310067	3500		0.0	11/1/2008	15000.0	14516.3	15000 Fh		97%

SERVICE LIFE LIMITS Component	Part Number	Serial Number	Time On Part At Install	Actt At Install or Comply.	Installed Date	Overhaul / Replace Due at Actt	Time Left to OH or Replace	Part Life Limit	Hours(H) Months(m) Cycles©	% Remaining
Tail Rotor Transmission (65-22-00)										
Input Shaft (Bevel Gear Shaf	4639-311-046	1445	0.0	314.1	1/14/2011	4914.1	4430.4	4600 Fh		96%
Output Shaft (Bevel Gear)	4639-311-045	1485	0.0	314.1	1/14/2011	4914.1	4430.4	4600 Fh		96%
Hex. Head Screw	4639-310067	4010	0.0	314.1	1/14/2011	15314.1	14830.4	15000 Fh		99%
	4639-310067	4060	0.0	314.1	1/14/2011	15314.1	14830.4	15000 Fh		99%
	4639-310067	4129	0.0	314.1	1/14/2011	15314.1	14830.4	15000 Fh		99%
Upper Controls (67-13-00)										
Bearing Block	B 671 M7002 201	262		0.0	11/1/2008	30000.0	29516.3	30000 Fh		98%
Bearing Block	B 671 M7002 205									N/A, due to P/N installed
Bellcrank-K Pre-Assy	B 670 M7021 101	0317		0.0	11/1/2008	30000.0	29516.3	30000 Fh		98%
Tube	B 671 M3007 201	0778		0.0	11/1/2008	6900.0	6416.3	6900 Fh	[9]	93%
	B 671 M3007 201	0744		0.0	11/1/2008	6900.0	6416.3	6900 Fh	[9]	93%
	B 671 M3007 201	0697		0.0	11/1/2008	6900.0	6416.3	6900 Fh	[9]	93%
Control Lever	B 671 M3010 101	9852		0.0	11/1/2008	30000.0	29516.3	30000 Fh		98%
	B 671 M3010 101	9919		0.0	11/1/2008	30000.0	29516.3	30000 Fh		98%
Bolt	B 671 M7033 201	0544		0.0	11/1/2008	30000.0	29516.3	30000 Fh		98%
	B 671 M7033 201	0582		0.0	11/1/2008	30000.0	29516.3	30000 Fh		98%
Control Rods (Small)	B 671 M7031 101	0225		0.0	11/1/2008	30000.0	29516.3	30000 Fh		98%
	B 671 M7032 101	0228		0.0	11/1/2008	30000.0	29516.3	30000 Fh		98%
Powerplant (71-00-00)										
For time change items of the engine, refer to Engine Maintenance Manual Turbomeca ARRIEL 1E2										
Engine Mounts (71-21-00)										
Detent	B 712 M0001 201	05-1028		0.0	11/1/2008	29400.0	28916.3	29400 Fh		98%
	B 712 M0001 201	1057		0.0	11/1/2008	29400.0	28916.3	29400 Fh		98%
	B 712 M0001 201	05-1037		0.0	11/1/2008	29400.0	28916.3	29400 Fh		98%
	B 712 M0001 201	1075		0.0	11/1/2008	29400.0	28916.3	29400 Fh		98%
Screw	B 712 M0003 201	2865		0.0	11/1/2008	1500.0	1016.3	1500 Fh		68%
	B 712 M0003 201	2904		0.0	11/1/2008	1500.0	1016.3	1500 Fh		68%
	B 712 M0003 201	2954		0.0	11/1/2008	1500.0	1016.3	1500 Fh		68%
	B 712 M0003 201	3133		0.0	11/1/2008	1500.0	1016.3	1500 Fh		68%
	B 712 M0003 201	3202		0.0	11/1/2008	1500.0	1016.3	1500 Fh		68%
	B 712 M0003 201	3276		0.0	11/1/2008	1500.0	1016.3	1500 Fh		68%
	B 712 M0003 201	3282		0.0	11/1/2008	1500.0	1016.3	1500 Fh		68%
	B 712 M0003 201	3405		0.0	11/1/2008	1500.0	1016.3	1500 Fh		68%
Bolt (lug)	B 712 M0002 201	05-0938		0.0	11/1/2008	3000.0	2516.3	3000 Fh		84%
	B 712 M0002 201	1138		0.0	11/1/2008	3000.0	2516.3	3000 Fh		84%
	B 712 M0002 201	1180		0.0	11/1/2008	3000.0	2516.3	3000 Fh		84%
	B 712 M0002 201	787		0.0	11/1/2008	3000.0	2516.3	3000 Fh		84%
Bolt	B 712 M0004 201	2717		0.0	11/1/2008	8100.0	7616.3	8100 Fh		94%
	B 712 M0004 201	2762		0.0	11/1/2008	8100.0	7616.3	8100 Fh		94%
	B 712 M0004 201	2763		0.0	11/1/2008	8100.0	7616.3	8100 Fh		94%
	B 712 M0004 201	2824		0.0	11/1/2008	8100.0	7616.3	8100 Fh		94%
	B 712 M0004 201	2827		0.0	11/1/2008	8100.0	7616.3	8100 Fh		94%
	B 712 M0004 201	2832		0.0	11/1/2008	8100.0	7616.3	8100 Fh		94%
	B 712 M0004 201	2868		0.0	11/1/2008	8100.0	7616.3	8100 Fh		94%
	B 712 M0004 201	2886		0.0	11/1/2008	8100.0	7616.3	8100 Fh		94%
	B 712 M0004 201	2893		0.0	11/1/2008	8100.0	7616.3	8100 Fh		94%
	B 712 M0004 201	2896		0.0	11/1/2008	8100.0	7616.3	8100 Fh		94%
Connecting Pin	B 712 M0006 201	1020		0.0	11/1/2008	6300.0	5816.3	6300 Fh		92%
	B 712 M0006 201	1023		0.0	11/1/2008	6300.0	5816.3	6300 Fh		92%
	B 712 M0006 201	1067		0.0	11/1/2008	6300.0	5816.3	6300 Fh		92%
	B 712 M0006 201	1100		0.0	11/1/2008	6300.0	5816.3	6300 Fh		92%

