

1. Approving Competent Authority / Country CAA/UK		2. AUTHORISED RELEASE CERTIFICATE CAA FORM 1			3. Form Tracking Number: WAV2323127	
4. Organization Name and Address:  Avia Technique SK AeroSafety Group		Avia Technique Ltd. Unit 1,3,4, 6 Fishponds Estate Fishponds Road Wokingham, Berkshire, GB RG41 2QJ Ph: +441189789789, Fax: +441189794511				
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:	
1	Emergency Locator Transmitter	01N65920	1.00	18465035	Overhauled	
12. Remarks: CMM: 25-60-11 Revision: 9 C/S Beacon ID: BAC74B6A65D64A9 Simplified Beacon ID: 470/1/SPR2124_3/1 or 470/1/SPR2124/1 Battery Expiry Date: DEC 2028 T.S.O.: Zero Hours Avia Technique have checked and verified that there are no pertinent AD's or SB's relevant. Unit released fitted with DUMMY AIM. "The work identified in Block 11 and described herein has been accomplished in accordance with 14 CFR Part 43 and in respect to that work, the items are approved for return to service under certificate no. 18QY183X"						
13a. Certifies that the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12						
13b. Authorised Signature:		13c. Certificate /Approval Ref No.:		14a. ☒ Part-145.A.50 Release to Service ☐ Other regulation specified in Block 12		
13d. Name		13e. Date (dd/mm/yyyy):		14b. Authorised Signature:  14c. Certificate /Approval Ref No.: UK.145.00846		
13e. Date (dd/mm/yyyy):		14d. Name		14e. Date (dd/mm/yyyy):		
		Paul Ranger		05/Dec/2023		
USER / INSTALLER RESPONSIBILITIES						
This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulations of an Airworthiness Authority different than the Airworthiness Authority specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts items from the Airworthiness Authority 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.						

1. Approving Competent Authority / Country		2.		3. Form Tracking Number:		
EASA		AUTHORISED RELEASE CERTIFICATE EASA FORM 1			WAV2323127	
4. Organization Name and Address:				5. Work Order / Contract / Invoice Number:		
Avia Technique SK AeroSafety Group Avia Technique Ltd. Unit 1,3,4, 6 Fishponds Estate Fishponds Road Wokingham, Berkshire, GB RG41 2QJ Ph: +441189789789, Fax: +441189794511				WAV2323127 / R420740		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:	
1	Emergency Locator Transmitter	01N65920	1.00	18465035	Overhauled	
12. Remarks:						
CMM: 25-60-11 Revision: 9 C/S Beacon ID: BAC74B6A65D64A9 Simplified Beacon ID: 4701/1/SPR2124_3/1 or 4701/1/SPR2124/1 Battery Expiry Date: DEC 2028 T.S.O.: Zero Hours Avia Technique have checked and verified that there are no pertinent AD's or SB's relevant. Unit released fitted with DUMMY AIM.						
13a. Certifies that the items identified above were manufactured in conformity to:				14a. ☒ Part-145.A.50 Release to Service ☐ Other regulation specified in Block 12		
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data 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 Part-145, and in respect to that work the items are considered ready for release to service.		
13b. Authorised Signature:		13c. Certificate /Approval Ref No.:		14c. Certificate /Approval Ref No.:		
				EASA.UK.145.00846		
13d. Name		13e. Date (dd/mm/yyyy):		14e. Date (dd/mm/yyyy):		
				05/Dec/2023		
14b. Authorised Signature:						
						
14d. Name Paul Ranger						
USER / INSTALLER RESPONSIBILITIES						
This certificate does not automatically constitute authority to install the item(s).						
Where the user/installer performs work in accordance with regulations of an Airworthiness Authority different than the Airworthiness Authority specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts items from the Airworthiness Authority 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.						



Avia Technique Ltd.
Unit 1,3,4, 6 Fishponds Estate
Fishponds Road
Wokingham, Berkshire, GB RG41 2QJ
Ph: +441189789789, Fax: +441189794511
customerservices@aviatechnique.co.uk

Tear Down/Inspection

Work Order #: WAV2323127

Date Printed: 29/11/2023

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To:

A.J. Walter Aviation Ltd.
Maydwell Avenue
The Headquarters
Slinford RH13 0AS
United Kingdom

Ship To:

A.J. Walter Aviation Ltd.
Maydwell Avenue
The Headquarters
Slinford RH13 0AS
United Kingdom

Reference: R420740
Date Received: 24/11/2023
Part Number: 01N65920
Description: Emergency Locator Transmitter
Serial Number: 18465035

Customer Remarks:

Overhaul
Replace Battery.

