

DELIVERY NOTE WP

DELIVER TO :

GALAXY AEROSPACE (M) SDN. BHD.
 CAMO DEPARTMENT
 Lot 11, MRO Centre,
 Malaysia International Aerospace Centre,
 Sultan Abdul Aziz Shah Airport,
 47200 Subang, Selangor
 Malaysia.
 Attn : Zaty Nadhira binti Mohamed Zuhari


DN NUMBER : GAM/DN/21/PMB-083

OUR REFERENCE : 9M-PMB-6094

WO REFERENCE : 2021-6094

DATE COMPLETION: 10 MARCH 2021

AJL NUMBER : 02987

A/C DETAILS							
A/C TYPE	AW139	A/C REG	9M-PMB	A/C S/N	31726		
OWNER / OPERATOR	ROYAL MALAYSIA POLICE	A/C TOTAL TIME	1646:05	LANDINGS	3039		
ENGINE #1 S/N	PCE-KB1830	T.S.N	1646:05	T.S.O	-		
ENGINE #2 S/N	PCE-KB1832	T.S.N	1646:05	T.S.O	-		
LIST OF TASK PERFORMED	WP NUMBER	NUMBER OF PAGES					
		*WS	*PR	*ARC	*S	*SBC	*OTH
ELT REPLACEMENT	001	1	1	2	1	-	3
ELT PROGRAMMING	002	1	1	-	-	-	7
*THIS IS TO CERTIFY THAT TASKS LISTED ABOVE HAS BEEN ACCOMPLISHED AS PER PO/WORK ORDER/SERVICE ORDER NO. AS ABOVE.							
NAME	NUR AMIRAH ATHIRAH BINTI ABDUL ROPAL	SIGNATURE		DATE	12 MAY 2021		
VERIFIED AND ACCEPTED BY				MOHD NOR AZLIZAN BIN NORDIN Planning Executive Galaxy Aerospace (M) Sdn Bhd (1040262-D)			
DATE				12 MAY 2021			

- *WS – WORKSHEET
- *PR – PART REPORT
- *ARC – AUTHORISED RELEASE CERTIFICATE
- *S – SERVICEABLE LABEL
- *SBC – SERVICE BULLETIN COMPLIANCE
- *OTH – OTHERS



WORK ORDER



To: GALAXY AEROSPACE (M) SDN. BHD.

Address: Lot 11-14, MRO Centre, Malaysia
International Aerospace Centre, SAAS Airport,
Subang
Malaysia

Attention: Mr. Syafrul Yamani
Engineering Manager
syafrul@galaxyaerospace.my

Work Order Number: 2021-6094

Work Pack Reference: 9M-PMB-6094

Date Issued: 05/03/2021

A/C Registration / SN: 9M-PMB/31726

Sheet: 1 of 1

Description:

Item	Description/Task/Inspection	Reference	Man Hours
1	ELT REPLACEMENT	39-A-25-61-02-00A-520A-K, 39-A-25-61-02-00A-720A-K	<u>1.0</u> (PLEASE ADVISE)
2	ELT PROGRAMMING	IETP AW139, 38TH ISSUE: 2020-12-07 UPDATED: 2021-01-26	<u>1.0</u> (PLEASE ADVISE)

Remark/Notes:

1. State this Work Order reference on your Work Package. Should there is any additional job/defect (unless specified in the work package) the maintenance organization must notify GAM Continuing Airworthiness Manager prior to proceed with rectification.
2. Work must be carried out in accordance with approved data and perform by qualified personnel/ approved LAE from the maintenance organization.
3. Parts used must be written in Parts Report Form and accompanied by ARC, Serviceable Label or equivalent document.
4. Test report, parameter reading or any supporting data must be attached with the worksheet if applicable.
5. The maintenance organization shall be responsible for any damages made on the aircraft/ components during maintenance.
6. Softcopy of completed Work Package shall be submitted or as mutual agreed and GAM Continuing Airworthiness Manager must be informed once the aircraft is Release to Service.
7. Completed Work Package (original) must be submitted to GAM Continuing Airworthiness Manager office within 3 days of date of completion.

I hereby declare that an approved and up to date maintenance data has been referred for the issuance of this work order.

