

LOG CARD

NOTICE: THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY



Section 1

ATA Chapter31.....

DESCRIPTION (1) MULT - PURPOSE FLIGHT RECORDER	P/N (2) 0561615-142-090	S/N (3) 007676-006	MANUFACTURER NAME (4)	ASSEMBLY/MANUFACTURING DATE (5)	RETIREMENT LIFE / TIME LIMITS (6) N/A
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE / TIME LIMITS (11)
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE / TIME LIMITS (11)

NOTES

ASSEMBLY HISTORICAL RECORD

INSTALLATION						REMOVAL						
DATE (12)	A/C		ASSY		ORGANIZATION, STAMP AND SIGNATURE (18)	DATE (19)	A/C		ASSY		REASON FOR REMOVAL (24)	ORGANIZATION, STAMP AND SIGNATURE (25)
	R. MARKS (13)	TOTAL FLIGHT HOURS (15)	TOTAL HOURS (16)	TIME SINCE OH (17)			TOTAL FLIGHT HOURS (20)	ACTUAL TOTAL HOURS (21)	TOTAL HOURS WITH PENALTY FACTOR (22)	TIME SINCE OH (23)		
		TOTAL LANDINGS (15)	TOTAL LANDINGS (16)	LANDINGS SINCE OH (17)			TOTAL LANDINGS (20)	ACTUAL TOTAL LANDINGS (21)	TOTAL LANDINGS WITH PENALTY FACTOR (22)	LANDINGS SINCE OH (23)		
		S/N (14)	TOTAL LIFTS/CYCLES (15)	TOTAL LIFTS/CYCLES (16)			LIFTS/CYCLES SINCE OH (17)	TOTAL LIFTS/CYCLES (20)	ACTUAL TOTAL LIFTS/CYCLES (21)	TOTAL LANDINGS WITH PENALTY FACTOR (22)		
11/01/22	M72-03	2653.1	UNK	NEW	GAM  							

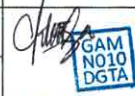
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Section 2

ATA Chapter 31

COMPONENTS INSTALLED ON ASSY

ASSY P/N (26)		D561615 - 142 - 090				ASSY S/N (27)		007676 - 006			
COMPONENT DATA			INSTALLATION				REMOVAL				
DESCRIPTION (28)	P/N (29)	MANUFACTURING DATE (31)	ASSY	COMPONENT		DATE (36)	ASSY	COMPONENT			DATE (42)
	S/N (30)	RETIREMENT LIFE / TIME LIMITS (32)	TOTAL HOURS (33)	TOTAL HOURS (34)	TIME SINCE OH (35)	STAMP AND SIGNATURE (37)	TOTAL HOURS (38)	TOTAL HOURS (39)	TOTAL HOURS WITH PENALTY FACTOR (40)	TIME SINCE OH (41)	STAMP AND SIGNATURE (43)
			TOTAL LANDINGS (33)	TOTAL LANDINGS (34)	LANDINGS SINCE OH (35)		TOTAL LANDINGS (38)	TOTAL LANDINGS (39)	TOTAL LANDINGS WITH PENALTY FACTOR (40)	LANDINGS SINCE OH (41)	
TOTAL LIFTS/CYCLES (33)	TOTAL LIFTS/CYCLES (34)	LIFTS/CYCLES SINCE OH (35)	TOTAL LIFTS/CYCLES (38)	TOTAL LIFTS/CYCLES (39)	TOTAL LIFTS/CYCLES SINCE OH (41)						
ULB BATTERY	810-2008/K	-	UNK	0-0	NEW	11/01/22					
	JM002353	JULY 2027									

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Section 3

ATA Chapter

ASSEMBLY ACTIVITY HISTORY

ASSY P/N (44)		ASSY S/N (45)			
DATE (46)	TOTAL HOURS (47)	TASKS (48)	ACTIVITIES (49)	ORGANIZATION (50)	STAMP AND SIGNATURE (51)
	TOTAL LANDINGS (47)				
	TOTAL LIFTS/CYCLES (47)				