SERVICE LIFE LIMITS Component	Part Number	Serial Number	Time On Part At Install	Actt At Install or Comply.	Installed Date	Overhaul / Replace Due at Actt	Time Left to OH or Replace	Part Life Limit	Hours(H) Months(m) Cycles©	% Remaining
Rod End Bearing	117-601071.10	0741		0.0	11/1/2008	9000.0	8516.3	9000 Fh	[9b]	95%
	117-601071.10	0755		0.0	11/1/2008	9000.0	8516.3	9000 Fh	[9b]	95%
<u>Inlet Barrier Filter (71-64-00)</u>										
Filter Assy LH	B 716 M1049	101		0.0	10/20/2009	Due on or before	Oct-12	3 Y		
Filter Assy RH	B 716 M1050	101		0.0	10/20/2009	Due on or before	Oct-12	3 Y		
<u>Double Hook for Human Ext. Cargo (85-11-00)</u>										
Beam	AS22-69									N/A, due to equipment not installed
Cargo Hook Fixation	AS22-69-01-05-05									N/A, due to equipment not installed
Cargo Hook	AS21-14									N/A, due to equipment not installed
	AS21-15									N/A, due to equipment not installed
<u>External Mounted Hoist (85-12-00)</u>										
Cartridge	42315-281									N/A, due to equipment not installed
Hoist Cable	44301-351									N/A, due to equipment not installed
<u>2-5 Airworthiness Time Limits / Inspections</u>										
<u>31 - Indication System</u>										
Functionally check ON/OFF button on CAD										Inspection moved to 05-25-00
Functionally CAD dual power supply										Inspection moved to 05-25-00
Functionally VEMD dual power supply										Inspection moved to 05-25-00
Functionally check OFF button on FCDS										Inspection moved to 05-25-00
Functionally FCDS power supply										Inspection moved to 05-25-00
Functionally check power supply of flight control display modules (FCDM)										Inspection moved to 05-25-00
<u>34 - Navigation</u>										
Check power supply of stand-by horizon for sufficient battery capacity										Inspection moved to 05-25-00
<u>53 - Fuselage</u>										
Effectivity: Up to and including tailboom S/N 9134 or before SB MBB BK117 C-2-53-007										
Visually inspect vertical fin on inner and outer surface for condition										N/A, due to current s/n
	AMM 53-50-00, 6-1, Steps (7) and (8)									
<u>MSM 05-13-00, 6-1, Time Between Overhaul - Time Limits</u>										
<u>21 - Air Conditioning</u>										
Cockpit Ventilation Blower Motor		145-0174-01		0.0	2/3/2009	800.0	316.3	800 Fh		40%
Instrument Cooling Blower		145-0407-1		0.0	2/3/2009	2000.0	1516.3	2000 Fh		76%
<u>26 - Fire Protection System</u>										
Fire Extinguisher Bottle	33000061-1	52487A1		0.0	10/1/2008	Due on or before	Oct-18	10 Y		
	33000061-1	52486A1		0.0	10/1/2008	Due on or before	Oct-18	10 Y		
Portable Fire Extinguisher	HAL1-74-00	19347		0.0	8/1/2008	Due on or before	Aug-18	10 Y		
	HAL1-74-00	19439		0.0	10/1/2008	Due on or before	Oct-18	10 Y		
<u>28 - Fuel System</u>										
Cartridge of Fuel Pump (P/N D240845)	130100	741		0.0	9/14/2011	5000.0	4516.3	5000 Fh		90%
	130100	4102		0.0	10/1/2008	5000.0	4516.3	5000 Fh		90%
	130100	4100		0.0	10/1/2008	5000.0	4516.3	5000 Fh		90%
	130100	4101		0.0	10/1/2008	5000.0	4516.3	5000 Fh		90%
Engine Fuel Flow / Temperature Sensor		1/2-2-81-306								N/A, due to equipment not installed
<u>29 - Hydraulic Power System</u>										
Hydraulic Pump	40165	CB001		0.0	11/1/2008	7500.0	7016.3	7500 Fh		94%
	40165	CB004		0.0	11/1/2008	7500.0	7016.3	7500 Fh		94%
Valve Block Reservoir	L290M20A1017	01711		0.0	11/1/2008	7500.0	7016.3	7500 Fh		94%
	L290M20A1017	01712		0.0	11/1/2008	7500.0	7016.3	7500 Fh		94%

