

TIC-AW189-23-0072

CHAPTER 4: AIRWORTHINESS LIMITATION

NO 28. RL045

9M-BOE:

Edit Limitation (A/C: 9M-BOE) - AIRFRAME

Part Name:	TAIL ROTOR HUB ASSY										
Part Number:	4F6420A00331										
Serial Number:	76										
Position:											
@	Based On	Limitation Type	Finite Life	Period	Fitted@A/C Unit / Date On	TSN@Install	TSO@Install	Date Due Off	Warning	Unit	
📄	Airframe Hours	Limited Life	9200	9200	0.00	0.00	0.00		50.0		

9M-BOF:

Edit Limitation (A/C: 9M-BOF) - AIRFRAME

Part Name:	TAIL ROTOR HUB ASSY										
Part Number:	4F6420A00331										
Serial Number:	84										
Position:											
@	Based On	Limitation Type	Finite Life	Period	Fitted@A/C Unit / Date On	TSN@Install	TSO@Install	Date Due Off	Warning	Unit	
📄	Airframe Hours	Limited Life	9200	9200	0.00	0.00	0.00		50.0	Hours	

NO 46. RL065

9M-BOE:

Edit Limitation (A/C: 9M-BOE) - AIRFRAME

Part Name:	EXTERNAL HOIST CABLE ASSY
Part Number:	42325-298
Serial Number:	S99-146
Position:	Select

Edit Limitation Cancel Save

Based On:	Airframe Hoist Cycle
Type:	Limited Life (Finite Life - TSN@Install) - Current Time Used = Time Remaining
Finite Life:	1500 Cycles (Default: 1500.00)
Period:	1500 Cycles (Default: 1500.00)
Fitted@A/C Unit:	240.00 (Current: 97.00 Cycles / Time Remaining: 1403.00 Cycles)
Date On:	07 05 2021
TSN@Install:	0.00 Cycles <input checked="" type="checkbox"/> OR <input type="checkbox"/> UNK (Time Since New for component history only)
TSO@Install:	0.00 Cycles
Warning:	50.0
Unit:	Cycles
Factoring Value:	0.0000 (Default: 0.0000)
Reference:	RL065

Limitation Notes: UMC-BOE-21-046
NOTE 7: THE RETIREMENT LIFE IS INTENDED SINCE THE INITIAL INSTALLATION DATE

9M-BOF:

Edit Limitation (A/C: 9M-BOF) - AIRFRAME

Part Name:	EXTERNAL HOIST CABLE ASSY
Part Number:	42325-298
Serial Number:	S99-208
Position:	Select

Edit Limitation Cancel Save

Based On:	Airframe Hoist Cycle
Type:	Limited Life (Finite Life - TSN@Install) - Current Time Used = Time Remaining
Finite Life:	1500 Cycles (Default: 1500.00)
Period:	1500 Cycles (Default: 1500.00)
Fitted@A/C Unit:	253.00 (Current: 43.00 Cycles / Time Remaining: 1457.00 Cycles)
Date On:	09 09 2021
TSN@Install:	0.00 Cycles <input checked="" type="checkbox"/> OR <input type="checkbox"/> UNK (Time Since New for component history only)
TSO@Install:	0.00 Cycles
Warning:	100.0
Unit:	Cycles
Factoring Value:	0.0000 (Default: 0.0000)
Reference:	RL065

Limitation Notes: LAST DONE: UMC-BOF-22-037
NOTE 7: THE RETIREMENT LIFE IS INTENDED SINCE THE INITIAL INSTALLATION DATE.

CHAPTER 5: SCHEDULE AND UNSCHEDULE MAINTENANCE

E. DEFINITONS OF TERM USED IN THE AIRCRAFT MAINTENANCE PROGRAMME

1. Flying Hours (Ref: IETP 89-A-04-10-00-00A-028E-P)

Those hours accumulated from take-off to landing.