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ATA Chapter

AIRWORTHINESS DIRECTIVES AND BULLETINS COMPLIANCE

AIRWORTHINESS DIRECTIVES AND MANDATORY BULLETINS				OPTIONAL BULLETINS					
AIRWORTHINESS DIRECTIVE/ MANDATORY BULLETIN NUMBER (54)		ASSY TOTAL HOURS (57)	ORGANIZATION (58)	STAMP AND SIGNATURE (59)	OPTIONAL BULLETIN NUMBER (59)		ASSY TOTAL HOURS (57)	ORGANIZATION (58)	STAMP AND SIGNATURE (59)
ISSUE / REVISION (55)	DATE OF COMPLIANCE (56)	ASSY TOTAL LANDINGS (57) ASSY TOTAL LIFTS/CYCLES (57)			ISSUE / REVISION (55)	DATE OF COMPLIANCE (56)	ASSY TOTAL LANDINGS (57) ASSY TOTAL LIFTS/CYCLES (57)		

Checklist Table

DB Parameter Name	Expected Value/Range/Label or Required Action	Displayed/ noted value	PGS Read Records
All the values indicated are to be considered for Helicopter on Ground with Engines OFF and with tolerance of 5% on expected value			
1.	Baro Corr Cplt	Note Displayed Value	1013 1013
2.	Baro Corr Plt	Note Displayed Value	1013 1013
3.	Coll Pitch	*	0 -0.5
4.	Coll Pitch (Trim)	Refer to Step 2	N/A
5.	Decision Height Cplt	Note Displayed Value	0 0
6.	Decision Height Plt	Note Displayed Value	0 0
7.	DME Distance 1	Note DME Displayed Value (If tuned and available) otherwise N/A	0 0
8.	DME Distance 2	Note DME Displayed Value (If tuned and available) otherwise N/A	0 0
9.	Drift Angle (FMS1)	0 (± 1deg.)	0
10.	Drift Angle (FMS2)	0 (± 1deg.)	0
11.	EEC1 DSCWD 1 bit 1	IDLE	Idle
12.	EEC1 DSCWD 1 bit 6	Not In Flight	NOT IN FLIGHT
13.	EEC2 DSCWD 1 bit 1	OFF	OFF
14.	EEC2 DSCWD 1 bit 6	Not In Flight	NOT IN FLIGHT
15.	EEC1 DSCWD 2 bit 1	Auto (Switch on the pilot collective set to AUTO)	AUTO
16.	EEC2 DSCWD 2 bit 1	Auto (Switch on the pilot collective set to AUTO)	AUTO
17.	fcs1ApAttModeC	ACTIVE	ACTIVE
18.	fcs1ApAttModeM	ACTIVE	ACTIVE
19.	fcs1ApEngagedC	NOT ENGAGED REQUEST	N.E.R
20.	fcs1ApEngagedM	NOT ENGAGED REQUEST	N.E.R
21.	fcs1ApSasModeC	NOT ACTIVE	NOT ACTIVE
22.	fcs1ApSasModeM	NOT ACTIVE	NOT ACTIVE
23.	fcs2ApAttModeC	ACTIVE	ACTIVE
24.	fcs2ApAttModeM	ACTIVE	ACTIVE
25.	fcs2ApEngagedC	NO ENGAGED REQUEST	N.E.R
26.	fcs2ApEngagedM	NO ENGAGED REQUEST	N.E.R
27.	fcs2ApSasModeC	NOT ACTIVE	NOT ACTIVE
28.	fcs2ApSasModeM	NOT ACTIVE	NOT ACTIVE
29.	Format Cplt MFD	Note Current DU Format	MFD MFD
30.	Format Cplt PFD	Note Current DU Format	PFD PFD
31.	Format Pilot MFD	Note Current DU Format	MFD MFD
32.	Format Pilot PFD	Note Current DU Format	PFD PFD
33.	FuelLeftQty1a	Note Displayed Value (recorded value could be different from displayed value in a range of ± 16 kg)	508 507
34.	FuelRightQty1b	Note Displayed Value (recorded value could be different from displayed value in a range of ± 16 kg)	500 500
35.	Glideslope Dev (MRC1)	Note Displayed Value	0 0

