

Details	
Aircraft Reg. / Component P/N:	9M-LKE
Aircraft Type:	AS350 B3
Aircraft/Component S/N:	8297
Envision Ref:	82970000282
Prepared by:	Cristho
Requested by:	Shiamala

Type of Inspection
<input checked="" type="checkbox"/> Scheduled
<input type="checkbox"/> Defect Rectification
<input type="checkbox"/> Component
<input type="checkbox"/> Others

<input checked="" type="checkbox"/> BMR Required
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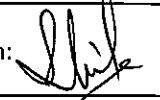
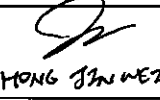
Approved Maintenance Programme <sup>4</sup>	Aircraft Maintenance Manual <sup>5</sup>	Engine Maintenance Manual <sup>6</sup>
AHM/CAM/AMP/AS350B3 Issue. 01 Rev. 03 Dated 15 Mar 2022	Rev. 24 dated 11.12.2023	Rev. 27 dated 30.12.2023



Airframe Hours (Induction) <sup>7</sup>
915:30


Work Details <sup>8</sup>
<ol style="list-style-type: none"> <li>1. 150H//3M AIRFRAME INSPECTIONS</li> <li>2. 3M AIRFRAME INSPECTIONS</li> <li>3. 50H AIRFRAME INSPECTIONS</li> <li>4. 30H AIRFRAME INSPECTIONS</li> <li>5. 25H AIR COMM AIR COND INSPECTION</li> </ol>

AD/SB <sup>9</sup>
<ol style="list-style-type: none"> <li>6. 600H//12M EASB 05.00.77 R2 AS PER ESI/AS350B3/442R1</li> <li>7. 6M ELT BATTERY CHECK VAM AD 2004-001 AS PER ESI/AS350B3/518</li> <li>8. 4M ELT SERVICEABILITY CHECK VAM AD 2004-001 AS PER ESI/AS350B3/518</li> </ol>

PNP <sup>10</sup>	LAE <sup>11</sup>
<b>Maintenance Start Date:</b> <input checked="" type="checkbox"/> Work Order Completed <input type="checkbox"/> Part used sheet attached <input checked="" type="checkbox"/> BMR issued	<b>Entry in Aircraft Journey Log no.:</b>  JL # 03295

Name & Sign: 	Date: 22/4/24	Name & Sign:  HONG JIN WEZ	Date: 22/4/2024
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<b>AIRBUS</b>		<b>BASE MAINTENANCE RELEASE</b> CAAM PART-145 APPROVAL NO: AMO/2017/15			a. BMR NO
					2024-BMR-010
b. CUSTOMER	c. AIRCRAFT TYPE	d. AIRCRAFT REGN	e. AIRCRAFT SERIAL NO	f. STATION	
Airbus Helicopters France	H125	9M-LKE	8297	SZB	
g. TOTAL AIRCRAFT F/H		h. TOTAL AIRCRAFT F/C		i. DATE COMPLETED	
915:30		1863		25/04/2024	
j. CHECK TYPE					
150H//3M AF, 3M AF, 50H AF, 30H AF, 25H AIR COMM AIR CONDITIONING, 1M AF, 25H ENGINE HEALTH CHECK INSPECTIONS, MAIN ROTOR BLADE REPAIR,					
k. WORK ORDER NUMBER					
2024 018 002, 2024 018 003, 2024 018 004, 2024 018 005					
l. EXCEPTIONS					
CERTIFIES THAT THE WORK SPECIFIED, EXCEPT AS OTHERWISE SPECIFIED WAS CARRIED OUT IN ACCORDANCE WITH CAAM PART-145 AND IN THAT RESPECT THE AIRCRAFT/AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE.					
m. SIGNATURE		n. LIC/AH STAMP		o. DATE	
		E4610 		25/4/2024	

CAMO <sup>12</sup>			
<b>Worksheet</b>			
Total pages issued	04	Total pages used	00
Total pages added	00	Total pages disposed	04
<b>Documents issued with this work order:</b>			
No.	Description	No. of pages	
1	Customer Order Sheet	01	
2	Envision WO Reference 82970000282		
3	ESI/AS350B3/442 R1	11	
4	ESI/AS350B3/518	08	
5			
6			
7			
8			
9			
10			
Aircraft Journey Log updated <input checked="" type="checkbox"/>		Remarks: _____ <i>nu</i> _____	
Name: Christopher Benjamin		Sign & Stamp: <i>Chris Benjamin</i> 	Date: 10 / 05 / 2024

<b>WORK ORDER REFERENCE</b>	<b>SUPPLIER</b>	<b>CUSTOMER</b>	<b>CUSTOMER CONTRACT REF</b>
82970000282	AIRBUS	KIHUAT TIMBER (M) SDN. BHD.	2024 018 002

<b>H/C TYPE</b>	<b>A/C SERIAL NUMBER</b>	<b>H/C REG</b>	<b>AMP / REV NO / DATE</b>
AS350B3	8297	9M-LKE	ECMP/KIHUAT/AS350B3 / 014

<b>CURRENT T.S.N.</b>	<b>LANDING</b>	<b>LOCATION</b>	<b>SAP Reference</b>
915:30	1863	SZB	2024 018 002

<b>DUPLICATE INSPECTION :</b> YES <input checked="" type="checkbox"/>	<b>ORDER CREATED ON :</b> 15/01/2024	<b>BY :</b> Benjamin C
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**TO PERFORM :**  
 660H//12M EASB 05.00.77,150H//3M,6M & 4M ELT,3M,50H,30H,25H AF Inspections

**Closed Date :** 22/04/2024.

COMPONENT EXCHANGE					
Task No.	Description	Part Number	Serial Number	PO Number	Reason for Removal
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		
			R / I		

*NOT USED*





### SUMMARY WORK ORDER SIGNOFF SHEET

CUSTOMER	A/C Registration	A/C MSN	Work Order No
KIHUAT TIMBER (M) SDN. BHD.	9M-LKE	8297	82970000282

**MI No: EASB 05.00.77 R2-CHECK (R)** **MI Title : 660H//12M-Visual inspection of the microswitches**

**Work Description :**

[This EASB corresponds to EASA AD 2023-0133]

At every 660H//12M, comply with para 3.

