

1. Approving Civil Aviation Authority/Country FAA/UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: KVXSA0001001001	
4. Organization Name and Address: Duncan Aviation/3701 Aviation Road/Lincoln, NE 68524 JGVR194F				5. Work Order/Contract/Invoice Number: KVXSA	
6. Item: 1	7. Description: ELT	8. Part Number: 453-5004	9. Quantity: 1	10. Serial Number: 02845	11. Status/Work: Repaired
12. Remarks: <p>Discrepancy: Evaluate for repair.</p> <p>Preliminary findings: Received with battery and expiration date of Mar/2027. Bench tested and found switch cover boot cracked. H-shield bowed out, old style G-switch and TPS coax, and O-ring flattened. Unit is programmed as label.</p> <p>Corrective Actions: Replaced the Sub Assembly (including the switch cover, H-shield and G-Switch). Reassembled with new hardware. The unit has been identified with Mods 11,13. Function tested the unit per ARTEX C406 (1-3), B406-4, G406-4 Series Emergency Locator Transmitter Component Maintenance Manual, Revision J, dated 05/02/2022.</p> <p>Duncan Aviation certifies that the work specified in Blocks 11 and 12 was performed IAW EASA part 145, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA.145.4392. All EASA/FAA Airworthiness Directives are the responsibility of the installer. No current U.S. Airworthiness Directives apply. All EASA AD's have been researched, none apply.</p> <p>Technician: Anh Ho This document constitutes a signed copy of the work order Approval for return to service See attached parts list</p>					
13a. Certifies the items identified above were manufactured in conformity to: <input 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 checked="" type="checkbox"/> Other regulations 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.:		14b. Authorized Signature: DUNCAN QI 1454	
13d. Name (Type or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.: JGVR194F	
				14d. Name (Type or Printed): Andrew Berg	
				14e. Date (dd/mm/yyyy): 05 Nov 2024	
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)/propeller(s)/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.					

3. Form Tracking Number:

KVXSA0001001001

Parts List

Part Number	Part Description	Serial Number	Quantity
217-0606	ORING & SCREW		8.000
452-0050	SUB ASSY, B406-4 PRIMARY	95347-2595	1.000

**DUNCAN
AVIATION.**

ARTEX 406MHz PROGRAMMING RECORD

CUSTOMER NAME & PHONE:

NAME: PPNS LLC *

PHONE: 5122708718

FAX

ELT/PA MODEL NAME: B406-4

ELT/PA PART NUMBER: 453-5004

ELT/PA SERIAL NUMBER: 02845

ELT/PA OLD 15 DIGIT HEX CODE: 3AC83 8163A FFBFF

ELT/PA OLD COUNTRY & CODE: 470 - UNITED ARAB EMIRATES

ELT/PA NEW 15 DIGIT HEX CODE:

ELT/PA NEW COUNTRY & CODE:

Printout attached of new 15 digit and 22/30 digit hex codes and decoded message data. Data verified against ETS receiver transmission.

Reprogrammed by: Anh Ho

Date: 4 November 2024

DUNCAN AVIATION WORK ORDER: KVXSA

NOTE: This document does not constitute registration of the ELT. It is the aircraft owner's responsibility to register this ELT with Cospas/Sarsat.

SarCalc Elt Reading

Sarcalc Beacon Reading

Beacon ID= 3AC838163AFFBFF

Message Type= Test, Long

Country= 470 United Arab Emirates

Aviation Elt S/N= 2845

Type Approval#= 112

Position= Invalid

Position Source= External

121.5 Mhz Beacon= Yes

Recorded: 11/4/2024 16:26 44 sec

<http://www.avionictools.com>

SarCale Elt Reading

Artex Programmer Record

Beacon ID= 3AC838163AFFBFF

Message Type= Normal, Long

Country= 470 United Arab Emirates

Aviation Elt S/N= 2845

Type Approval#= 112

Position= Invalid

Position Source= External

121.5 Mhz Beacon= Yes

Recorded: 11/4/2024 16:26 34 sec

<http://www.avionictools.com>

K V X S A

SarCalc Elt Reading

Sarcalc Beacon Reading

Beacon ID= 3AC838163AFFBFF

Message Type= Test, Long

Country= 470 United Arab Emirates

Aviation Elt S/N= 2845

Type Approval#= 112

Position= Invalid

Position Source= External

121.5 Mhz Beacon= Yes

Recorded: 10/31/2024 17:56 4 sec

<http://www.avionictools.com>