Thank you.
Best Regards,

Zaty Nadhira Mohamed Zuhari
Continuing Airworthiness Management Manager
Email: zaty@galaxyaerospace.my



CLIENT/OWNER: ROYAL MALAYSIA POLICE AIRCRAFT TYPE: AW139 REGISTRATION: 9M-PMB BASE/FACILITY: WMSA DATE IN: 10/3/21 OUT: 10/3/21	SERIAL NO.	HOURS	LDG/CYCLE		WORKSHEET NO:	6094-001	
	AIRCRAFT	31726	1646:05	3037	WORK/INSP/DESC:	ELT REPLACEMENT	
	#1 ENGINE:	PCE-KB1830	1646:05	N/A	N/A	WORKPACK REF:	9M-PMB-6094
	#2 ENGINE:	PCE-KB1832	1646:05	N/A	N/A	LBE REF NO.:	NOT APPLICABLE
			NG / N1	NF / N2	SHEET:	1 OF 1	

Reason for raising:
 ELT REPLACEMENT TO BE CARRY OUT FOR TERMINATING ACTION REPETITIVE EASA AD NO 2019-0235 (ACR SB1000 REV. D) TO BE CARRY OUT IN ACCORDANCE WITH IETP AW139, 38TH ISSUE: 2020-12-07
 UPDATED: 2021-01-26

Raised by and date:
 Ahmad Khalis Halimi
 05/03/2021

Other requirements/information:
 NIL

Item	Part No	Description	Serial Number		Qty	Position	Reason	Lifed Item Information TSN/TSO/DUE/TIMEX	Release Reference
			Off	On					
1	453-5001 (366)	ARTEX ELT C406-2HM ASSEMBLY	-	210-12338	1	TAILBOOM	SB COMPLIANCE	-	E00624-21-2160
2	453-5001- (247)	ARTEX ELT C406-2HM ASSEMBLY	210-07227	-	1	TAILBOOM	SB COMPLIANCE	-	-
3	452-0133	ELT BATTERY PACK	367204-020	395997-034	1	TAILBOOM	SB COMPLIANCE	-	E00624-21-2160
/									

NAME	FIRM	SIGN & APPROVAL	DATE
FAHMI	GAM AMC		10/3/2021

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

*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

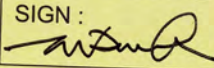

TICK ✓ WHERE APPLICABLE

PREPARED BY	CHECKED BY	DATE	TIME	STATUS	REVISION	APPROVED BY	DATE	TIME	STATUS	REVISION	APPROVED BY	DATE	TIME	STATUS	REVISION
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SERVICEABLE



AW129 PAV 9M-PMB

DESCRIPTION : ELT TRANSMITTER AND BATTERY.		QTY: 1 EA.
PART NO. :	453-5001	
SERIAL NO. :	210-12338	
STATUS: O VH/REPAIR/MOD/CAL/TEST/NEW/COMSUMABLE/GSE		
TSN : 0:00	TSO : —	
SHELF DUE / EXP DATE : JUN: 2025.		
INSPECTED BY : MUKAIRAMAH.		GIN / REF :
SIGN : 		DATE : 03 FEB 2021
		900624 21-2160.

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2. <h1 style="margin: 0;">AUTHORIZED RELEASE CERTIFICATE</h1> <p style="margin: 0;">FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</p>	3. Form Tracking Number:  159573056849
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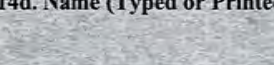
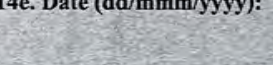
4. Organization Name and Address: EDMO Distributors, Inc. 12830 E. Mirabeau Parkway Spokane, WA 99216	5. Work Order/Contract/Invoice Number: 1595730
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	ELT TRANSMITTER AND BATTERY/C406-2HM wit+	453-5001	1	210-12338	NEW

12. Remarks:

1: 453-5001 ACR ELECTRONICS INC. / ARTEX FORT LAUDERDALE, FL, PACKING SLIP 00316829 DATED 03/18/2020 EDMO PO 134535
 TSO: C126 BATTERY EXP: JUN/2025
 Prod App: PT1113CE/PQ1113CE
 ITEM 1: THIS PART IS PROGRAMMED FOR USA [-366] 24-BIT ADDRESS (LONG) THE END.