Refer ESI/AS350B3/442

Life	660:00AH 12M	Work Card	N/A
Work Card Task Reference			N/A

Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
<b>Task n° : LKE0001</b>  <b>AS350B3</b> <b>P/N : AS350B3</b> <b>S/N : 8297</b>	1392:48AH 31/03/2024	N/A				17/4/24	TASK CARRIED OUT FOUND SATISFACTORY

**MI No: AS350B3/28/00/00/502/000/010** **MI Title : 3M-FUEL TANK**

**Work Description :**

FUEL TANK

Tropical and damp atmosphere  
Check and maintenance.  
DI

IAW MTC 20.08.06.401

Life	3MONT	Work Card	AS350B3.20.08.06.401
Work Card Task Reference			MTC 20.08.06.401

Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
<b>Task n° : LKE0023</b>  <b>AS350-FUEL SYSTEM</b> <b>P/N : 28</b> <b>S/N : 8297</b>	10/04/2024	N/A				29/3/2024	CARRIED OUT. FOUND SATISFACTORY.

\*Certifies that the work specified, except as otherwise specified, was carried out in accordance with CAA Malaysia Requirements and in respect to that work the aircraft/aircraft component is considered ready for release to service.







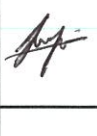











**CAAM Part-145 Approval number: AMO/2017/15**

SUMMARY WORK ORDER SIGNOFF SHEET			
CUSTOMER	A/C Registration	A/C MSN	Work Order No
KIHUAT TIMBER (M) SDN. BHD.	9M-LKE	8297	82970000282

MI No: AS350B3/62/10/00/401/000/010 MI Title : 150H//3M-BLADE PIN

**Work Description :**  
 BLADE PIN  
 Tropical and damp atmosphere  
 Greasing".  
 LUB.  
 IAW AMM 62-11-00, 3-3

<b>Life</b>	150:00AH 3MONT	<b>Work Card</b>	AS350B3.62.11.00.53-3
		<b>Work Card Task Reference</b>	AMM 62-11-00, 3-3

Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
<b>Task n° : LKE0043</b>  AS350-PIN BLADE ASSY P/N : 350A31-1771-21 S/N : M55583	1040:36AH 10/04/2024	Required				22/4/24	CARRIED OUT. SATISFACTORY. FOR INDEPENDENT INSPECTION, REFER W/O 2024 018 005 W/S ITEM 3.
<b>Task n° : LKE0044</b>  AS350-PIN BLADE ASSY P/N : 350A31-1771-21 S/N : M53937	1040:36AH 10/04/2024	Required				22/4/24	CARRIED OUT. SATISFACTORY. FOR INDEPENDENT INSPECTION, REFER W/O 2024 018 005 W/S ITEM 3.
<b>Task n° : LKE0045</b>  AS350-PIN BLADE ASSY P/N : 350A31-1771-21 S/N : M50078	1040:36AH 10/04/2024	Required				22/4/24	CARRIED OUT. SATISFACTORY. FOR INDEPENDENT INSPECTION, REFER W/O 2024 018 005 W/S ITEM 3.
<b>Task n° : LKE0046</b>  AS350-PIN BLADE ASSY P/N : 350A31-1771-21 S/N : M55932	1040:36AH 10/04/2024	Required				22/4/24	CARRIED OUT. SATISFACTORY. FOR INDEPENDENT INSPECTION, REFER W/O 2024 018 005 W/S ITEM 3.
<b>Task n° : LKE0047</b>  AS350-PIN BLADE ASSY P/N : 350A31-1771-21 S/N : M55887	1040:36AH 10/04/2024	Required				22/4/24	CARRIED OUT. SATISFACTORY. FOR INDEPENDENT INSPECTION, REFER W/O 2024 018 005 W/S ITEM 3.
<b>Task n° : LKE0048</b>  AS350-PIN BLADE ASSY P/N : 350A31-1771-21 S/N : M55957	1040:36AH 10/04/2024	Required				22/4/24	CARRIED OUT. SATISFACTORY. FOR INDEPENDENT INSPECTION, REFER W/O 2024 018 005 W/S ITEM 3.

\*Certifies that the work specified, except as otherwise specified, was carried out in accordance with CAA Malaysia Requirements and in respect to that work the aircraft/aircraft component is considered ready for release to service.  
**CAAM Part-145 Approval number: AMO/2017/15**

### SUMMARY WORK ORDER SIGNOFF SHEET

CUSTOMER	A/C Registration	A/C MSN	Work Order No
KIHUAT TIMBER (M) SDN. BHD.	9M-LKE	8297	82970000282

MI No: AS350B3/AHM INSPECTION/009

MI Title : 4M-ELT CHECK

**Work Description :**

DCA LTO NO:35

Serviceability check IAW CMM ELT installed. *AS PER ESI/AS350B3/518.*



Life	4M	Work Card	AS350B3 CMM 25.63.08
		Work Card Task Reference	CMM 25.63.08

Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
Task n° : LKE0067 AS350-EMERGENCY LOCATOR TRANSMITTER KANNAD P/N : S1854501-01 S/N : LX1102109712	11/05/2024	N/A	<i>[Signature]</i>	<i>[Signature]</i>		17/4/24	TASK CARRIED OUT FOUND SATISFACTORY

MI No: AS350B3/AHM INSPECTION/010

MI Title : 6M-ELT BATTERY CHECK

**Work Description :**

DCA LTO NO:35

Full charge battery check IAW CMM ELT installed. *AS PER ESI/AS350B3/518*



Life	6M	Work Card	AS350B3 CMM 25.63.08
		Work Card Task Reference	CMM 25.63.08

Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
Task n° : LKE0068 AS350-EMERGENCY LOCATOR TRANSMITTER KANNAD P/N : S1854501-01 S/N : LX1102109712	11/07/2024	N/A	<i>[Signature]</i>	<i>[Signature]</i>		17/4/24	TASK CARRIED OUT FOUND SATISFACTORY

MI No: VAM AD 2004-001 R0-CHECK 1 (R)

MI Title : 4M-Serviceability check of the ELT

**Work Description :**

A serviceability check of the ELT is to be carried out every 4 months.