Results from inspection:

Faults Found
Battery expired.

Information for Customer

Unit received with Dummy AIM.
Mandatory Coding Sheet: N/A - no re-coding requested
Unit DMF: 46th Week of 2018
Battery Expiry Date: NOV 2023
On Receipt C/S Beacon ID: BAC74B6A65D64A9
On Receipt Simplified Beacon ID: 470/1/SPR2124_3/1 or 470/1/SPR2124_3/1
Push Button Operation: OKAY
Water Sensor Operation: OKAY

Corrective actions:

Overhaul
Strip and Clean.
Fit replacement Battery Service Kit.
Unit to released fitted with Dummy AIM.
Overhaul, Test and Certify with reference to the correct issue of the CMM.

Inspection report generated by: Carl Stevens

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*****
*
*           SARSAT TEST BENCH           *           ***** ELTA *****
*           STB-06(x)                   *           *** Toulouse ***
*           Ref.02E61932 V1.2.9.3       *           *** France ***
*
*****
*
*           Beacon Identification         * PN : 01N65920 Rev: G
*
*           - Current parameters -       * Model : Coder ADT406
*
*                                         * Serial # : 18465035
*****
*
* Organism ..... AVIA TECHNIQUE
* Date ..... December 05,2023 12 h 41
* Remarks ..... Final ID - WAV2323127
*
*****
*
* C/S BEACON ID.....BAC74B6A65D64A9
*
* Message Type.....Short
*
* Country Code.....470 UNITED ARAB EMIRATES
*
* Identification.....Type protocol      User protocol
*                        Protocol          Aviation
*                        A/C Reg. Marking SPR2124
*                        Specific ELT #    3
*
* Homing.....121.5 MHz and 243 MHz
*
* Activation.....Manual Only
*
* Power.....High
*
* MESSAGE.....FFFE2F5D63A5B532EB254C2F5C00
*
* Simplified Beacon ID... 470/1/SPR2124_3/1
*
*                        470/1/SPR2124/1
*
* Battery used time.....00 H 00 MIN
*
*****

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AVIA
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*
*          SARSAT TEST BENCH          *          ***** ELTA *****
*          STB-06(x)                   *          *** Toulouse ***
*          Ref.02E61932 V1.2.9.3       *          *** France ***
*
*****
*
*
*          Beacon RF Measurements      *          PN : 01N65920 Rev: G
*                                     *          Serial #: 18465035
*                                     *          Model : Coder ADT406
*****
*
*  Organism ..... AVIA TECHNIQUE
*  Date ..... December 05,2023 13 h 02
*  Remarks ..... Final Test - WAV2323127
*
*****
*
*          406.028 MHz Measurements
*****
*
*  Power.....dBm 37.3
*  DFo.....KHz -0.3
*  Tr.....s 50.7
*  Cpp.....ms 160.0
*  Ce.....ms 439.7
*  H400.....bps 400.4
*  Phi1.....rd 1.1
*  Phi2.....rd -1.1
*  PhiTot.....rd 2.2
*
*
*
*****
*
*          121.5 MHz Measurements      *          243 MHz Measurements
*****
*
*  Modulation LF....DOWNWARD          *  Modulation LF....DOWNWARD
*  DFo.....kHz 0.2                    *  DFo.....kHz 0.5
*  Fsweep.....Hz 2.9                  *  Fsweep.....Hz 2.9
*  Fmin.....Hz 498                    *  Fmin.....Hz 498
*  Fmax.....Hz 1454                   *  Fmax.....Hz 1451
*  Frange.....Hz 956                  *  Frange.....Hz 953
*  Pvhf.....dBm 21.5                  *  Pvhf.....dBm 22.0
*****
*
*  TEST UHF..... POSITIVE
*  TEST VHF 121.5 MHz..... POSITIVE
*  TEST VHF 243 MHz..... POSITIVE
*
*****
*
*          Beacon Message - 406.028 MHz
*****
*
*  C/S BEACON ID.....BAC74B6A65D64A9
*  Message Type.....SHORT
*  Country Code.....470 UNITED ARAB EMIRATES
*  Identification.....Type protocol   User protocol
*                                     Protocol   Aviation
*                                     A/C Reg. Marking SPR2124
*                                     Specific ELT # 3
*
*  Homing.....121.5 MHz
*  Activation.....Manual Only
*  MESSAGE..... FFFE2F5D63A5B532EB254C2F5C00
*
*  Simplified Beacon ID..470/1/SPR2124 3/1
*                           470/1/SPR2124/1
*
*****

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