13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	<table border="1"> <tr> <td data-bbox="966 755 1375 917"> 14a. 14 CFR 43.9 Return to Service </td> <td data-bbox="1375 755 2016 917"> Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. </td> </tr> </table>	14a. 14 CFR 43.9 Return to Service	Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.
14a. 14 CFR 43.9 Return to Service	Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		

13b. Authorized Signature: 	13c. Approval/Authorization No.: 844963508	14b. Authorized Signature: 	14c. Approval/Certificate No.: 
13d. Name (Typed or Printed): MARK T. RHODES	13e. Date (dd/mmm/yyyy): 25/JAN/2021	14d. Name (Typed or Printed): 	14e. Date (dd/mmm/yyyy): 

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propellers/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



ACR Electronics, Inc.
 5757 Ravenswood Rd.
 Ft. Lauderdale, FL 33312
 Phone (954) 981-3333 Fax (954) 983-5087

DATE
3/25/2020

PICKING LIST

SOLD TO EDMO Distributors, Inc.
 12830 E. Mirabeau Parkway
 Spokane WA 99216

SHIP TO Edmo Distributors, Inc
 2606 Brick Church Pike
 Nashville, TN 37207

ORDER NO.	ORDER DATE	CUSTOMER NO.	LOC.	SLSMN	PURCHASE ORD NO	JOB NO	SHIP VIA	COL / PPD
00316829	3/18/2020	10627	01	301	134535		Fedex Ground	CUST ACC T#
QTY SHIPPED	QTY BACKORDER	ITEM NUMBER / DESCRIPTION		LEVEL	UOM	PROM. / REQ. DATE		
5		453-5001	210-12338		EA	(3/31/2020) INV	01	-Loc
		Eng Draw Rev #: U Rev Date: 9/03/2013 ARTEX ELT C406-2HM M-ASSY ECCN 7A994 8526.91.0070 TSO: C126/C91a COUNTRY: UNITED STATES OF AMERICA (366) STANDARD LOCATION-ELT SERIAL (LONG)						
1		453-5002	210-12375		EA	(3/31/2020) WIP	01	-Loc
		Eng Draw Rev #: M Rev Date: 9/03/2013 ARTEX ELT C406-1 M-ASSY 1OUT ECCN 7A994 8526.91.0070 TSO: C126/C91a COUNTRY: UNITED STATES OF AMERICA (366) STANDARD LOCATION-ELT SERIAL (LONG)						
		Total Order Weight: .00						
		DOC# 040720081855JA.PDF Printed By: JACQUELINED Print Date: 04/07/20 Print Time: 08:18:55						
		*** Co ***						



ACR Electronics, Inc.

World Leaders In Safety & Survival Technologies

5757 Ravenswood Road
Fort Lauderdale, FL 33312 USA

+1 (954) 981- 3333
+1 (954) 983-.5087 (Fax)

CERTIFICATION OF COMPLIANCE

TO:	<u>EDMO Distributors, Inc.</u>
CONTRACT / P.O. No.:	<u>134535</u>
ORDER No.:	<u>316829</u>
PART No.:	<u>453-5001</u>
CUSTOMER PART No.:	<u>N/A</u>
DESCRIPTION:	<u>ARTEX ELT C406-2HM M-ASSY</u>
SERIAL No.:	<u>210-12334 THRU 210-12338</u>
BATCH No.:	<u>N/A</u>
DATE OF MANUFACTURE:	<u>N/A</u>
EXPIRATION DATE:	<u>N/A</u>
QUANTITY SHIPPED:	<u>5</u>
DATE SHIPPED:	<u>3/27/2020</u>

It is hereby certified that all articles in the above shipments and in the quantity given above are in conformance with requirements, specifications, and drawings applicable to Contract / Purchase Order Number 134535

Substantiated evidence is in our files that the accompanying shipment complies with Material and Process specifications and Government specifications when applicable. All quality inspection, in-process and final acceptance tests have been performed on all units in this Purchase Order.


ACR Electronics, Inc. Quality System is AS9100/ISO9001 Certified
ACR Electronics Inc. Repair Approvals: CRS 8CER093C, EASA 145.6548

Alba Munguia

Receiving Inspector

ACR Quality Policy

We design and build quality products knowing they are used to save lives. We are committed to continuously improve everything we do to achieve ever increasing customer, shareholder and employee satisfaction by accomplishing all that we do to a higher standard.

