

1. Approving Civil Aviation
Authority/Country:

2.

3. Form Tracking Number:

518

TCA1816 /
T42357

FAA/UNITED STATES

AUTHORIZED RELEASE CERTIFICATE
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address:

Camtronics LLC
122 West Beechcraft Dr
Tulsa, OK 74132
USA

CAMTRONICS
A MEXICO COMPANY

Ph: (918) 299-5148, Fax: (918) 298-1060

FAA Approval Holder: D8XR913Y

6. Item:

7. Description:

TCAS ANTENNA 81A

8. Part Number:

071-50001-8102

9. Quantity:

1.00

10. Serial Number:

30789

11. Status/Work:

OVERHAULED

12. Remarks:

The work performed (see block 11) was accomplished IAW the noted / applicable CMM or other approved FAA data listed under Manual ID: The work order (see block 5) describing the work performed is on file at this repair station
Manual ID: CAM-0071, Revision #: C, Revision Date: 7/27/2022

Certifies that the work specified in blocks 11 and 12 was carried out in accordance with EASA Part 145 and in respect to that work the component is considered ready for release to service under EASA Part 145 Approval Number: EASA 145.6181.

13a. Certifies 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. ☒ 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.:

14b. Authorized Signature:

14c. Approval/Certificate No.:
D8XR913Y

13d. Name (Typed or Printed):

13e. Date (dd/mm/yyyy):

14d. Name (Typed or Printed):
Neils Camp

14e. Date (dd/mm/yyyy):
13/Dec/2023

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.

Statement 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.

**Camtronics LLC**

122 West Beechcraft Dr

Tulsa, OK 74132

USA

Ph: (918) 299-5148, Fax: (918) 298-1060

FAA CRS No : D8XR913Y

Teardown Report

Work Order : TCA1816

PN : 071-50001-8102

Serial : 30789

Date Printed : 12/13/2023

To:
AJW WALTER AVIATION LTD
THE HEADQUARTERS
MAYDWELL AVENUE
SLINFOLD WEST SUSSEX RH13 OAS
UNITED KINGDOM

Ship To:
AJW WALTER AVIATION LTD
MAYDWELL AVE, SLINFOLD
WEST SUSSEX, RH 13 OAS UNITED KINGDOM

RO : T42357
PN : 071-50001-8102

Code : AJW
Descr : TCAS ANTENNA 81A

Work Scope : OH
Qty : 1

Service Performed :**SYMPTOM- PRELIMINARY**

Unit was visually inspected and exhibits wear and tear typical of in service condition
FAULT-OVERHAUL

Unit was disassembled to the level necessary to complete initial testing. Faults to internal components were identified and confirmed (ref BOM). Unit exhibited wear and tear (i.e., exterior wear, sealant around edges and in bolt holes) typical of in-service conditions.

Unit failed pretesting IAW CAM-0071 and exhibits wear and tear typical of in-service conditions.

ACTION-OVERHAUL

Faulty internal components were replaced (ref to BOM) and the unit was reassembled IAW appropriate work instructions. Unit was re-tested IAW CAM-0071 passing all required test criteria. Unit received an application of corrosion inhibitor and required exterior surface coatings.

Bill Of Materials (BOM) :

PN	Description	Qty Needed	CD	Disposition
071-50001-8102-OH KIT	OVERHAUL KIT	1	NE	Consumable
RN55C1002FB14	RESISTOR	1	NE	Consumable
RN55C3901FB14	RESISTOR	1	NE	Consumable
638060-08960	SCOTCH-WELD 620	1	NE	Consumable
RN55C1801BRE6	RESISTOR	1	NE	Consumable
RN55C6811FRE6	RESISTOR	1	NE	Consumable
C320C273M1R5TA	KEMET CAP CER 0.027U	4	NE	Consumable
021200-24344	8671-3 LEADING EDGE	1	NE	Consumable
NAS1611-153	O-RING- TCAS ANTENNA	1	NE	Consumable