*AS PER ESI/AS350B3/518.*



Life	4M	Work Card	N/A
		Work Card Task Reference	N/A

Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
Task n° : LKE0071 AS350B3 P/N : AS350B3 S/N : 8297	11/05/2024	N/A	<i>[Signature]</i>	<i>[Signature]</i>		17/4/24	TASK CARRIED OUT FOUND SATISFACTORY


\*Certifies that the work specified, except as otherwise specified, was carried out in accordance with CAA Malaysia Requirements and in respect to that work the aircraft/aircraft component is considered ready for release to service.

**CAAM Part-145 Approval number: AMO/2017/15**



SUMMARY WORK ORDER SIGNOFF SHEET			
CUSTOMER	A/C Registration	A/C MSN	Work Order No
KIHUAT TIMBER (M) SDN. BHD.	9M-LKE	8297	82970000282

MI No: VAM AD 2004-001 R0-CHECK 2 (R) MI Title : 6M-ELT battery check for full voltage

**Work Description :**  
The ELT battery is to be checked for full voltage, every 6 months. *AS PER ESI/AS350B3/518.* 

Life	6M	Work Card	N/A
Work Card Task Reference		N/A	

Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
Task n° : LKE0072 AS350B3 P/N : AS350B3 S/N : 8297	11/07/2024	N/A				17/4/24	TASK CARRIED OUT FOUND SATISFACTORY

MI No: AS350B3-AIRCRAFT GENERAL VERIFICATION MI Title : AIRCRAFT GENERAL VERIFICATION

**Work Description :**  
GENERAL VERIFICATION TO BE CARRIED OUT ON AIRCRAFT OR COMPONENT AS FOLLOWS:  
A) CLEAR OF ALL TOOLS, EQUIPMENT AND ANY EXTRANEIOUS PARTS OR MATERIAL, AND  
B) ALL ACCESS PANELS REMOVED HAVE BEEN DULY REFITTED.

Life	N/A	Work Card	N/A
Work Card Task Reference		N/A	

Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
Task n° : LKE0073 AS350B3 P/N : AS350B3 S/N : 8297	N/A	N/A				22/4/24	CARRIED OUT. SATISFACTORY.

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**CAAM Part-145 Approval number: AMO/2017/15**

SUMMARY WORK ORDER SIGNOFF SHEET			
CUSTOMER	A/C Registration	A/C MSN	Work Order No
KIHUAT TIMBER (M) SDN. BHD.	9M-LKE	8297	82970000282

MI No: AS350B3/62/10/00/302/000/000 MI Title : 30H-MAIN ROTOR BLADE

**Work Description :**  
 MAIN ROTOR BLADE  
 Tropical and damp atmosphere  
 Cleaning the blades.  
 CLN.  
 IAW AMM 62-11-00, 3-1

<b>Life</b>	30:00AH	<b>Work Card</b>	AS350B3.62.11.00.§3-1
		<b>Work Card Task Reference</b>	AMM 62-11-00, 3-1




Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
<b>Task n° : LKE0074</b>  <b>AS350B3-MAIN ROTOR BLADE</b> P/N : 355A11-0030-04 S/N : 44548	920:36AH	N/A				22/4/2024	CARRIED OUT. SATISFACTORY.
<b>Task n° : LKE0075</b>  <b>AS350B3-MAIN ROTOR BLADE</b> P/N : 355A11-0030-04 S/N : 44574	920:36AH	N/A				22/4/2024	CARRIED OUT. SATISFACTORY.
<b>Task n° : LKE0076</b>  <b>AS350B3-MAIN ROTOR BLADE</b> P/N : 355A11-0030-04 S/N : 44560	920:36AH	N/A				22/4/2024	CARRIED OUT. SATISFACTORY.

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**CAAM Part-145 Approval number: AMO/2017/15**

SUMMARY WORK ORDER SIGNOFF SHEET			
CUSTOMER	A/C Registration	A/C MSN	Work Order No
KIHUAT TIMBER (M) SDN. BHD.	9M-LKE	8297	82970000282




**MI No: AS350B3/62/20/00/000/000/320** **MI Title : 50H-STARFLEX STAR**

<b>Work Description :</b> P/N: 350A31-1918-00  Check. GVI  IAW AMM 05-40-00, 6-7			
<b>Life</b>	50:00AH	<b>Work Card</b>	AS350B3.05.40.00.§6-7
		<b>Work Card Task Reference</b>	AMM 05-40-00, 6-7

Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
<b>Task n° : LKE0077</b>  <b>AS350-STARFLEX STAR</b> P/N : 350A31-1918-00 S/N : M4273	925:36AH	N/A				29/3/2024	CARRIED OUT. FOUND SATISFACTORY.

**MI No: AS350B3/64/10/00/000/000/040** **MI Title : 30H-TAIL ROTOR BLADE**

<b>Work Description :</b> GVI. Check.  IAW AMM 64-10-00, 6-2			
<b>Life</b>	30:00AH	<b>Work Card</b>	AS350B3.64.10.00.§6-2
		<b>Work Card Task Reference</b>	AMM 64-10-00, 6-2

Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
<b>Task n° : LKE0078</b>  <b>AS350-TAIL ROTOR BLADE</b> P/N : 355A12-0060-04 S/N : 21936	920:36AH	N/A				29/3/2024	CARRIED OUT. FOUND SATISFACTORY.

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**CAAM Part-145 Approval number: AMO/2017/15**

SUMMARY WORK ORDER SIGNOFF SHEET			
CUSTOMER	A/C Registration	A/C MSN	Work Order No
KIHUAT TIMBER (M) SDN. BHD.	9M-LKE	8297	82970000282

**MI No: AS350B3/64/10/00/000/000/230** **MI Title: 30H-TAIL ROTOR BLADE**

**Work Description :**  
 TAIL ROTOR BLADE  
 Tropical and damp atmosphere  
 Salt-laden atmosphere  
 Cleaning.  
 CLN  
 IAW AMM 64-10-00, 3-1

<b>Life</b>	30:00AH	<b>Work Card</b>	AS350B3.64.10.00.53-1
<b>Work Card Task Reference</b>			AMM 64-10-00, 3-1

Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
<b>Task n° : LKE0079</b>  <b>AS350-TAIL ROTOR BLADE</b> P/N : 355A12-0060-04 S/N : 21936	920:36AH	N/A				29/3/2024	CARRIED OUT. FOUND SATISFACTORY.