SERVICE LIFE LIMITS	Part Number	Serial	Time On	Actt	Installed	Overhaul /	Time Left	Part Life	Hours(H)
Component		Number	Part At	At Install	Date	Replace	to OH or	Limit	Months(m)
			Install	or Comply.		Due at Actt	Replace		Cycles©
									%
									Remaining

32 - Landing Gear

Floats of Emergency Floatation System

N/A, due to equipment not installed

63 - Main Rotor Drive

Main Transmission	B632K1001051	KA-0812		0.0	11/1/2008	3600.0	3116.3	3600 Fh	87%
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65 - Tail Rotor Drive

Intermediate Gearbox	4639002007	1140		0.0	11/1/2008	1500.0	1016.3	1500 Fh	68%
Tail Rotor Transmission	4639003009	1185		314.1	1/14/2011	2114.1	1630.4	1800 Fh	91%

67 - Rotor Flight Control

Main Rotor Actuator	B673M30A1002	00409		0.0	11/1/2008	7500.0	7016.3	7500 Fh	94%
Longitudinal Actuator	B673M30A1101	00409		0.0	11/1/2008	7500.0	7016.3	7500 Fh	94%
Lateral Actuator	B673M30A1301	00409		0.0	11/1/2008	7500.0	7016.3	7500 Fh	94%
Collective Actuator	B673M30A1203	00409		0.0	11/1/2008	7500.0	7016.3	7500 Fh	94%

71 - Power Plant

Engines Refer to EMM Engine Maintenance Manual (EMM) for intervals and scope of tests

Starter / Generator	23081-072	P2287		0.0	11/1/2008				
	23081-072	P2231		0.0	1/1/2009				

76 - Engine Controls

Actuator Assembly	B761M2007 101	5514							N/A, TBO deleted
	B761M2007 101	5515							N/A, TBO deleted

85 - Optional Equipment

Cargo Hook		S1609-6 / S1609-8							N/A, due to equipment not installed
Double Cargo Hook System		AS21-12 / AS21-15							N/A, due to equipment not installed
External Mounted Hoist Assembly		44301-10							N/A, due to equipment not installed