SCHEDULE MAINTENANCE TASK

NO 62-42



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WORKSHEET

CLIENT/OWNER:		SERIAL NO.	HOURS	LDG/CYCLE		WORKSHEET NO:	
AIRCRAFT TYPE: AW189		AIRCRAFT	REFER WORKPACK			WORK/INSP/DESC: AF 50 FH INSPECTION	
REGISTRATION:		#1 ENGINE:	REFER WORKPACK			WORKPACK REF:	
BASE/FACILITY:		#2 ENGINE:	REFER WORKPACK			AJL REF NO.:	
DATE IN: REFER WORKPACK				NG / N1	NF / N2	SHEET: 3 OF	
DATE OUT: REFER WORKPACK						Other requirements/information:	
Reason for raising: AF 50 FH INSPECTION TO BE CARRIED OUT IAW MAINT: JBPM.CAMO.AMP.AW189 ISSUE 2				Raised by and date:			
Item	Description	Technician	* Eng. CRS	Date			
7	<p>62-42 DETAILED INSPECTION OF MAIN ROTOR SWASHPLATE BOOT</p> <p>PERFORM A DETAILED INSPECTION OF THE MAIN ROTOR SWASHPLATE BOOT, CLAMPS AND THE THREE EXTERNAL SUPPORT RING FOR CONDITION. INSPECTION TO CHECK THE WELDED JOIN OF THE SUPPORT RINGS (AND WIRE FITTING IF APPLICABLE) FOR CORROSION AND CRACKS, AND THE SUPPORT RING / FITTING TO DIAPHRAGM BONDING AREAS FOR SEPARATION OR DAMAGE.</p> <p>REFERENCE (DMC): 89-A-62-31-04-00A-31AA-A MRBR TASK ID: 623000M-12</p> <p>NOTE 124: PERFORM THIS TASK ALSO AS A ONE OFF INSPECTION AFTER 25 FH FOLLOWING ANY INSTALLATION OF A MR SWASHPLATE BOOT P/N 3G6230V00251 KEPT IN STOCK.</p> <p>REMARK:</p>						

63-32



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WORKSHEET

CLIENT/OWNER:		SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO:		
AIRCRAFT TYPE:	AW189	AIRCRAFT	REFER WORKPACK		WORK/INSP/DESC: AF 400 FH // 1 Y		
REGISTRATION:		#1 ENGINE:	REFER WORKPACK		WORKPACK REF:		
BASE/FACILITY:		#2 ENGINE:	REFER WORKPACK		AJL REF NO.:		
DATE IN: REFER WORKPACK	OUT: REFER WORKPACK			NG / N1	NF / N2		
Reason for raising: AF 400 FH // 1 Y INSPECTION CARRIED OUT I.A.W.: EMM CT7-2E, REV. 1, 05/31/2017 IETP AW189, 14th Issue: 2018-02-02, Updated: 2018-04-24				Raised by and date:			
				Other requirements/information:			
Item	Description				Technician	* Eng. CRS	Date
14	<p>63-32 GENERAL VISUAL INSPECTION OF THE RH FWD STRUT ASSY FOR CONDITION</p> <p>PERFORM A GENERAL VISUAL INSPECTION OF THE RH FWD STRUT ASSY FOR CONDITION AND SIGN OF CHAFFING BETWEEN THE LANDING GEAR CONTROL VALVE AND THE RIGHT FWD MAIN GEARBOX STRUT.</p> <p>NOTE 126: THIS TASK CAN BE DONE AT THE SAME TIME OF 32-15</p> <p>DMC REFERENCE: 89-A-63-31-03-00A-310A-A MRBR TASK NO: 633001S-02</p> <p>REMARK:</p>						