**MI No: AS350B3/65/20/00/000/000/530** **MI Title: 50H-PITCH ROD**

**Work Description :**  
 P/N:  
 LB6-1231-3-1 (704A47137035)  
 LB6-1231-3-2 (704A47137036)  
 GVI.  
 Check elastomeric bearing  
 V AMM 65-21-00, 6-21  
 AD 2017-0020 R1

<b>Life</b>	50:00AH	<b>Work Card</b>	AS350B3.65.21.00.56-21
<b>Work Card Task Reference</b>			AMM 65-21-00, 6-21

Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
<b>Task n° : LKE0080</b>  <b>AS350-ROD PITCH CONTROL</b> P/N : LB6-1231-3-2 S/N : LK8177	925:36AH	N/A				29/3/2024	CARRIED OUT. FOUND SATISFACTORY.
<b>Task n° : LKE0081</b>  <b>AS350-ROD PITCH CONTROL</b> P/N : LB6-1231-3-2 S/N : LK8178	925:36AH	N/A				29/3/2024	CARRIED OUT. FOUND SATISFACTORY.




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**CAAM Part-145 Approval number: AMO/2017/15**

SUMMARY WORK ORDER SIGNOFF SHEET			
CUSTOMER	A/C Registration	A/C MSN	Work Order No
KIHUAT TIMBER (M) SDN. BHD.	9M-LKE	8297	82970000282


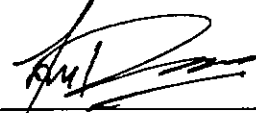
**MI No: AS350B3/CMM/AS350-200M-1/03** **MI Title : 25H-AIR COMM AS350 AIR COND SYSTEM PERIODIC INSPECTION**

**Work Description :**  
 Periodic Inspections - 25AH  
 IAW Air Conditioner Service manual AS350-200M-1 Page 9 Rev. 10


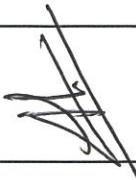

<b>Life</b>	25:00AH	<b>Work Card</b>	AS350B3 CMM AS350-200M-1
<b>Work Card Task Reference</b>			CMM CHAP3 TABLE 1

Task n°	Due at	Dup Insp	Tech Sign	Eng Sign*	Eng Stamp*	Date*	Remarks/Action Taken
<b>Task n° : LKE0082</b>  <b>AS350-AIR CONDITIONING</b> <b>P/N : AS350-200M-1</b> <b>S/N : 8297</b>	915:36AH	N/A				29/3/2024	CARRIED OUT. FOUND SATISFACTORY.


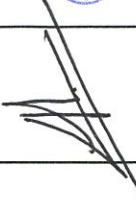


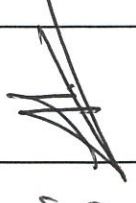

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**CAAM Part-145 Approval number: AMO/2017/15**

<b>Engineering Services Instruction</b> <i>For instructions to fill out this form, kindly refer: Form Instructions- AHM.F.CAM.017 Rev.2</i>	ATA Chapter: 76 Aircraft - Type: AS 350 B3 -						
<u>Reference(s):</u> A. EASA AD 2023-0133 R0 B. EASB AS350-05.00.77 R2	<u>Effectivity:</u> 9M-LKE (8297)						
<u>Description:</u> This ESI provides instructions to check the connectors on microswitches 53Ka, 53Kb and 65K (IDLE/FLIGHT modes) on the twist grip and to make them water-tight i.a.w. EASB AS350-05.00.77 R2 para 3 to comply with EASA AD 2023-0133 R0.							
<u>Reason:</u> Refer Reason section of ASB.							
<u>Reason for Revision:</u> Revision 1:- a. EASA AD 2023-0133 has superseded EASA AD 2017-0059. b. EASB AS350-05.00.77 has been revised to Rev. 2.							
<u>Compliance:</u> <u>Repetitive:</u> At every 660FH//12M, check the connectors on microswitches i.a.w. paragraph 3 of EASB AS350-05.00.77 R2.							
<u>Affected Department(s):</u> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 20%;">Department</th> <th>Task</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><b>CAMO</b></td> <td>- Planner to distribute this ESI together with Work Order. - Planner to update mod book.</td> </tr> <tr> <td style="text-align: center;"><b>Maintenance</b></td> <td>To perform as per ESI.</td> </tr> </tbody> </table>		Department	Task	<b>CAMO</b>	- Planner to distribute this ESI together with Work Order. - Planner to update mod book.	<b>Maintenance</b>	To perform as per ESI.
Department	Task						
<b>CAMO</b>	- Planner to distribute this ESI together with Work Order. - Planner to update mod book.						
<b>Maintenance</b>	To perform as per ESI.						
Prepared By:  <hr style="width: 100%;"/> <b>Mohamed Hasrulfariz HASHIM</b> Technical Service Engineer Date: 13 July 2023	Verified By:  <hr style="width: 100%;"/> <b>Muhammad Imran Ismail</b> CAM Manager Date: 13 July 2023						

1. General (i.a.w. EASB AS350-05.00.77 R2 para 3.A.)




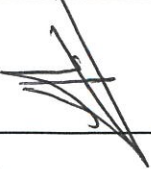




Item	Work Required	Performed By		Inspected By - (CRS*)		
		Sign	Staff No.	Sign	Auth. No.	Date
1.1	<p>Read and comply with the general instructions as per AMM Task 24-00-00, 3-1.            Carry out the check described below, on the pilot's and/or copilot's side according to the helicopter version.  <b>CAUTION: APPLY THE ROTOR BRAKE TO PREVENT ANY RISK OF STARTING.</b>  <input checked="" type="checkbox"/> Satisfactory    <input type="checkbox"/> Unsatisfactory            Remarks: -</p>		AHM 590			17/4/24

2. Removal of fairings (i.a.w. EASB AS350-05.00.77 R2 para 3.B.1.a.)

Item	Work Required	Performed By		Inspected By - (CRS*)		
		Sign	Staff No.	Sign	Auth. No.	Date
2.1	<p>Remove the forward lower fairing as per AMM Task 53-51-00, 4-2.  <input checked="" type="checkbox"/> Satisfactory    <input type="checkbox"/> Unsatisfactory            Remarks: -</p>		AHM 590			17/4/24
2.2	<p>Remove the protective cover (b).  <input checked="" type="checkbox"/> Satisfactory    <input type="checkbox"/> Unsatisfactory            Remarks: -</p>		AHM 590			17/4/24

