

1. Approving Competent Authority / Country EASA		2.		AUTHORISED RELEASE CERTIFICATE EASA FORM 1				3. Form Tracking Number: WAV2317758	
4. Organization Name and Address:  Avia Technique Ltd. Unit 1,3,4, 6 Fishponds Estate Fishponds Road Wokingham, Berkshire, GB RG41 2QJ Ph: +441189789789, Fax: +441189794511				5. Work Order / Contract / Invoice Number: WAV2317758 / T42051					
6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:				
1	Emergency Locator Transmitter	95N6088	1.00	03441461	Overhauled				
12. Remarks: CMM: 25-60-04 Revision: 3 C/S Beacon ID: 99A649238F4D251 Simplified Beacon ID: 205/1/ OOSSH_1/1 or 205/1/ OOSSH/1 Battery Expiry Date: NOV 2026 T.S.O.: Zero Hours Avia Technique have checked and verified that there are no pertinent AD's or SB's relevant.									
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 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.		14c. Certificate /Approval Ref No.: EASA.UK.145.00846			
13d. Name		13e. Date (dd/mm/yyyy):		14b. Authorised Signature:  		14e. Date (dd/mm/yyyy): 08/Nov/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 CAA/UK		2.		AUTHORISED RELEASE CERTIFICATE CAA FORM 1			3. Form Tracking Number: WAV2317758	
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				5. Work Order / Contract / Invoice Number: WAV2317758 T42051				
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:			
1	Emergency Locator Transmitter	95N6088	1.00	03441461	Overhauled			
12. Remarks: CMM: 25-60-04 Revision: 3 C/S Beacon ID: 99A649238F4D251 Simplified Beacon ID: 2051/ OOSSH_ 1/1 or 2051/ OOSSH/1 Battery Expiry Date: NOV 2026 T.S.O.: Zero Hours Avia Technique have checked and verified that there are no pertinent AD's or SB's relevant. "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							14a. ☒ Part-145.A.50 Release 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 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.:		14b. Authorised Signature:		14c. Certificate /Approval Ref No.:		
						UK.145.00846		
13d. Name		13e. Date (dd/mm/yyyy):		14d. Name		14e. Date (dd/mm/yyyy):		
				Paul Ranger		08/Nov/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.								



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Ph: +441189789789, Fax: +441189794511
customerservices@aviatechnique.co.uk

Tear Down/Inspection

Work Order #: WAV2317758

Date Printed: 18/09/2023

Page: 1

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: T42051
Date Received: 12/09/2023
Part Number: 95N6088
Description: Emergency Locator Transmitter
Serial Number: 03441461

Customer Remarks:

Overhaul

To Overhaul and Recertify.

Results from inspection:

Faults Found

Battery expired.

Lanyard damaged, Frayed - Lanyard SC Kit.

Float fitted incorrectly - Realignment required.

Cap Protection missing, CID.

Coded ID Does not match ID Label.

Antenna Electrical Connector threads damaged - Return To Supplier (OEM) required.

Failed Transmission Test, intermittent Failure, also crashes STB-06 Software - Return To Supplier (OEM) required.

Information for Customer

Mandatory Coding Sheet: N/A - no re-coding requested.

Unit DMF: 44th Week of 2003

Battery Expiry Date: JAN 2022

On Receipt C/S Beacon ID: 99A649238F4D251

On Receipt Simplified Beacon ID: 205/1/ OOSSH_1/1 or 205/1/ OOSSH/1

G-Switch Operation: OKAY.

Corrective actions:

Forward to the OEM for Repair

Return To Supplier for repair of Transmission and Antenna Electrical Connector.

Overhaul

Strip and Clean.

Fit replacement Battery Service Kit, re-align Float, Lanyard SC Kit, Cap Protection and ID Label.