28-01



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WORKSHEET

CLIENT/OWNER:		SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO:		
AIRCRAFT TYPE:	AW189	AIRCRAFT	REFER WORKPACK		WORK/INSP/DESC: **AF 800 FH INSPECTION		
REGISTRATION:		#1 ENGINE:	REFER WORKPACK		WORKPACK REF:		
BASE/FACILITY:		#2 ENGINE:	REFER WORKPACK		AJL REF NO.:		
DATE IN: REFER WORKPACK	OUT: REFER WORKPACK			NG / N1	NF / N2		
Reason for raising:				Raised by and date:			
				Other requirements/information:			
Item	Description				Technician	* Eng. CRS	Date
3	<p>28-01 DETAILED INSPECTION OF FUEL TANK SUMP AREAS AND BAY DRAIN OUTLETS (MAIN FUEL TANKS AND FORWARD AUXILIARY IF INSTALLED)</p> <p>PERFORM A DETAILED INSPECTION OF ALL MAIN (AND FORWARD, WHEN FITTED) FUEL TANK SUMP AREAS FOR PRESENCE OF FUEL LEAKAGE. INSPECTION TO COVER ALSO FUEL TANK DRAIN ACCESS HOLES AND FUEL BAY DRAIN OUTLET HOLES. CHECK FOR SIGNS OF FRETTING AROUND THE FUEL DRAIN VALVES AND THE AREA CLOSE TO THE STRUCTURAL TANK PANEL EDGE</p> <p>REFERENCE (DMC): 89-A-28-11-00-01A-31AA-A MRBR TASK ID: 281000M-01</p> <p>REMARK:</p>						

28-02

Affected task deleted and 800 FH // 2Y Inspection status updated to not applicable. 800 FH // 2Y Inspection consists of task 28-02 only.

Edit Limitation (A/C: 9M-BOE)

Edit Limitation (AMPI 89-A-05-21-00 - AF 800 FH // 2 Y INSPECTION) [X] Cancel [i]						
@	Based On	Period	Warning Unit	Warning	Last Done	Next Due
[i]	Not Applicable	800		50	846.03	0.00
[i]	Not Applicable	2		90	0.00	0.00

Edit Limitation (A/C: 9M-BOF)

Edit Limitation (AMPI 89-A-05-21-00 - AF 800 FH // 2 Y INSPECTION) [X] Cancel [i]						
@	Based On	Period	Warning Unit	Warning	Last Done	Next Due
[i]	Not Applicable	800		50	836.27	1636.27
[i]	Not Applicable	2		90	836.27	1636.27

25-36



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WORKSHEET

CLIENT/OWNER:		SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO:		
AIRCRAFT TYPE:	AW189	AIRCRAFT		REFER WORKPACK	WORK/INSP/DESC: **1 Y INSPECTION		
REGISTRATION:		#1 ENGINE:		REFER WORKPACK	WORKPACK REF:		
BASE/FACILITY:		#2 ENGINE:		REFER WORKPACK	AJL REF NO.:		
DATE IN: REFER WORKPACK	OUT: REFER WORKPACK			NG / N1	NF / N2		
Reason for raising: AF 1 Y INSPECTION TO BE CARRIED OUT I.A.W JBPM.CAMO.AMP.AW189 ISSUE 2				Raised by and date:	Other requirements/information:		
Item	Description				Technician	* Eng. CRS	Date

47	25-36 FUNCTIONAL CHECK (GAP MEASUREMENT) OF TROOP SEAT ENERGY ABSORBING DEVICE PERFORM A FUNCTIONAL CHECK TO MEASURE THE GAP BETWEEN THE UPPER SLED AND THE UPPER EDGE. REFERENCE (DMC): 89-A-25-20-02-00A-340A-A MRBR TASK ID: 252100M-09 REMARKS :			
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25-26