\*Certifies that the work specified, except as otherwise specified, was carried out in accordance with CAA Malaysia Requirements and in respect to that work the aircraft/aircraft component is considered ready for release to service. (CAAM Part-145 Approval number: AMO/2017/15)




3. Visual inspection (Figure 1) (i.a.w. EASB AS350-05.00.77 R2 para 3.B.1.b.)

Item	Work Required	Performed By		Inspected By - (CRS*)		
		Sign	Staff No.	Sign	Auth. No.	Date
3.1	Inspect the wiring side of microswitches (c), (d) and (e) in order to ensure that there are no marks, residues, corrosion or flaky varnish (DETAIL A - Figure 1). <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: -		AHM 590			17/4/24
3.2	If there are marks, residues, corrosion or flaky varnish, contact AHM CAMO for further instructions. <input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: N/A - REFER ITEM 3-3	<del>/</del>				17/4/24
3.3	If there are no marks, residues, corrosion or flaky varnish, comply with paragraph 3.B.3. <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: -		AHM 590			17/4/24




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4. Insulation test (Figure 2) (i.a.w. EASB AS350-05.00.77 R2 para 3.B.3.)




Item	Work Required	Performed By		Inspected By - (CRS*)		
		Sign	Staff No.	Sign	Auth. No.	Date
4.1	If not previously disconnected, disconnect electrical connector 87DELTAP1 (a). <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: -	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24
4.2	Carry out an electrical insulation test at 50 volts using a megohmmeter (zz) connected between the housing of microswitch 53Ka and terminals A and B of connector 87DELTAP1. <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: -	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24
4.3	Carry out an electrical insulation test at 50 volts using a megohmmeter (zz) connected between the housing of microswitch 53Kb and terminals D and F of connector 87DELTAP1. <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: -	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24

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Item	Work Required	Performed By		Inspected By - (CRS*)		
		Sign	Staff No.	Sign	Auth. No.	Date
4.4	Carry out an electrical insulation test at 50 volts using a megohmmeter (zz) connected between the housing of microswitch 65K and terminals D and E of connector 87DELTA1. <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: -	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24
4.5	Interpretation of the results: If the values displayed are higher than or equal to 10MΩ, comply with paragraph 3.B.4. <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: -	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24
4.6	If the values displayed are less than 10MΩ, inform AHM CAMO for further instructions. <input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: N/A. REFER ITEM 4-5	<i>[Signature]</i>		<i>[Signature]</i>		17/4/24

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5. Checking the IDLE and FLIGHT controls on the pilot's and copilot's twist grips (Figure 2) (i.a.w. EASB AS350-05.00.77 R2 para 3.B.4.)

Item	Work Required	Performed By		Inspected By - (CRS*)		
		Sign	Staff No.	Sign	Auth. No.	Date
5.1	<p>If not previously disconnected, disconnect electrical connector 87DELTAP1 (a).</p> <p><input checked="" type="checkbox"/> Satisfactory    <input type="checkbox"/> Unsatisfactory</p> <p>Remarks: -</p>	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24
5.2	<p>Connect an ohmmeter (yy) to the terminals A and B of connector 87DELTAP1.</p> <p><input checked="" type="checkbox"/> Satisfactory    <input type="checkbox"/> Unsatisfactory</p> <p>Remarks: -</p>	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24
5.3	<p>Turn the twist grip from "IDLE" to "FLIGHT" and from "FLIGHT" to "IDLE":</p> <p>A. Check on the ohmmeter (yy) that the microswitch closes in the "IDLE" position and opens as soon as the twist grip is turned from the "IDLE" position to the "FLIGHT" position.</p> <p>B. If the check result is not correct, inform AHM CAMO for further instructions.</p> <p><input checked="" type="checkbox"/> Satisfactory    <input type="checkbox"/> Unsatisfactory</p> <p>Remarks: -</p>	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24

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Item	Work Required	Performed By		Inspected By - (CRS*)		
		Sign	Staff No.	Sign	Auth. No.	Date
5.4	Disconnect the ohmmeter (yy) and connect it to the terminals D and F of connector 87DELTA P1. <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: -	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24
5.5	Turn the twist grip from "IDLE" to "FLIGHT" and from "FLIGHT" to "IDLE": A. Check on the ohmmeter (yy) that the microswitch closes in the "IDLE" position and opens as soon as the twist grip is turned from the "IDLE" position to the "FLIGHT" position. B. If the check result is not correct, inform AHM CAMO for further instructions. <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: -	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24
5.6	Disconnect the ohmmeter (yy) and connect it to the terminals D and E of connector 87DELTA P1. <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: -	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24

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Item	Work Required	Performed By		Inspected By - (CRS*)		
		Sign	Staff No.	Sign	Auth. No.	Date
5.7	Turn the twist grip from "IDLE" to "FLIGHT" and from "FLIGHT" to "IDLE": A. Check on the ohmmeter (yy) that the microswitch is open in the "FLIGHT" position and closes as soon as the twist grip is turned from the "FLIGHT" position to the "IDLE" position. B. If the check result is not correct, inform AHM CAMO for further instructions. <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: _____ _____ _____	<i>[Signature]</i>	AHM 540	<i>[Signature]</i>		17/4/24
5.8	Disconnect the ohmmeter (yy). <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: _____ _____	<i>[Signature]</i>	AHM 540	<i>[Signature]</i>		17/4/24
5.9	Connect the electrical connector 87DELTA P1 (a). <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: _____ _____	<i>[Signature]</i>	AHM 540	<i>[Signature]</i>		17/4/24

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6. Tests (i.a.w. EASB AS350-05.00.77 R2 para 3.B.6.)