Turbomeca Arriel 1 E 2

Left Engine #1 Serial No. 47143 (calculations using Eng TT)

Engine TT # 1: 483.7

GP / N1 cycles # 1: 418.60

NP / N2 cycles # 1: 614

	Time on Part at installation	ENG TT at Compliance	Installed / Compliance Date	Compliance Due at Engtt	Time Left to Reoccurrence	ENG TT Inspection Interval	Hours(H) Months(m) Cycles©	% Remaining
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Scheduled Inspections -General

Inspection Before the First Flight of the day	05-20-10-201-801-A01	480.2	10/25/2011					Inspection Before the First Flight of the day
Inspection Between Flights	05-20-10-201-802-A01	480.2	10/25/2011					Inspection Checks Between Flights
Inspection After the Last Flight of the day	05-20-10-201-803-A01	480.2	10/25/2011					Inspection After the Last Flight of the day
Inspection at 30 Flight Hours	05-20-10-201-804-A01	480.2	10/25/2011	510.2	26.5		30 H	88%
								Inspection & Chk of the mag plug of the MO1 and MO5, Visually inspection of FT blades
Inspection at 50 Flight Hours	05-20-10-201-805-A01							N/A, Post Mod TU218 & TU235
Inspection at 100 Flight Hours	05-20-10-201-806 A01	421.0	6/20/2011	521.0	37.3		100 H	37%
								Test of the opening and closure thresholds of the bleed valve, Post Mod TU 274,281,283,284,215,259,243,251
Inspection at 150 Flight Hours	05-20-10-201-807 A01							N/A, Post Mod TU232 & TU235
Inspection at 200 Flight Hours	05-20-10-201-808 A01							N/A, Post Mod TU183
Inspection at 300 Flight Hours	05-20-10-201-809 A01	421.0	6/20/2011	721.0	237.3		300 H	79%
Inspection at 400 Flight Hours	05-20-10-201-810 A01							N/A, Due to Engine inlet barrier filter and operating environment
Inspection at 600 Flight Hours	05-20-10-201-811 A01	421.0	6/20/2011	1021.0	537.3		600 H	90%
Inspection at 1200 Flight Hours	05-20-10-201-812 A01	0.0	11/20/2008	1200.0	716.3		1200 H	60%
Inspection at 3000 Flight Hours	05-20-10-201-813 A01	0.0	11/20/2008	3000.0	2516.3		3000 H	84%
Inspection at 3600 Flight Hours	05-20-10-201-814 A01	0.0	11/20/2008	3600.0	3116.3		3600 H	87%
Oil Draining and refill	05-20-10-201-811-A01, 79-00-00-610-801	421.0	6/20/2011	1021.0	537.3		600 H	90%
							2 Y	
					Due on or before		Jun-13	
								Time on Oil 62.7

Airworthiness Limitations, Mandatory Maintenance Tasks

Inspection After the Last Flight of the day	05-10-10-200-801-A01	480.2	10/25/2011					Inspection After the Last Flight of the day
Inspection at 400 Flight Hours	05-10-10-200-801-A01							N/A, Due to Engine inlet barrier filter and operating environment

SERVICE LIFE LIMITS	Part Number	Serial	Time On	Actt	Installed	Overhaul /	Time Left	Part Life	Hours(H)
Component		Number	Part At	At Install	Date	Replace	to OH or	Limit	Months(m)
			Install	or Comply.		Due at Actt	Replace		Cycles@
									% Remaining

Turboshaft Engine Maintenance - Frequencies / TBO / Use-Limited Part

Ref. 05-10-01-200-801-A01, 05-15-00-200-801-A01, 05-15-00-801-A01 and 05-15-00-202-801-A01