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WORKSHEET

CLIENT/OWNER:		SERIAL NO.	HOURS	LDG/CYCLE		WORKSHEET NO:		
AIRCRAFT TYPE: AW189		AIRCRAFT	REFER WORKPACK			WORK/INSP/DESC: **2 Y INSPECTION		
REGISTRATION:		#1 ENGINE:	REFER WORKPACK			WORKPACK REF:		
BASE/FACILITY:		#2 ENGINE:	REFER WORKPACK			AJL REF NO.:		
DATE IN: REFER WORKPACK OUT: REFER WORKPACK				NG / N1	NF / N2	SHEET: 11 OF		
Reason for raising: 2 Y INSPECTION TO BE CARRIED OUT I.A.W JBPM.CAMO.AMP.AW189 ISSUE 2				Raised by and date:		Other requirements/information:		
Item	Description					Technician	* Eng. CRS	Date
20	<p>25-26 DETAILED INSPECTION OF THE CABIN CEILING HOOKS</p> <p>PERFORM A DETAILED INSPECTION TO THE CEILING HOOKS. CAREFULLY EXAMINE USING, IF NECESSARY, A MIRROR AND A TORCH AND INSPECT FOR WEAR, DAMAGE, CORROSION AND CORRECT SECURITY OF ATTACHMENT TO THE AIRCRAFT STRUCTURE.</p> <p>NOTE 82: TASKS 25-26 AND 25-39 ARE THE SAME</p> <p>REFERENCES (DMC):89-C-25-68-00-00A-31AA-A MRBR TASK ID: 259100M-14</p> <p>REMARKS:</p>							

71-10



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WORKSHEET

CLIENT/OWNER:		SERIAL NO.	HOURS	LDG/CYCLE		WORKSHEET NO:		
AIRCRAFT TYPE: AW189		AIRCRAFT	REFER WORKPACK			WORK/INSP/DESC: **2 Y INSPECTION		
REGISTRATION:		#1 ENGINE:	REFER WORKPACK			WORKPACK REF:		
BASE/FACILITY:		#2 ENGINE:	REFER WORKPACK			AJL REF NO.:		
DATE IN: REFER WORKPACK OUT: REFER WORKPACK				NG / N1	NF / N2	SHEET: 27 OF		
Reason for raising: 2 Y INSPECTION TO BE CARRIED OUT I.A.W JBPM.CAMO.AMP.AW189 ISSUE 2				Raised by and date:		Other requirements/information:		
Item	Description					Technician	* Eng. CRS	Date
55	<p>71-10 DETAILED INSPECTION OF REAR ENGINES MOUNTS INBOARD / OUTBOARD (LINK AND BRACKET BEARINGS) AND CONNECTION BOLTS</p> <p>PERFORM A DETAILED INSPECTION OF THE REAR ENGINES MOUNTS I/B AND O/B LINK AND BRACKET BEARINGS (TACTILE ASSESSMENT) FOR CONDITION, SEIZURE, WEAR INCLUDING CONNECTION BOLTS.</p> <p>NOTE 29: TASK CAN (NOT MANDATORY) ALSO BE ACCOMPLISHED AT ENGINE REMOVAL DUE TO ACCESS CONVENIENCE</p> <p>REFERENCES (DMC): 89-A-71-20-00-01A-31AA-A & 89-A-71-20-00-02A-31AA-A MRBR TASK ID: 712000M-01</p> <p>REMARKS:</p>							

71-13

Task 71-13 deleted from at each engine removal inspection

INSPECTION ID: 794 Close Update Save & Close

General | Config List | Aircraft List | Task List | ATA History | Linked To | BOM | Special Tasks

Inspection Type: Airframe Inspection

Title/Subject: AT EACH ENGINE REMOVAL

Reference/Number: AMPT 89-A-05-21-00

INSPECTION ID: 794 Close Update Save & Close

General | Config List | Aircraft List | Task List | ATA History | Linked To | BOM | Special Tasks

Task#	Job#	Title	Budget/Actual	Average	Priority	
17098 ▶	-	INSPECTION AT EACH ENGINE REMOVAL	0.00	0.00	1.00	🗑️
11939 ▶	-	28-09 DETAILED INSPECTION OF THE FIRE - DETECTION SENSOR IN THE ENGINE BAY (NOTE: 36)	0.00	0.00	2.00	🗑️
11950 ▶	-	71-14 GENERAL VISUAL INSPECTION OF THE ENGINE INTAKE SEALS (NOTES 30 AND 36)	0.00	0.00	3.00	🗑️
17096 ▶	-	63-16 DETAILED INSPECTION OF LH/RH SHAFT GIMBAL ASSEMBLIES AND LH/RH INPUT SHAFT ASSEMBLIES (NOTES 36 AND 37)	0.00	0.00	4.00	🗑️
17097 ▶	-	71-10 DETAILED INSPECTION OF LH / RH ENGINE INBOARD / OUTBOARD REAR MOUNTS (LINK AND BRACKET BEARINGS) (NOTE 29)(2YRS INSPECTION TASK)	0.00	0.00	5.00	🗑️

NOTE 29 – updated at Task 71-10 in 2Y Inspection.