Item	Work Required	Performed By		Inspected By - (CRS*)		
		Sign	Staff No.	Sign	Auth. No.	Date
6.1	Install the protective cover (b) Figure 2. <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: _____	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24
6.2	Install the forward lower fairing as per AMM Task 53-51-00, 4-2. <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: _____	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24
6.3	Conduct the operational tests and indicating tests of the twist grip as per AMM Task 76-12-04, 5-1 or Task 76-12-04,5-1A. <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory Remarks: _____	<i>[Signature]</i>	AHM 590	<i>[Signature]</i>		17/4/24

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## Appendix

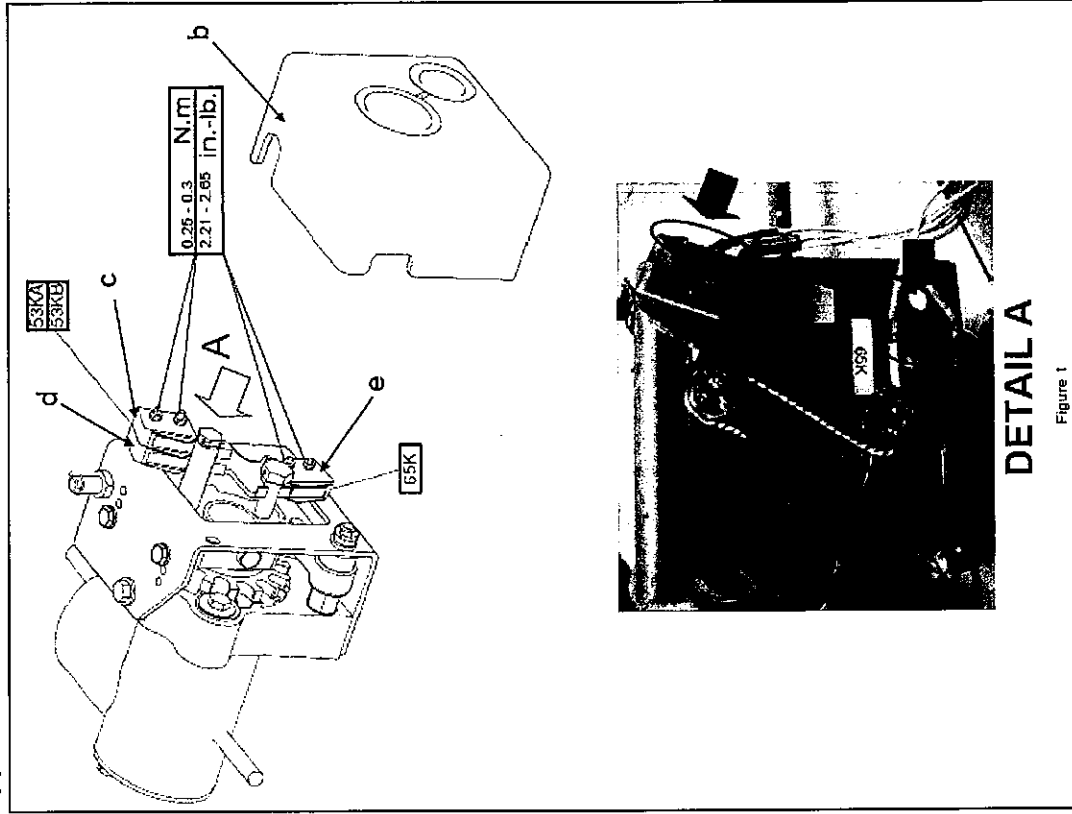


Figure 1

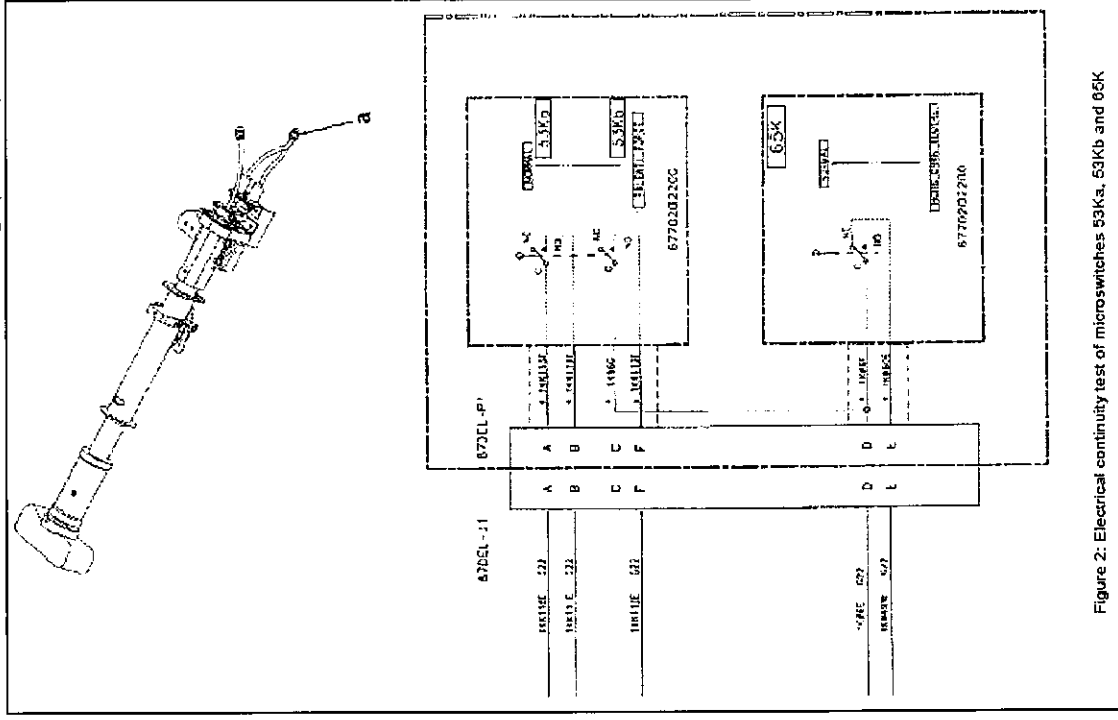


Figure 2: Electrical continuity test of microswitches 53Ka, 53Kb and 65K

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## MATERIAL INFORMATION

Consumables to be ordered separately:

Refer to the Work Cards and Tasks specified in this ALERT SERVICE BULLETIN and the list below:

Material P/N	Qty	Item	Designation	Former Part Number	Instruction
E0718-00-30	A/R	10	Transparent heat shrink sheath		
E0718-02-30	A/R	11	Transparent heat shrink sheath		
ECS2228.10	A/R	12	Vermelec 43022 varnish or equivalent		



You can order the consumables from the AirbusWorld Marketplace through e-ordering (IN No. 3481-1-00).  
If you cannot get access to e-ordering, please contact your Logistic Focal Point.