<u>Engine Assembly</u>	0292005460	47143							
<u>MO1 Accessories Gearbox</u>	70BMO13110	15797	0.0	0.0	11/20/2008	*	*	On Condition	
						Due on or before	Nov-23	15 Y	
<u>MO2 Axial Compressor</u>	70BMO27300	17709	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H **	93%
						Due on or before	Nov-23	15 Y	
Axial compressor wheel	2292152910	409FRF	0.0	0.0	11/20/2008	21581.4	21581.4	22000 C1	98%
Front bearing	9609000166	15217	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H	93%
Rear bearing	9609000166	15218	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H	93%
Bearing bevel gear	9606490202	17612	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H	93%
<u>MO3 Gas Gen Module</u>	70BMO33130	22797	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H **	87%
						Due on or before	Nov-23	15 Y	
Centifugal impellar	0292254200	1478CAR	0.0	0.0	11/20/2008	13581.4	13581.4	14000 C1	97%
Injection wheel	0292254010	5442AD	0.0	0.0	11/20/2008	9581.4	9581.4	10000 C1	96%
1st-stage turbine disc	0292253240	G866AD	0.0	0.0	11/20/2008	9581.4	9581.4	10000 C1	96%
2nd-stage turbine disc	0292253250	965WY	0.0	0.0	11/20/2008	9581.4	9581.4	10000 C1	96%
2nd stage NVG hub / front	2292401800	9593PR	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H	87%
2nd stage NVG hub / rear	2500019278	9374PR	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H	87%
Rear bearing	9609000562	3323	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H	87%
1st stage turbine blades	229225A1K0	LF7	0.0	0.0	11/20/2008	6000.0	5516.3	6000 H	92%
			0.0	0.0	11/20/2008	11581.4	11581.4	12000 C1	97%
2nd stage turbine blades	029225A1J0	TR4	0.0	0.0	11/20/2008	6000.0	5516.3	6000 H	92%
			0.0	0.0	11/20/2008	9581.4	9581.4	10000 C1	96%
<u>MO4 Free Turbine</u>	70BMO43110	21660	0.0	10.4	6/23/2009	7210.4	6726.7	7200 H **	93%
						Due on or before	Jun-24	15 Y	
Free turbine disk	2292802500	ADHE182AD	0.0	24.3	6/23/2009	10024.3	9410.3	10000 C2	94%
Free turbine front bearing	9606080705	3320	0.0	10.4	6/23/2009	3610.4	3126.7	3600 H	87%
Free turbine rear bearing	9609000166	10171	0.0	10.4	6/23/2009	7210.4	6726.7	7200 H	93%
Free turbine rear bearing	9609000166	10149	0.0	10.4	6/23/2009	7210.4	6726.7	7200 H	93%
Free turbine blades	029280A1N0	FC5	0.0	10.4	6/23/2009	7210.4	6726.7	7200 H	93%
<u>MO5 F/T Reduction Gear</u>	70BM053110	21393	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H	87%
						Due on or before	Nov-23	15 Y	
Drive gear front bearing	9609000336	5773	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H	93%
Drive gear rear bearing	9609000336	5803	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H	93%
Output gear front bearing	9609000139	4394	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H	93%
Output gear rear bearing	9609000266	4596	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H	93%
Intermediate gear front bearing	9609000247	7388	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H	93%
Intermediate gear rear bearing	9609000247	7390	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H	93%
Triplex bearing	9609000631	1753	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H	93%
Equipped sleeve	0292708020	3530SET	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H	87%
Nut	0292701370	4802	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H	87%
<u>Engine Accessories</u>									
Start Drain Valve	0174078030	926		0.0	11/20/2008	Due on or before	Nov-18	10 Y	
Adjusted drain valve	0174128150	1141						On Condition	
Fuel Control Unit	0164540260	225TEC		0.0	11/20/2008	3000.0	2516.3	3000 H	84%
						Due on or before	Nov-18	10 Y	
									Time on FCU 483.7
H.E. Igniter	9550175400	8041367						On Condition	
H.E. Igniter	9550175400	8043169						On Condition	
Tachometer box	9580117110	578E	0.0		11/20/2008	Due on or before	Nov-18	10 Y	
Thermocouple box	0177887050	427MA						On Condition	
Magnetic sensor	9580115910							On Condition	
Magnetic sensor	9580115900	4506						On Condition	
Speed sensor	9550179180	1714						On Condition	
Speed sensor	9550179180	1720						On Condition	
Check valve	0210145040	3574						On Condition	
Astatic valve	0174318000	1217						On Condition	