1. Approving Civil Aviation Authority / Country FAA / UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG.			3. Form Tracking Number: 20200327_A_OA_316829	
4. Organization Name and Address: ACR Electronics, Inc. 5757 Ravenswood Road, Fort Lauderdale, FL 33312-6603.				5. Work Order / Contract / Invoice Number: PT1113CE / PQ1113CE 134535		
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status / Work	
1	ARTEX ELT C406-2HM M-ASSY	453-5001	5	210-12334 THRU 210-12338	NEW	
12. Remarks: AIRWORTHINESS APPROVAL Item 1 is a TSO C126/C91a Article. PRE-APPROVED: 579511278-2020-0015						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12. <small> Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14 Code of Federal Regulations, Part 43, and in respect to that work, the items are approved for return to service.</small>		
13b. Authorized Signature: 		13c. Approval / Authorization No: 579511278		14b. Authorized Signature:		
13d. Name (Typed or Printed) Alba J. Munguia		13e. Date (dd/mmm/yyyy) 27-Mar-2020		14c. Approval / Certificate No.		
				14d. Name (Typed or Printed):		
				14e. Date (dd/mmm/yyyy)		
User / Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.						
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propellers/articles from the airworthiness authority of the country specified in Block 1.						
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

GALAAEXX
Inv: 1595730
Ord: 1868687

SarCalc Elt Reading

Artex Programmer Record

Beacon ID= 2DC75BF884FFBFF

Message Type= Normal, Long

Country= 366 USA

A/C ICAO Addr= ADFC42

Position= Invalid

Position Source= External

121.5 Mhz Beacon= Yes

Recorded: 1/25/2021 16:11 51 sec

Full Msg (17-144): 2F96E3ADFC427FDFF991A77583E0FAA8

S/N: 210-12338

<http://www.avionictools.com>

BR

Total Battery Usage

0 hrs 0 min

0 Activations

PARTS REPORT



CLIENT/OWNER: ROYAL MALAYSIA POLICE AIRCRAFT TYPE: AW139 REGISTRATION: 9M-PMB BASE/FACILITY: WMSA DATE IN: 10/3/21 OUT: 10/3/21	SERIAL NO.	HOURS	LDG/CYCLE		WORKSHEET NO:	6094-002	
	AIRCRAFT	31726	1646:05	2039	WORK/INSP/DESC:	ELT PROGRAMMING	
	#1 ENGINE:	PCE-KB1830	1646:05	N/A	N/A	WORKPACK REF:	9M-PMB-6094
	#2 ENGINE:	PCE-KB1832	1646:05	N/A	N/A	LBE REF NO.:	NOT APPLICABLE
				NG / N1	NF / N2	SHEET: 1 OF 1	
Reason for raising: ELT PROGRAMMING TO BE CARRY OUT IN ACCORDANCE WITH IETP AW139, 38TH ISSUE: 2020-12-07 UPDATED: 2021-01-26				Raised by and date: Ahmad Khalis Halimi 05/03/2021		Other requirements/information: NIL	

Item	Part No	Description	Serial Number		Qty	Position	Reason	Lifed Item Information TSN/TSO/DUE/TIMEX	Release Reference
			Off	On					

NAME	FIRM	SIGN & APPROVAL	DATE
FAHMI	GAM AMO		10/3/2021

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

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TICK WHERE APPLICABLE

CUSTOMER: ROYAL MALAYSIA POLICE	AIRCRAFT REG*	9M-PMB	CSN*	-	WORKSHOP WORKSHEET NO: WW-W/21-057
BASE/FACILITY: GAM SUBANG, AVIONICS ROOM	AIRCRAFT S/N*	31726	CSO*	-	WORK ORDER REF: GAM-WS-WO-21-057
	TSN*	-			
	TSO*	-			
DATE IN: 10 MARCH 2021	*IF APPLICABLE				SHEET: 1 OF 5
DATE OUT: 10 MARCH 2021					

Reason for raising: ARTEX Emergency Locator Transmitter Programming I.A.W ARTEX A3-06-2824 Handheld Programmer (8700) Operations Manual Y1-03-0272 Rev. F Dated August 14/2018.

Raised by and date: Mior Mohd Adib 10 March 2021

Other requirements/information:

Item	Description	Technician	Approval Holder	Date
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Component detail:				
Description	Model	P/N	S/N	COSPAS – SARSAT #
ARTEX ELT	C406-2HM	453-5001	210-12338	210

NOTE:

- Prior to starting the programming – review ELT service history, logbook/ log card, the CMM and IPD as applicable. A correct programming cable must be used as per 8700 Handheld Programmer Operations Manual.
- Ensure the latest and up to date Component Maintenance Manual (CMM) and Illustrated Part Document / List (IPD) is referred. Always follow recommendation as per CMM and safety precaution to be observed at all time.
- Be familiar with the 8700 Handheld Programmer Operations Manual. Always select the required parameters and selection of the programmer within its operating limitation.