Special tools:

Designation	Qty	Part Number	Item
Megohmmeter	1	Off the shelf	ZZ
Ohmmeter	1	Off the shelf	yy

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<b>Engineering Services Instruction</b>		No. Of Pages : 8									
1. AIRCRAFT /ENGINE /EQUIPMENT TYPE: AS 350 B3	2. ATA CHAPTER: 25 3. EFFECTIVITY: 9M-CDK (0184), 9M-LKE (8297)										
4. DESCRIPTION: This ESI provides instructions to perform serviceability check of the ELT and voltage check of the ELT battery i.a.w. Orolia Service Letter SL S18XX501-25-01 Rev.1 to comply with CAAM VAM AD 2004-001 R0.											
5. REFERENCES / SOURCE DOC: A. CAAM VAM AD 2004-001 R0 B. Orolia Service Letter SL S18XX501-25-01 Rev.1											
6. REASON: CAAM issued CAD 8501 which requires compliance with VAM AD 2004-001 R0 (ELT serviceability check and ELT battery full voltage check).											
7. REASON FOR REVISION: Initial Issue											
8. COMPLIANCE: <u>Repetitive:</u> 1) At every 4 months, perform serviceability check of the ELT i.a.w. Orolia Service Letter SL S18XX501-25-01 Rev.1. 2) At every 6 months, perform voltage check of the ELT battery i.a.w. Orolia Service Letter SL S18XX501-25-01 Rev.1.											
9. AFFECTED DEPARTMENT <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 10%;">No.</th> <th style="width: 40%;">Department</th> <th style="width: 50%;">Task</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>CAMO</td> <td>Planning to schedule this ESI accordingly.</td> </tr> <tr> <td>2.</td> <td>Maintenance</td> <td>To perform this ESI in timely manner.</td> </tr> </tbody> </table> <p style="text-align: right; margin-top: 5px;">Note: Please refer to continuation sheet (if applicable)</p>			No.	Department	Task	1.	CAMO	Planning to schedule this ESI accordingly.	2.	Maintenance	To perform this ESI in timely manner.
No.	Department	Task									
1.	CAMO	Planning to schedule this ESI accordingly.									
2.	Maintenance	To perform this ESI in timely manner.									
PREPARED BY:  X  <hr style="width: 200px; margin-left: 0;"/> TECHNICAL SERVICE ENGINEER  MOHAMED HASRULFARIZ HASHIM DATE: 26 APRIL 2022	VERIFIED BY:  X  <hr style="width: 200px; margin-left: 0;"/> CAM MANAGER  MUHAMMAD IMRAN ISMAIL DATE: 26 APRIL 2022										

\* The work recorded above has been carried out in accordance with the requirements of the \*\* Malaysian Civil Aviation Regulation / FAA Regulations / \_\_\_\_\_ for the time being in force and in that respect the aircraft / equipment is considered fit for Release to Service.  
 \*\* Delete as required.

**CAAM APPROVAL NUMBER:**  
**AMO/2017/15**

1. Proper Installation (i.a.w Orolia Service Letter SL S18XX501-25-01 Rev.1 para 5.A.)

Item	Work Required	Performed By		Inspected By - CRS*		
		Sign	Staff. No	Sign	Auth. No.	Date
1.1	Remove the ELT from its mounting bracket.  Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/> Remarks: _____		AHM 590			17/4/24
1.2	Inspect the mounting bracket and the ELT: ensure the mounting bracket and the ELT are free of cracks or other obvious damage.  Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/> Remarks: _____		AHM 590			17/4/24
1.3	Check that the strap does not show traces of wear and tear due to ageing.  Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/> Remarks: _____		AHM 590			17/4/24
1.4	Inspect the connectors, cables and antennas (external and auxiliary): visually inspect all pins of connector.  Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/> Remarks: _____		AHM 590			17/4/24

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\*\* Delete as required.

CAAM APPROVAL NUMBER:  
AMC/2017/15



ENGINEERING SERVICES INSTRUCTION  
ESI/AS350B3/518

AIRCRAFT REGISTRATION: 9M-LKE ; S/N : 8297

Item	Work Required	Performed By		Inspected By - CRS*	
		Sign	Staff. No	Sign	Auth. No. Date
1.5	<p>Do a visual check of the locking latches of the ON/OFF/ARM switch: make sure that the 4 locking latches are not damaged as described in Figure 2.</p> <p>Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/></p> <p>Remarks: _____</p>	<i>[Signature]</i>	ATTM 590	<i>[Signature]</i>	  17/4/2024

\* The work recorded above has been carried out in accordance with the requirements of the \*\* Malaysian Civil Aviation Regulation / FAA-Regulations / \_\_\_\_\_ for the time being in force and in that respect the aircraft / equipment is considered fit for Release to Service.  
 \*\* Delete as required.

CAAM APPROVAL NUMBER:  
AMO/2017/15

2. Battery voltage measurement (i.a.w Orolia Service Letter SL S18XX501-25-01 Rev.1 para 5.B.(1))

Item	Work Required	Performed By		Inspected By - CRS*		
		Sign	Staff. No	Sign	Auth. No.	Date
2.1	Connect a 50 Ohm load to the ANT receptacle.  Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/> Remarks: _____		AHM 590			17/4/24
2.2	Connect the digital voltmeter with max./min. recording between contacts G (RCP COMMON) and A (RCP RESET) of DIN-12 connector. (Refer Figure 3).  Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/> Remarks: _____		AHM 590			17/4/24
2.3	Perform a self-test on the ELT (switch to ARM).  Satisfactory <input type="checkbox"/> Unsatisfactory <input checked="" type="checkbox"/> Remarks: _____		AHM 590			17/4/24
2.4	Measure the battery voltage with digital voltmeter and check the voltage during the 406 MHz transmission.  Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/> Remarks: _____		AHM 590			17/4/24

\* The work recorded above has been carried out in accordance with the requirements of the \*\* Malaysian Civil Aviation Regulation / FAA-Regulations / \_\_\_\_\_ for the time being in force and in that respect the aircraft / equipment is considered fit for Release to Service.