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WORKSHEET

CLIENT/OWNER:		SERIAL NO.	HOURS	LDG/CYCLE	WORKSHEET NO:
AIRCRAFT TYPE: AW189		AIRCRAFT	REFER WORKPACK		WORK/INSP/DESC: **2 Y INSPECTION
REGISTRATION:		#1 ENGINE:	REFER WORKPACK		WORKPACK REF:
BASE/FACILITY:		#2 ENGINE:	REFER WORKPACK		AJL REF NO.:
DATE IN: REFER WORKPACK	OUT: REFER WORKPACK			NG / N1	NF / N2
Reason for raising: 2 Y INSPECTION TO BE CARRIED OUT I.A.W JBPM.CAMO.AMP.AW189 ISSUE 2			Raised by and date:		Other requirements/information:
Item	Description	Technician	* Eng. CRS	Date	
55	<p>71-10 DETAILED INSPECTION OF REAR ENGINES MOUNTS INBOARD / OUTBOARD (LINK AND BRACKET BEARINGS) AND CONNECTION BOLTS</p> <p>PERFORM A DETAILED INSPECTION OF THE REAR ENGINES MOUNTS I/B AND O/B LINK AND BRACKET BEARINGS (TACTILE ASSESSMENT) FOR CONDITION, SEIZURE, WEAR INCLUDING CONNECTION BOLTS.</p> <p>NOTE 29: TASK CAN (NOT MANDATORY) ALSO BE ACCOMPLISHED AT ENGINE REMOVAL DUE TO ACCESS CONVENIENCE</p> <p>REFERENCES (DMC): 89-A-71-20-00-01A-31AA-A & 89-A-71-20-00-02A-31AA-A MRBR TASK ID: 712000M-01</p> <p>REMARKS:</p>				

NOTE 36 – updated at Task 26-09 in at each engine removal inspection.

Item		Description	Technician	* Eng. CRS	Date
1	INSPECTION AT EACH ENGINE REMOVAL DETAILS OF ENGINE REMOVAL ENGINE: GE CT7-2E, SERIAL NO.: _____ POSITION: _____				
2	26-09 DETAILED INSPECTION OF THE FIRE - DETECTION SENSOR IN THE ENGINE BAY (NOTE: 36) NOTE 36: TASKS 26-09, 63-16 AND 71-14 CAN BE DONE AT THE SAME TIME PERFORM A DETAILED INSPECTION OF FIRE DETECTION SENSOR FOR EVIDENCE OF DAMAGES AND CHAFFING. REFERENCES (DMC): 89-A-26-11-01-00A-31AA-A, 89-A-26-12-01-00A-31AA-A MRBR TASK ID: 261000M-03 REMARKS:				

NOTE 105 – task 26-14 already deleted in the latest IETP revision.

NOTE 126 – updated at Task 63-32 in AF 400 FH // 1Y Inspection

Item		Description	Technician	* Eng. CRS	Date
14	63-32 GENERAL VISUAL INSPECTION OF THE RH FWD STRUT ASSY FOR CONDITION PERFORM A GENERAL VISUAL INSPECTION OF THE RH FWD STRUT ASSY FOR CONDITION AND SIGN OF CHAFFING BETWEEN THE LANDING GEAR CONTROL VALVE AND THE RIGHT FWD MAIN GEARBOX STRUT. NOTE 126: THIS TASK CAN BE DONE AT THE SAME TIME OF 32-15 DMC REFERENCE: 89-A-63-31-03-00A-310A-A MRBR TASK NO: 633001S-02 REMARK:				