1.0 SETTING UP HANDHELD PROGRAMMER

1.1	Plug the programming cable into the ELT. Ensure correct programming cable used as per 8700 Handheld Programmer Operations Manual section 2.1.1 Connections. Remarks: SATISFACTORY	J 8235	[Signature]	10.03.2021
1.2	Connect the cable to the Handheld Programmer. Remarks: SATISFACTORY	J 8235	[Signature]	10.03.2021
1.3	Turn on the Artex ELT handheld programmer by pressing the power button at the left hand side of the handheld programmer. Remarks: SATISFACTORY	J 8235	[Signature]	10.03.2021
1.4	Open the Artex software by tap the "Artex" icon on the home screen. Remarks: SATISFACTORY	J 8235	[Signature]	10.03.2021
1.5	Tap "Program" on the Artex software main screen. Remarks: SATISFACTORY	J 8235	[Signature]	10.03.2021

2.0 SELECT THE BAUD RATE

2.1	Set the Baud rate to 9600 to program long message ELTs and 2400 to program older, short message ELTs. Refer to ARTEX A3-06-2824 Handheld Programmer (8700) Operations Manual Remarks: SATISFACTORY	J 8235	[Signature]	10.03.2021
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3.0 COUNTRY CODE DATABASE

3.1	Use the stylus and the scroll bar to the right of the screen. The complete list can be seen by scrolling. For country codes not listed, "manual entry" may be used. Remarks: SATISFACTORY	J 8235	[Signature]	10.03.2021
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4.0 PROTOCOL SELECTION

NOTE:

- When entering data into the programming software, most fields not filled with the maximum allowable number of characters will fill the unused portion with zeros to the left of the data entered. Exceptions to this are noted in the appropriate subsections below.

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*TICK WHERE APPLICABLE

PARTS LABELED & RETURNED	D.D. RAISED	DUPLICATE INSP.	GROUND RUN	FLIGHT TEST	TORQUE CHK.	ADDITIONAL WORKSHEET	MONITORED DEFECT	PLANNING FORCAST	DIARY UPDATE	STATUS UPDATE	D.D. STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	OEM/COMP LOG CARD	MOD RECORD BOOK
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CUSTOMER: ROYAL MALAYSIA POLICE	AIRCRAFT REG*	9M-PMB	CSN*	-	WORKSHOP WORKSHEET NO: WW-W/21-057
BASE/FACILITY: GAM SUBANG, AVIONICS ROOM	AIRCRAFT S/N*	31726	CSO*	-	WORK ORDER REF: GAM-WS-WO-21-057
	TSN*	-			
	TSO*	-			
DATE IN: 10 MARCH 2021	*IF APPLICABLE			SHEET: 2 OF 5	
DATE OUT: 10 MARCH 2021					

Reason for raising:	Raised by and date:	Other requirements/information:
ARTEX Emergency Locator Transmitter Programming I.A.W ARTEX A3-06-2824 Handheld Programmer (8700) Operations Manual Y1-03-0272 Rev. F Dated August 14/2018.	Mior Mohd Adib 10 March 2021	