* Not available on helicopter MFDs, PFDs, Note recorded value

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	DB Parameter Name	Expected Value/Range/Label or Required Action	Displayed/ noted value	PGS Read Records
36.	Glideslope Dev (MRC2)	Note Displayed Value	0	0
37.	Hyd 1 Low Press	Note Status Normal/Warning		WARNING
38.	Hyd 1 Sel	Note Selection Not Selected/Selected	NISEL	NISEL
39.	Hyd 2 Low Press	Note Status Normal/Warning		WARNING
40.	Hyd 2 Sel	Note Selection (Not Selected/Selected)	NISEL	NISEL
41.	HydCaution_1&2&4 Hyd Pump	Note the displayed caution, otherwise Inactive	1-2-4 HYD PUMP	1-2-4 HYD PUMP
42.	IAS	Note displayed value	0	0
43.	IGB Oil Temp	Note Displayed Value	28	28
44.	Inner Marker Cplt	Not Displayed		NOT DISPLAYED
45.	Inner Marker Plt	Not Displayed		NOT DISPLAYED
46.	ITT1	Note Displayed Value	0	0
47.	ITT2	Note Displayed Value	0	0
48.	Lat Acc (Tri-Axial accelerometer)	Refer to Step 2		0.20
49.	Lat Cyc (TRIM)	Refer to Step 2		+42.1
50.	Latitude (FMS1)	Note Displayed Value	3°07.5	3°07.5
51.	Latitude (FMS2)	Note Displayed Value	3°07.5	3°07.5
52.	Loc Dev (MRC1)	Note Displayed Value	0	0
53.	Loc Dev (MRC2)	Note Displayed Value	0	0
54.	Long Acc (Tri-Axial accelerometer)	Refer to Step 2		-0.28
55.	Long Cyc (TRIM)	Refer to Step 2		+47.8
56.	Longitude (FMS1)	Note Displayed Value	101°33	101°33
57.	Longitude (FMS2)	Note Displayed Value	101°33	101°33
58.	Mag Heading	Note Displayed Value (±1 deg.)	143	143.5
59.	MFD Config Cplt	Note MFD CPLT configuration	NONE	NONE
60.	MFD Config Plt	Note MFD PLT configuration	MAINT	MAINT
61.	MGB Oil Press	Note Displayed Value (± 0.250BAR)	0	0
62.	MGB Oil Temp	Note Displayed Value (± 5%)	28°	28
63.	Middle Marker Cplt	Not displayed		NOT DISPLAYED
64.	Middle Marker Plt	Not displayed		NOT DISPLAYED
65.	NF1	Note Displayed Value (± 0.1%)	0	0
66.	NF2	Note Displayed Value (± 0.1%)	0	0
67.	NG1	Note Displayed Value (± 0.1%)	0	0
68.	NG2	Note Displayed Value (± 0.1%)	0	0
69.	Norm Acc (AHRS)	0 g on support (± 5%)		0
70.	Norm Acc (Tri-Axial accelerometer)	Refer to Step 2		+0.81
71.	NR1	Note Displayed Value (± 0.1%)	0	0
72.	NR2	Note Displayed Value (± 0.1%)	0	0
73.	OAT	Note Displayed Value (± 1°C)	29	29.1
74.	Outer Marker Cplt	Not displayed		NOT DISPLAYED
75.	Outer Marker Plt	Not displayed		NOT DISPLAYED
76.	Pitch Angle	Note Displayed Value (±1 deg.)	0	+0.87
77.	Press Alt1	Note Displayed Value	118	117