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
*       STB-06(x)
*       Ref.02E61932 V1.2.9.3
*
*****
*
*       Beacon Identification
*
*       - Current parameters -
*
*****
*
*       Organism ..... AVIA TECHNIQUE
*       Date ..... November 08, 2023 15 h 00
*       Remarks ..... Final ID - WAV2317758
*
*****
*
*       C/S BEACON ID.....99A649238F4D251
*
*       Message Type.....Short
*
*       Country Code.....205 BELGIUM
*
*       Identification.....Type protocol    User protocol
*                               Protocol        Aviation
*                               A/C Reg. Marking OOSSH
*                               Specific ELT #   1
*
*       Homing.....121.5 MHz and 243 MHz
*
*       Activation.....Automatic or Manual
*
*       Power.....Low
*
*       MESSAGE.....FFFE2F4CD32491C7A6928FB5F710
*
*       Simplified Beacon ID... 205/1/ OOSSH_1/1
*
*                               205/1/ OOSSH/1
*
*       Battery used time.....00 H 00 MIN
*
*****

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*****
*
*       ***** ELTA *****
*       *** Toulouse ***
*       *** France ***
*
*****
*
*       PN : 95N6088 Rev: B
*
*       Model : A06V2
*
*       Serial # : 03441461
*
*****

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AVIA
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*****
*
*          SARSAT TEST BENCH
*          STB-06(x)
*          Ref.02E61932 V1.2.9.3
*
*****
*
*          ***** ELTA *****
*          *** Toulouse ***
*          *** France ***
*
*****
*
*          Beacon RF Measurements
*
*****
*
*          Organism ..... AVIA TECHNIQUE
*          Date ..... November 08,2023 15 h 35
*          Remarks ..... Final Test - WAV2317758
*
*****
*
*          406.025 MHz Measurements
*
*
*          Power.....dBm 37.5
*          DFo.....KHz -0.7
*          Tr.....s 52.0
*          Cpp.....ms 160.2
*          Ce.....ms 440.0
*          H400.....bps 399.7
*          Phi1.....rd 1.1
*          Phi2.....rd -1.1
*          PhiTot.....rd 2.3
*
*
*
*
*****
*
*          121.5 MHz Measurements
*
*          Modulation LF....UPWARD
*          DFo.....kHz -0.8
*          FswEEP.....Hz 2.7
*          Fmin.....Hz 509
*          Fmax.....Hz 1526
*          Frange.....Hz 1017
*          Pvhf.....dBm 20.6
*
*
*          TEST UHF..... POSITIVE
*          TEST VHF 121.5 MHz..... POSITIVE
*          TEST VHF 243 MHz..... POSITIVE
*
*****
*
*          Beacon Message - 406.025 MHz
*
*          C/S BEACON ID.....99A649238F4D251
*          Message Type.....SHORT
*          Country Code.....205 BELGIUM
*          Identification.....Type protocol
*
*          Protocol
*          A/C Reg. Marking
*          Specific ELT #
*
*          User protocol
*          Aviation
*          OOSSH
*          1
*
*          Homing.....121.5 MHz
*          Activation.....Automatic or Manual
*          MESSAGE..... FFFE2F4CD32491C7A6928FB5F710
*
*          Simplified Beacon ID..205/1/ OOSSH_1/1
*          205/1/ OOSSH/1
*
*****

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AVIA
64

SARSAT TEST BENCH
STB-06(x)
Ref.02E61932 V1.2.9.3

***** ELTA *****
*** Toulouse ***
*** France ***

Beacon Identification
- Current parameters -

PN : 95N6088 Rev: B
Model : A06V2
Serial # : 03441461

Organism STB06 ECA 1
Date octobre 25,2023 08 h 49
Remarks

C/S BEACON ID.....99A649238F4D251

Message Type.....Short

Country Code.....205 BELGIUM

Identification.....Type protocol
Protocol
A/C Reg. Marking
Specific ELT #

User protocol
Aviation
OOSSH
1

Homing.....121.5 MHz and 243 MHZ

Activation.....Automatic or Manual

Power.....Low

MESSAGE.....FFFE2F4CD32491C7A6928FB5F710

Simplified Beacon ID... 205/1/ OOSSH_1/1

205/1/ OOSSH/1

Battery used time.....00 H 00 MIN



SARSAT TEST BENCH
STB-06(x)
Ref.02E61932 V1.2.9.3

***** ELTA *****
*** Toulouse ***
*** France ***

Beacon RF Measurements

PN : 95N6088 Rev: B
Serial #: 03441461
Model : A06V2

Organism STB06 ECA 1 STB06 P/N:00N62873 N°15.0166 Val.: 07/Nov/2023
Date octobre 25,2023 08 h 59
Remarks STB06 00N62873 N°15.0166 Val. 07/Nov/23