Item	Description	Technician	Approval Holder	Date
4.1	Select the type of programming desired by tapping on the drop-down menu to show the protocol options. Remarks: SATISFACTORY			10.03.2021
4.2	Determine which ELTs are "Short Message" ELTs and which are "Long Message" ELTs. Short message ELTs accept short message protocol programming only. Long message ELTs may use either long message or short message protocol programming. Remarks: SATISFACTORY			10.03.2021
4.3	Select "Serial User / ELT / Cospas Loc (Long)" protocol. Go to Graffiti screen and tap on letter/numbers. Remarks: SATISFACTORY			10.03.2021
4.4	Enter the serial number, which matches the serial number seen on the product label. Serial Number: 12338 Remarks: SATISFACTORY			10.03.2021
4.5	Enter the COSPAS-SARAT TAC number and tap "DONE" when finished. COSPAS-SARSAT TAC Number: 210 Remarks: SATISFACTORY			10.03.2021
4.6	Tap "ENTER" button on Program screen. The 32-digit hex code is shown at the bottom of the screen, with the abbreviated 15-digit hex code below it. Remarks: SATISFACTORY			10.03.2021
	NOTE: • For ELT 345s or ELT 100s only: tap "Program"; quickly place ELT switch in the rest mode and release. (Quickly is ,1 second).			
4.7	Tap the "Program" button to program the ELT. Ensure that screen shows "Programming Successful". New 15-digit hex code: 42A8696064FFBFF Remarks: SATISFACTORY			10.03.2021
5.0	PROGRAMMING VERIFICATION			
	CAUTION: • PERFORM ALL ELT TESTING IN ACCORDANCE WITH LOCAL OR NATIONAL REGULATIONS. IF REQUIRED, TERMINATE ELT INTO A 50-OHM LOAD OR PERFORM TESTING IN A RF SHIELDED ENVIRONMENT. • ELTS WITH 121.5/243 MHZ TRANSMITTERS MUST BE TESTED WITHIN 5 MINUTES AFTER THE HOUR (US/CANADA). LIVE TRANSMISSIONS OF THE 406 MHZ SIGNAL MUST BE LIMITED TO ELTS THAT TRANSMIT A "SELF-TEST" USING TEST FRAME SYNCHRONIZATION. EXTENDED TESTING OF THE 406 MHZ ELT SIGNAL MUST BE PERFORMED DIRECTLY CONNECTED TO THE PROGRAMMER WITH PROPER SIGNAL ATTENUATION AND/OR RF SHIELDING. SEE "OPTIONAL EQUIPMENT".			
	NOTE: • The ELT read function does not detect or verify the presence of 121.5 MHz; this is a 406 MHz reader only. • Exact location of the Sarcalc icon may vary depending on what other programs or applications are loaded on the Handheld Programmer.			

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*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

*TICK WHERE APPLICABLE

PARTS LABELED & RETURNED	D.D. RAISED	DUPLICATE INSP.	GROUND RUN	FLIGHT TEST	TORQUE CHK.	ADDITIONAL WORKSHEET	MONITORED DEFECT	PLANNING FORECAST	DIARY UPDATE	STATUS UPDATE	D.D. STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	OEM/COMP LOG CARD	MOD RECORD BOOK
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CUSTOMER: ROYAL MALAYSIA POLICE	AIRCRAFT REG*	9M-PMB	CSN*	-	WORKSHOP WORKSHEET NO: WW-W/21-057
BASE/FACILITY: GAM SUBANG, AVIONICS ROOM	AIRCRAFT S/N*	31726	CSO*	-	WORK ORDER REF: GAM-WS-WO-21-057
	TSN*	-			
	TSO*	-			
DATE IN: 10 MARCH 2021	*IF APPLICABLE			SHEET: 3 OF 5	

Reason for raising:	Raised by and date:	Other requirements/information:
ARTEX Emergency Locator Transmitter Programming I.A.W ARTEX A3-06-2824 Handheld Programmer (8700) Operations Manual Y1-03-0272 Rev. F Dated August 14/2018.	Mior Mohd Adib 10 March 2021	

Item	Description	Technician	Approval Holder	Date
5.1	Select the Sarcalc program by tapping the "Sarcalc" icon on the home screen. Remarks: SATISFACTORY			10.03.2021
5.2	Connect the reader to the ELT directly with a coax cable (no attenuator required for test set) or connect the whip antenna. The reader is now ready to receive and decode the message. Remarks: SATISFACTORY			10.03.2021
5.3	Select "Measure" from "Avionic Tools" screen Remarks: SATISFACTORY			10.03.2021
5.4	The screen will display "Waiting for Data", until a valid ELT transmission is received. Remarks: SATISFACTORY			10.03.2021
5.5	Perform a "Self-Test" of the ELT by turning the ELT local or remote switch from "OFF/ARMED" to "ON" for no more than 3 sweeps of the 121.5/243 MHz signal and then switch back to "OFF/ARMED". Remarks: SATISFACTORY			10.03.2021
	NOTE: <ul style="list-style-type: none"> For ELT 345 and ELT 1000, simply place the ELT in the test position and release. For ELT 3000, hold the ELT in the test position until you see the LED flash and release. 			
5.6	If the received data is invalid, then "Message Error!" will be displayed. This may indicate excessive distance from the ELT antenna if testing externally. <ul style="list-style-type: none"> 0-30 feet distance from the ELT antenna is recommended, although distances up to 50 feet are possible (as allowed). The ELT internal 406 MHz oscillator may need to warm up. Remarks: NOT APPLICABLE. THE READER DIRECTLY CONNECTED TO THE ELT.			10.03.2021
	NOTE: <ul style="list-style-type: none"> 0-30 feet distance from the ELT antenna is recommended, although distances up to 50 feet are possible (as allowed). The ELT internal 406 MHz oscillator may need to warm up. 			
5.7	Repeat the ELT test if necessary. Remarks: SATISFACTORY			10.03.2021
5.8	Select "Done" to save the message and proceed. A new message will not over-write the old message. The message will be automatically saved to a database for later review. Remarks: SATISFACTORY			10.03.2021
5.9	Press "Clear" or the right arrow key to clear screen for next message. Remarks: SATISFACTORY			10.03.2021
6.0	FINDING AND REPLACEMENT OF FAULTY COMPONENT			
6.1	NIL. Remarks: SATISFACTORY			10.03.2021
7.0	LABEL AND REPORT PRINTING			
7.1	After successfully programming and verifying the ELT, replace the previous ELT 15 HEX ID, Country Code and Country label with the new one. Remarks: SATISFACTORY			10.03.2021