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	DB Parameter Name	Expected Value/Range/Label or Required Action	Displayed/ noted value	PGS Read Records
78.	Press Alt2	Note Displayed Value	118	116
79.	PTT Cplt	Note <i>Inactive</i> (PTT Released), <i>Active</i> (PTT Pressed)	INACT	INACT
80.	PTT Plt	Note <i>Inactive</i> (PTT Released), <i>Active</i> (PTT Pressed)	INACT	INACT
81.	Radar Altitude 1a	Note Displayed Value (± 1 feet)	2	2
82.	Radar Altitude 1b	Note Displayed Value (± 1 feet)	1	1
83.	Roll Angle	Note Displayed Value (± 1 deg.)	0	0
84.	Rotor Brake	OFF		OFF
85.	Sel Altitude	Note Selected Value	95	95
86.	Sel Course Cplt	Note Selected Value	360	360
87.	Sel Course Plt	Note Selected Value	360	360
88.	Sel Heading	Note Selected Value	145	145
89.	Sel Speed (FCS 1)	Not testable on ground	---	---
90.	Sel Speed (FCS 2)	Not testable on ground	---	---
91.	Sel Vert Speed (FCS 1)	Not testable on ground	---	---
92.	Sel Vert Speed (FCS 2)	Not testable on ground	---	---
93.	Tail Rotor Pedal (TRIM)	Refer to Step 2		140.1
94.	TGB Oil Temp	Note Displayed Value ($\pm 5\%$)	.30	31
95.	Time-Hour	Note the displayed Value	06	06
96.	Time-Minute	Note the displayed Value	33	33
97.	Time-Second	*	50	50
98.	TQ1	Note Displayed Value ($\pm 0.1\%$)	0	0
99.	TQ2	Note Displayed Value ($\pm 0.1\%$)	0	0
100.	Vert Speed (ADS)	Note Displayed Value (± 30 feet/min)	0	0
101.	Vert Speed Inertial (AHRS)	0		
102.	VOR/ILS-Ch NAV1	Note Tuned Freq.	114.7	114.7
103.	VOR/ILS-Ch NAV2	Note Tuned Freq.	114.7	114.7
104.	Warn-1&2EecFail	Note which is active	INACT	INACT
105.	Warn-1&2EngFire	Note which is active	INACT	INACT
106.	Warn-1&2EngIdle	Note which is active	INACT	INACT
107.	Warn-1&2EngOilPress	Note which is active	INACT	INACT
108.	Warn-1&2EngOut	Note which is active	2 ENG OUT	2 ENG OUT
109.	Warn-1-2DCGen	Note which is active	INACT	INACT
110.	Warn-AuxMainBattHot	Note which is active	INACT	INACT
111.	Warn-BagFire	Note if it's active	INACT	INACT
112.	Warn-MgbOilPress	Note if it's active	ACTIVE	ACTIVE
113.	Warn-MgbOilTemp	Note if it's active	INACT	INACT
114.	Warn-RotorHigh	Note if it's active	INACT	INACT
115.	Warn-RotorLow	Note which is active	ACTIVE	ACTIVE
116.	Wind Angle (FMS1)	0 (± 1 deg.)		0
117.	Wind Angle (FMS2)	0 (± 1 deg.)		0
118.	Wind Speed (FMS1)	0 Knots		0
119.	Wind Speed (FMS2)	0 Knots		0
120.	WOW1	Note Status ON (Hel. On GND), OFF (Hel in Flt.)	ON	ON
121.	WOW2	Note Status ON (Hel. On GND), OFF (Hel in Flt.)	ON	ON
122.	Yaw Rate	0 (± 1 deg.)		0

* Not available on helicopter MFDs, PFDs, Note recorded value

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TABLE A. Flight controls parameter

PARAMETER	POSITION	EXPECTED VALUES (NOTE)	REQUIRED VALUES	RECORDED VALUE				
<i>Lat Cyc</i> (TRIM) (deg)	Centred	50° ± 2°	49%	49.5°				
	Full Left	72° ± 2°	5%	72.6°				
	Full Right	27° ± 2°	95%	27.4°				
<i>Long Cyc</i> (TRIM) (deg)	Centered	50° ± 2°	36%	50.1°				
	Full Aft	68° ± 2°	5%	68.6°				
	Full Fwd	16° ± 2°	95%	16.8°				
<i>Tail Rotor Pedal</i> (TRIM) (deg)	Centered	45° ± 2°	50%	45.7°				
	Full Left	72° ± 2°	<table border="1"> <tr> <td>PRIMUS EPIC 4.8</td> <td>PRIMUS EPIC 5.6 OR SUBSEQUENT</td> </tr> <tr> <td>5 %</td> <td>95%</td> </tr> </table>	PRIMUS EPIC 4.8	PRIMUS EPIC 5.6 OR SUBSEQUENT	5 %	95%	71.9°
	PRIMUS EPIC 4.8	PRIMUS EPIC 5.6 OR SUBSEQUENT						
5 %	95%							
Full Right	21° ± 2°	<table border="1"> <tr> <td>PRIMUS EPIC 4.8</td> <td>PRIMUS EPIC 5.6 OR SUBSEQUENT</td> </tr> <tr> <td>90 %</td> <td>10%</td> </tr> </table>	PRIMUS EPIC 4.8	PRIMUS EPIC 5.6 OR SUBSEQUENT	90 %	10%	21.2°	
PRIMUS EPIC 4.8	PRIMUS EPIC 5.6 OR SUBSEQUENT							
90 %	10%							
<i>Collective Pitch</i> (TRIM) (% coll)	Centered	50% ± 3%	50%	49.7°				
	Full Up	95% ± 3%	95%	94.5°				
	Full Down	5% ± 3%	5%	4.8°				

NOTE: The given angular tolerance (between synoptic page displayed angle "α°" and the FDR recorded angle "β°") is calculated with this formula: $\beta = \alpha \pm \Phi$ where "Φ°" is the angular adjustment caused by

- AIOP processing and approximation
- FCS synoptic page approximation.

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