SERVICE LIFE LIMITS	Part Number	Serial	Time On	Actt	Installed	Overhaul /	Time Left	Part Life	Hours(H)
Component		Number	Part At	At Install	Date	Replace	to OH or	Limit	Months(m)
			Install	or Comply.		Due at Actt	Replace		Cycles@
									%
									Remaining
Pressurizing valve	0174025120	6167						On Condition	
Ejector assembly	0141015020	799						On Condition	
Starting electrovalve	9550178290	9554						On Condition	
Control & monitoring harness	0301067680	381EL						On Condition	
Overspeed harness	0301057950	487LAT						On Condition	
Main filter	0167058030	1104						On Condition	
H.E. generator	9550171720							On Condition	
H.E. generator	9550171720							On Condition	
H.E. generator	9550176020	13257						On Condition	
H.E. generator	9550176020	13299						On Condition	
Oil preclogging indicator	9550177960	785						On Condition	
Injector assy	0283317500	12260MM						On Condition	
Injector assy	0283317500	12267MM						On Condition	
Pressure switch	9560137630	6141						On Condition	
Pressure switch(fuel pres. Mini)	9550162490	1092						On Condition	
Oil pump	0292105320	1870SO						On Condition	
Oil temperature probe	9550162510	1097						On Condition	
Torquemeter	9550165750	1311						On Condition	
Oil pressure transmitter	9550166110	1068						On Condition	
Exhaust duct	0292827020	801EX						On Condition	
Bleede valve	9550164740	5843						On Condition	

Turbomeca Arriel 1 E 2

Right Engine #2 Serial # 47149 (calculations using Eng TT)

Engine TT # 2: 483.7

GP / N1 cycles # 2: 409.70

NP / N2 cycles # 2: 605

	Time on Part at installation	ENG TT at Compliance	Installed / Compliance Date	Compliance Due at Engtt	Time Left to Reoccurrence	ENG TT Inspection Interval	Hours(H) Months(m) Cycles@	% Remaining
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Scheduled Inspections -General

Inspection Before the First Flight of the day	05-20-10-201-801-A01	480.2	10/25/2011				Inspection Before the First Flight of the day	
Inspection Between Flights	05-20-10-201-802-A01	480.2	10/25/2011				Inspection Checks Between Flights	
Inspection After the Last Flight of the day	05-20-10-201-803-A01	480.2	10/25/2011				Inspection After the Last Flight of the day	
Inspection at 30 Flight Hours	05-20-10-201-804-A01	480.2	10/25/2011	510.2	26.5	30 H	88%	
								Inspection & Chk of the mag plug of the MO1 and MO5, Visually inspection of FT blades
Inspection at 50 Flight Hours	05-20-10-201-805-A01						N/A, Post Mod TU218 & TU235	
Inspection at 100 Flight Hours	05-20-10-201-806 A01	421.0	6/20/2011	521.0	37.3	100 H	37%	
								Test of the opening and closure thresholds of the bleed valve, Post Mod TU 274,281,283,284,215,259,243,251
Inspection at 150 Flight Hours	05-20-10-201-807 A01						N/A, Post Mod TU232 & TU235	
Inspection at 200 Flight Hours	05-20-10-201-808 A01						N/A, Post Mod TU183	
Inspection at 300 Flight Hours	05-20-10-201-809 A01	421.0	6/20/2011	721.0	237.3	300 H	79%	
Inspection at 400 Flight Hours	05-20-10-201-810 A01						N/A, Due to Engine inlet barrier filter and operating environment	
Inspection at 600 Flight Hours	05-20-10-201-811 A01	421.0	6/20/2011	1021.0	537.3	600 H	90%	
Inspection at 1200 Flight Hours	05-20-10-201-812 A01	0.0	11/20/2008	1200.0	716.3	1200 H	60%	
Inspection at 3000 Flight Hours	05-20-10-201-813 A01	0.0	11/20/2008	3000.0	2516.3	3000 H	84%	
Inspection at 3600 Flight Hours	05-20-10-201-814 A01	0.0	11/20/2008	3600.0	3116.3	3600 H	87%	
Oil Draining and refill	05-20-10-201-811-A01, 79-00-00-610-801	421.0	6/20/2011	1021.0	537.3	600 H	90%	
					Due on or before	Jun-13	2 Y	
								Time on Oil 62.7