\*\* Delete as required.

CAAM APPROVAL NUMBER:  
A180201715

Item	Work Required	Performed By		Inspected By - CRS*		
		Sign	Staff. No	Sign	Auth. No.	Date
2.5	<p>Record the minimum voltage: the measured voltage must be more than 5.1 VDC</p> <p><i>NOTE: The minimum voltage must be recorded during the 406 MHz transmission (duration 440ms for COMPACT ELTs or 520ms for INTEGRA ELTs). If the MIN HOLD feature of the voltmeter is activated before the switch to ARM, the voltmeter will record ~0V as minimum voltage. The MIN HOLD must be activated right after the ELT has been switched to ARM.</i></p> <p>Measured Voltage: <u>6.5</u> VDC</p> <p>Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/></p> <p>Remarks: _____</p>		ARM 590			17/4/24
2.6	<p>Return to the OFF position.</p> <p>Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/></p> <p>Remarks: _____</p>		ARM 590			17/4/24

\* The work recorded above has been carried out in accordance with the requirements of the \*\* Malaysian Civil Aviation Regulation / FAA Regulations / \_\_\_\_\_ for the time being in force and in that respect the aircraft / equipment is considered fit for Release to Service.

\*\* Delete as required.

CAAM APPROVAL NUMBER:  
AM0201715

3. Operation of controls for automatic ELTs with RCP (i.a.w Orolia Service Letter SL S18XX501-25-01 Rev.1 para 5.C.(2))

Item	Work Required	Performed By		Inspected By - CRS*		
		Sign	Staff. No	Sign	Auth. No.	Date
3.1	Re-install the ELT onto its mounting bracket.  Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/> Remarks: _____		AHM 590			17/4/24
3.2	Connect the outside antenna and RCP to the ELT.  Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/> Remarks: _____		AHM 590			17/4/24
3.3	Perform RCP operational tests: Refer to Figure 4: Operation of Controls with RCP.  Satisfactory <input checked="" type="checkbox"/> Unsatisfactory <input type="checkbox"/> Remarks: _____		AHM 590			17/4/24

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\*\* Delete as required.

CAAM APPROVAL NUMBER:  
AMO/2017/15

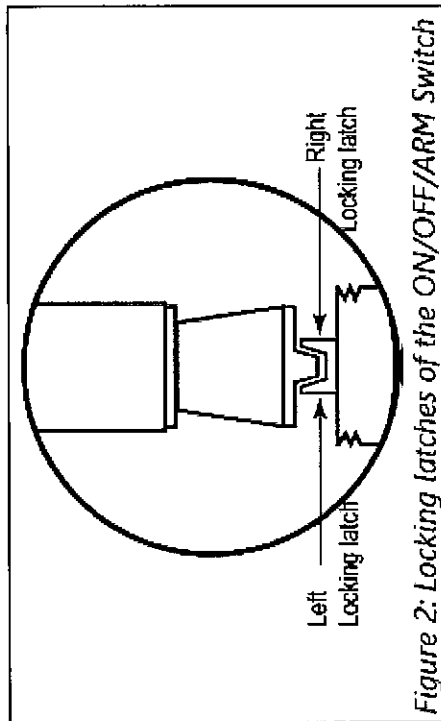


Figure 2: Locking latches of the ON/OFF/ARM Switch

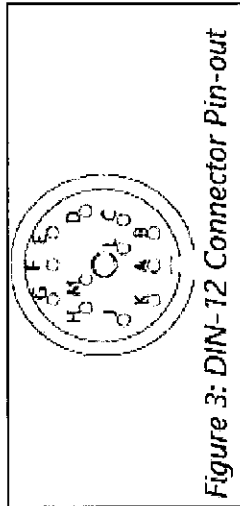


Figure 3: DIN-12 Connector Pin-out

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\*\* Delete as required.

CAAM APPROVAL NUMBER:  
AMC/2017/15

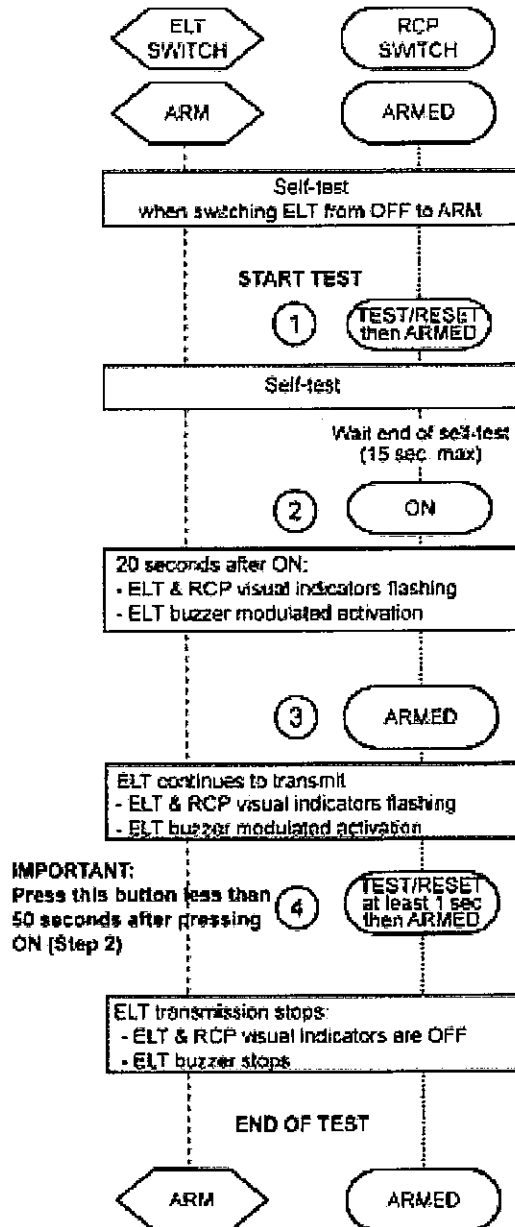


Figure 4: Operation of Controls with RC

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\*\* Delete as required.