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

*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

*TICK WHERE APPLICABLE

PARTS LABELED & RETURNED	D.D. RAISED	DUPLICATE INSP.	GROUND RUN	FLIGHT TEST	TORQUE CHK.	ADDITIONAL WORKSHEET	MONITORED DEFECT	PLANNING FORECAST	DIARY UPDATE	STATUS UPDATE	D.D. STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	OEM/COMP LOG CARD	MOD RECORD BOOK
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CUSTOMER: ROYAL MALAYSIA POLICE BASE/FACILITY: GAM SUBANG, AVIONICS ROOM DATE IN: 10 MARCH 2021 DATE OUT: 10 MARCH 2021	AIRCRAFT REG*	9M-PMB	CSN*	-	WORKSHOP WORKSHEET NO: WW-W/21-057
	AIRCRAFT S/N*	31726	CSO*	-	
	TSN*	-			SHEET: 4 OF 5
	TSO*	-			
*IF APPLICABLE					

Reason for raising: ARTEX Emergency Locator Transmitter Programming I.A.W ARTEX A3-06-2824 Handheld Programmer (8700) Operations Manual Y1-03-0272 Rev. F Dated August 14/2018.	Raised by and date: Mior Mohd Adib 10 March 2021	Other requirements/information:
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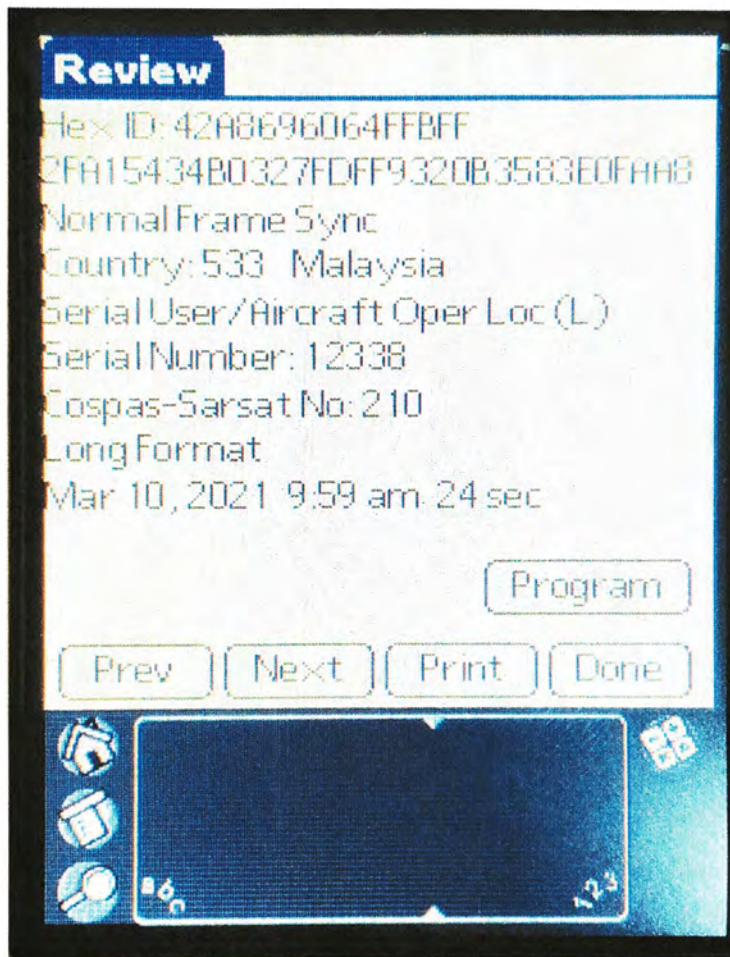
Item	Description	Technician	Approval Holder	Date
7.2	If perform programming on ELT. Record the ELT battery details: Part Number: 452-0133 REV.AC Serial Number: 385997-034 Expiry Date: JUNE 2025 Remarks: SATISFACTORY			10.03.2021
7.3	Print and attached the programming & verification test result to the worksheet. Remarks: SATISFACTORY			10.03.2021
7.4	Complete Workshop Worksheet and logbook/ log card as applicable. Remarks: SATISFACTORY			10.03.2021
7.5	Issue Serviceable Label if required. Remarks: SATISFACTORY			10.03.2021
7.6	Complete the Workshop Process Report if requested Remarks: SATISFACTORY			10.03.2021
7.7	Issue CAAM Form 1 if required. Remarks: SATISFACTORY			10.03.2021