Airworthiness Limitations, Mandatory Maintenance Tasks

Inspection After the Last Flight of the day	05-10-10-200-801-A01	480.2	10/25/2011				Inspection After the Last Flight of the day	
Inspection at 400 Flight Hours	05-10-10-200-801-A01						N/A, Due to Engine inlet barrier filter and operating environment	

SERVICE LIFE LIMITS	Part Number	Serial	Time On	Actt	Installed	Overhaul /	Time Left	Part Life	Hours(H)
Component		Number	Part At	At Install	Date	Replace	to OH or	Limit	Months(m)
			Install	or Comply.		Due at Actt	Replace		Cycles@
									%
									Remaining

Turboshaft Engine Maintenance - Frequencies / TBO / Use-Limited Part

Ref. 05-10-01-200-801-A01, 05-15-00-200-801-A01, 05-15-00-801-A01 and 05-15-00-202-801-A01

Engine Assembly 0292005460 47149

MO1 Accessories Gearbox	70BMO13110	15803	0.0	0.0	11/20/2008	*	*	On Condition	
						Due on or before	Nov-23	15 Y	
MO2 Axial Compressor	70BMO27300	17716	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H **	93%
						Due on or before	Nov-23	15 Y	

SERVICE LIFE LIMITS Component	Part Number	Serial Number	Time On Part At Install	Actt At Install or Comply.	Installed Date	Overhaul / Replace Due at Actt	Time Left to OH or Replace	Part Life Limit	Hours(H) Months(m) Cycles©	% Remaining
<u>MO2 Axial Compressor</u>										
Axial compressor wheel	2292152910	735OTT	0.0	0.0	11/20/2008	21590.3	21590.3	22000 C1		98%
Front bearing	9609000166	15243	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H		93%
Rear bearing	9609000166	15250	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H		93%
Bearing bevel gear	9606490202	17633	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H		93%
<u>MO3 Gas Gen Module</u>										
	70BMO33130	22803	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H **		87%
						Due on or before	Nov-23	15 Y		
Centifugal impellar	0292254200	1427CAR	0.0	0.0	11/20/2008	13590.3	13590.3	14000 C1		97%
Injection wheel	0292254010	6491AD	0.0	0.0	11/20/2008	9590.3	9590.3	10000 C1		96%
1st-stage turbine disc	0292253240	G836AD	0.0	0.0	11/20/2008	9590.3	9590.3	10000 C1		96%
2nd-stage turbine disc	0292253250	955WY	0.0	0.0	11/20/2008	9590.3	9590.3	10000 C1		96%
2nd stage NVG hub / front	2292401800	9565PR	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H		87%
2nd stage NVG hub / rear	2500019278	9376PR	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H		87%
Rear bearing	9609000562	3324	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H		87%
1st stage turbine blades	229225A1K0	LH9	0.0	0.0	11/20/2008	6000.0	5516.3	6000 H		92%
			0.0	0.0	11/20/2008	11581.4	11581.4	12000 C1		97%
2nd stage turbine blades	029225A1J0	TT9	0.0	0.0	11/20/2008	6000.0	5516.3	6000 H		92%
			0.0	0.0	11/20/2008	9581.4	9581.4	10000 C1		96%
<u>MO4 Free Turbine</u>										
	70BMO43110	21757	0.0	10.4	6/22/2009	7210.4	6726.7	7200 H **		93%
						Due on or before	Jun-24	15 Y		
Free turbine disk	2292802500	G328AD	0.0	24.5	6/22/2009	9419.5	9419.5	10000 C2		94%
Free turbine front bearing	9606080705	4251	0.0	10.4	6/22/2009	3610.4	3126.7	3600 H		87%
Free turbine rear bearing	9609000166	14020	0.0	10.4	6/22/2009	7210.4	6726.7	7200 H		93%
Free turbine rear bearing	9609000166	14024	0.0	10.4	6/22/2009	7210.4	6726.7	7200 H		93%
Free turbine blades	029280A1N0	KE1	0.0	10.4	6/22/2009	7210.4	6726.7	7200 H		93%
<u>MO5 F/T Reduction Gear</u>										
	70BM053110	21399	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H		87%
						Due on or before	Nov-23	15 Y		
Drive gear front bearing	9609000336	5852	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H		93%
Drive gear rear bearing	9609000336	5853	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H		93%
Output gear front bearing	9609000139	4374	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H		93%
Output gear rear bearing	9609000266	4575	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H		93%
Intermediate gear front bearing	9609000247	7529	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H		93%
Intermediate gear rear bearing	9609000247	7531	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H		93%
Triplex bearing	9609000631	1792	0.0	0.0	11/20/2008	7200.0	6716.3	7200 H		93%
Equipped sleeve	0292708020	3537SET	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H		87%
Nut	0292701370	4820	0.0	0.0	11/20/2008	3600.0	3116.3	3600 H		87%
<u>Engine Accessories</u>										
Start Drain Valve	0174078030	946		0.0	11/20/2008	Due on or before	Nov-18	10 Y		
Adjusted drain valve	0174128150	1136					On Condition			
Fuel Control Unit	0164540260	236TEC		0.0	11/20/2008	3000.0	2516.3	3000 H		84%
						Due on or before	Nov-18	10 Y		
H.E. Igniter	9550175400	8043237					On Condition			
H.E. Igniter	9550175400	8043217					On Condition			
Tachometer box	9580117110	596EL	0.0	11/20/2008	Due on or before	Nov-18	10 Y			
Thermocouple box	0177887050	439MA					On Condition			
Magnetic sensor	9580115910						On Condition			
Magnetic sensor	9580115900	4517					On Condition			
Speed sensor	9550179180	1727					On Condition			
Speed sensor	9550179180	1738					On Condition			
Check valve	0210145040	3563					On Condition			
Astatic valve	0174318000	1221					On Condition			
Pressurizing valve	0174025120	6173					On Condition			
Ejector assembly	0141015020	805					On Condition			
Starting electrovalve	9550178290	9422					On Condition			
Control & monitoring harness	0301067680	485EL					On Condition			
Overspeed harness	0301057950	495LAT					On Condition			
Main filter	0167058030	1107					On Condition			
H.E. generator	9550171720						On Condition			
H.E. generator	9550171720						On Condition			
H.E. generator	9550176020	13329					On Condition			
H.E. generator	9550176020	13258					On Condition			