406.025 MHz Measurements

Power.....dBm 37.5
DFo.....KHz -0.8
Tr.....s 51.1
Cpp.....ms 160.2
Ce.....ms 440.3
H400.....bps 399.8
Phi1.....rd 1.2
Phi2.....rd -1.1
PhiTot.....rd 2.3

121.5 MHz Measurements

243 MHz Measurements

Modulation LF....UPWARD
DFo.....kHz -0.7
Fsweep.....Hz 2.6
Fmin.....Hz 508
Fmax.....Hz 1525
Frange.....Hz 1017
Pvhf.....dBm 20.2

Modulation LF....UPWARD
DFo.....kHz -0.6
Fsweep.....Hz 2.7
Fmin.....Hz 508
Fmax.....Hz 1524
Frange.....Hz 1016
Pvhf.....dBm 21.1

TEST UHF..... POSITIVE
TEST VHF 121.5 MHz..... POSITIVE
TEST VHF 243 MHz..... POSITIVE



Beacon Message - 406.025 MHz

C/S BEACON ID.....99A649238F4D251
Message Type.....SHORT
Country Code.....205 BELGIUM
Identification.....Type protocol User protocol
Protocol Aviation
A/C Reg. Marking OOSSH
Specific ELT # 1
Homing.....121.5 MHz
Activation.....Automatic or Manual
MESSAGE..... FFFE2F4CD32491C7A6928FB5F710
Simplified Beacon ID..205/1/ OOSSH 1/1
205/1/ OOSSH71

SARSAT TEST BENCH
STB-06(x)
Ref.02E61932 V1.2.9.3

***** ELTA *****
*** Toulouse ***
*** France ***

Beacon Identification
- Current parameters -

PN : 95N6088 Rev: B
Model : A06V2
Serial # : 03441461

Organism AVIA TECHNIQUE
Date September 18, 2023 14 h 02
Remarks On Receipt ID - WAV2317758

C/S BEACON ID.....99A649238F4D251

Message Type.....Short

Country Code.....205 BELGIUM

Identification.....	Type protocol	User protocol
	Protocol	Aviation
	A/C Reg. Marking	OOSSH
	Specific ELT #	1

Homing.....121.5 MHz and 243 MHz

Activation.....Automatic or Manual

Power.....Low

MESSAGE.....FFFE2F4CD32491C7A6928FB5F710

Simplified Beacon ID... 205/1/ OOSSH_1/1

205/1/ OOSSH/1

Battery used time.....00 H 00 MIN

SARSAT TEST BENCH
STB-06(x)
Ref.02E61932 V1.2.9.3

***** ELTA *****
*** Toulouse ***
*** France ***

Beacon RF Measurements

PN : 95N6088 Rev: B
Serial #: 03441461
Model : A06V2

Organism AVIA TECHNIQUE
Date September 18, 2023 15 h 40
Remarks On Receipt Test - WAV23117758

406.025 MHz Measurements

Power.....dBm 37.6
DFo.....KHz -0.7
Tr.....s 52.0
Cpp.....ms 160.1
Ce.....ms 440.0
H400.....bps 399.7
Phi1.....rd 1.1
Phi2.....rd -1.1
PhiTot.....rd 2.3

121.5 MHz Measurements

243 MHz Measurements

Modulation LF....UPWARD	Modulation LF....UPWARD
DFo.....kHz -0.3	DFo.....kHz -0.6
Fsweep.....Hz -2.7 *	Fsweep.....Hz -2.7 *
Fmin.....Hz 506	Fmin.....Hz 506
Fmax.....Hz 1522	Fmax.....Hz 1524
Frang.....Hz 1016	Frang.....Hz 1018
Pvhf.....dBm 20.9	Pvhf.....dBm 21.1

TEST UHF..... POSITIVE
TEST VHF 121.5 MHz..... NEGATIVE *
TEST VHF 243 MHz..... NEGATIVE *

Beacon Message - 406.025 MHz

C/S BEACON ID.....99A649238F4D251
Message Type.....SHORT
Country Code.....205 BELGIUM
Identification.....Type protocol
Protocol
A/C Reg. Marking
Specific ELT #
User protocol
Aviation
OOSSH
Homing.....121.5 MHz
Activation.....Automatic or Manual
MESSAGE..... FFEE2F4CD32491C7A6928FB5F710
Simplified Beacon ID..205/1/ OOSHS 1/1
205/1/ OOSHS/1