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

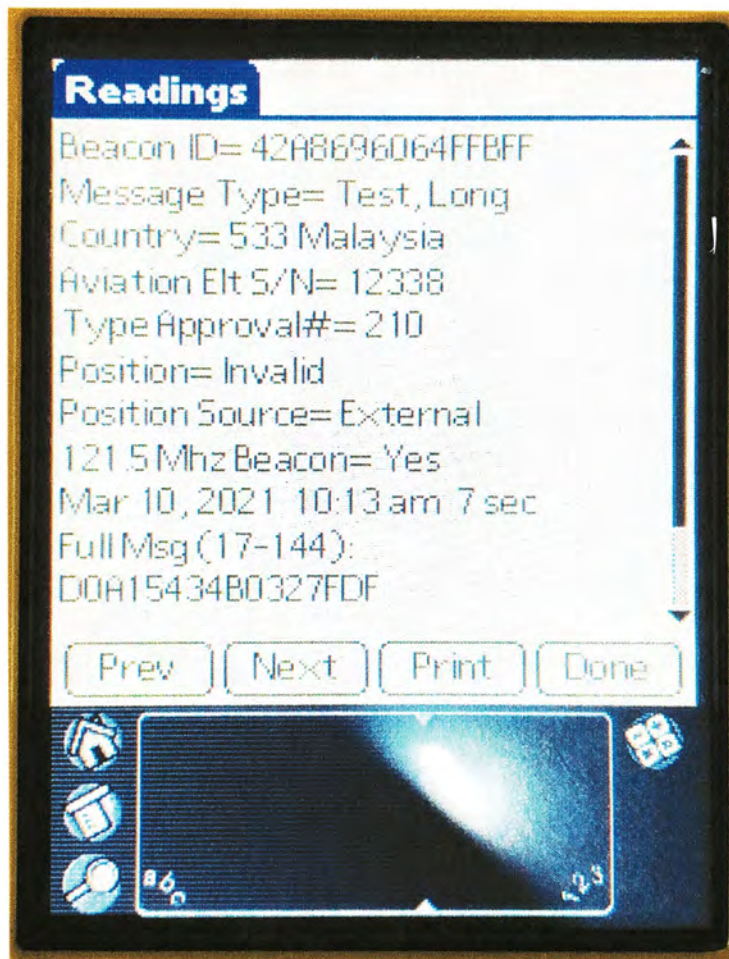
*The work recorded above has been carried out in accordance with the requirements of the _____ for the time being in force and in that respect the aircraft / equipment is considered fit for release to service.

*TICK WHERE APPLICABLE

PARTS LABELED & RETURNED	D.D. RAISED	DUPLICATE INSP.	GROUND RUN	FLIGHT TEST	TORQUE CHK.	ADDITIONAL WORKSHEET	MONITORED DEFECT	PLANNING FORCAST	DIARY UPDATE	STATUS UPDATE	D.D. STATUS	AIRCRAFT LOG BOOK	ENGINE LOG BOOK	PROPELLER LOG BOOK	LOG CARD	OEM/COMP LOG CARD	MOD RECORD BOOK
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