Time on FCU 483.7

SERVICE LIFE LIMITS	Part Number	Serial	Time On	Actt	Installed	Overhaul /	Time Left	Part Life	Hours(H)
Component		Number	Part At	At Install	Date	Replace	to OH or	Limit	Months(m)
			Install	or Comply.		Due at Actt	Replace		Cycles©
Oil preclogging indicator	9550177960	782							On Condition
Injector assy	0283317500	12244MM							On Condition
Injector assy	0283317500	12261MM							On Condition
Pressure switch	9560137630	6117							On Condition
Pressure switch(fuel pres. Mini)	9550162490	1119							On Condition
Oil pump	0292105320	1923SO							On Condition
Oil temperature probe	9550162510	1108							On Condition
Torquemeter	9550165750	1300							On Condition
Oil pressure transmitter	9550166110	1057							On Condition
Exhaust duct	0292827020	752EX							On Condition
Bleede valve	9550164740	5871							On Condition

Applicable Recurring Inspections, Airworthiness	ACTT at	Compliance	ReCompliance	Time Left To	Action	Hours(H)	%
Directives, Service Bulletins, & Maintenance	Compliance	Date	Due at Actt	ReCompliance	Interval	Months M Cyc C	Remaining

05-51-00, 6-1 Special Inspections after Maintenance Activity - Time Limits

34 - Navigation

Extensive modifications of helicopter
Compensate magnetometer

After completion of maintenance activity

62 - Main Rotor System

Installation of new main rotor blade or replacement of erosion protective shell
Inspect erosion protective shell (main rotor blade installed)

5 to 10 Fh
200 Fh

Debonding found in the warning area of the blade

Inspect erosion protective shell for increase in debonding, perform special tapping test

25 Fh
100 Fh

64 - Tail Rotor System

Installation of new tail rotor blade or replacement of erosion protective shell
Inspect erosion protective shell for peeling (tail rotor blade installed)

5 to 10 Fh
100 Fh

85 - Optional Equipment

Installation of Wire Strike Protection System

10 Fh

