

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES

2. **AUTHORIZED RELEASE CERTIFICATE**  
 FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 31611

4. Organization Name and Address: CAMTRONICS, LLC  
 122 W. Beechcraft Drive, Tulsa, OK 74132, Fax: 918/298-1060, 918/299-5148 (D8XR913Y)

5. Work Order/Contract/Invoice Number: 12570 / 111800

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	ADF ANTENNA	2041683-7507	1	7088	OVERHAULLED

12. Remarks: ADF ANTENNA was Overhauled I/A/V Manual # CAM-1712, Revision # E Revision Date 08/Oct/18  
 The work performed (see block 11) was accomplished IAW the noted / applicable CMM or other approved FAA data. The work order (see block 5) describing the work performed is of file # this repair station.

Certifies that the work specified in block 11 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 condition for safe operation.  
 Non-approved design data as 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 Sign (ature): [Signature]  
 13c. Approval/Authorization No.: D8XR913Y

14b. Authorized Signature: [Signature]  
 14c. Approval/Certificate No.: D8XR913Y

13d. Name (Typed or Printed): [Name]  
 13e. Date (dd/mm/yyyy): [Date]

14d. Name: (Typed or Printed) \*JACOB CURTIS  
 14e. Date (dd/mm/yyyy): 11/Oct/2019

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

# TEARDOWN REPORT

Page No. 1

**CAMTRONICS LLC**

122 W. Pecheoff Drive  
Tulsa, OK 74122  
Fax: 918/299-1060  
918/299-5148



FAA CRS No: D8XR913Y  
WORK ORDER: 155270-19

Customer: **BURRY O / BURWOOD AVIATION SUPPLIES**

Dept#: ANT

Location: 007

Cust RO#: 111800

Warranty Code: 00 / 0

Mfg: ALLIED

Tail:

Goodthru AD#:

Outgoing 2041683-75 / / ADF ANTENNA

S/N: 7088

Manual#: CAM-1712 RevDate: 08/Oct/2018 Rev#: E

Reason/Rm:

NO REASON GIVEN  
OVERHAUL QUOTE REQUIRED

Date Recvd: 16/Aug/2019 Date Recd: 10/Sep/2019 Date Estmtd: 10/Sep/2019

PRELIMINARY INSPECTION: DATE: 15/Aug/2019 INSPECTOR: \*NEILS CAMP

DIRTY & CORRODED  
BAD PAINT, NO SCREWS  
SEALANT IN MOUNTING HOLES

PRE TEST (Yes/No): Y DATE: 22/Aug/2019 TECH: \*Arturo Carreon

Unit failed functional testing IAW CAM-1712  
Unit failed phase tracking

HIDDEN DAMAGE:

TEARDOWN FINDINGS:

Initial: AC

- Unit was received in the following condition:
  - Dirty and worn
  - Bad paint
  - Sealant in and around mounting holes

Initial Testing: Failed AC

- Unit failed initial testing IAW CAM-1712
  - Failed phase tracking

Evaluation: AC

- Unit will require the following:
  - Cleaning and removal of sealant from unit
  - Opening unit up for AMP module inspection and repair
  - Body work, new paint, o-ring, and Mesh gasket



# TEARDOWN REPORT

**CAMTRONICS, LLC**

122 W. Beechcraft Drive  
Tulsa, OK 74132  
Fax: 918/298-1060  
918/299-5148



FAA CRS No: D8XR913Y  
WORK ORDER: 155270-19

Customer: BURPWO / BURWOOD AVIATION SUPPLIES

Dept#: ANT Location: 007

Cust RO#: 117000

Warranty Code: 00 / 0

Mfg: ALMED

Tail: S/N: 7088

Outgoing 201682-7507 / ADF ANTENNA

Goodthru AD#:

**TEARDOWN FINDINGS:**

\*\* Unit may require additional parts subsequent to repairs for final testing

**Corrective Action: AB/AC**

- Unit received the following repairs:
- Sealant removed and unit thoroughly cleaned
- Opened and repaired AMP
- Replaced corroded/damaged bushings
- Bodywork, new paint, fresh gasket and O-ring applied

Final Testing Passed: AC

- Unit passed final testing IAW CAM-1712 and is considered ready to be returned to service

Note: Connector receptacle has minor damage that was caused by corrosion. The corrosion was removed and the areas were treated. This will not affect the fit, form or function of the unit.

**MODIFICATION/SERVICE BULLETINS:**

None.

Final Inspection: \*JACOB CURTIS

DATE: 11/Oct/2019

**O/A PARTS DETAIL:**

Line#	Part Number/Description	W	CD	RmvCde	Qty	Serial Number
1	2N2222A TRANSISTOR (ALTERNATE)	N	NE		4.00	
2	CAM-1712-400 ANTENNA TRANSFORMER	N	NE		4.00	
3	CAM-1712-405 RIBBON CABLE ASSEMBLY	N	NE		1.00	
4	CAM-2041-601 ADF GASKET	N	NE	NEW	1.00	
5	MS28775-230 O RING FOR ANTENNA	N	NE		1.00	
6	U431					



# TEARDOWN REPORT

**CAMTRONICS, LLC**

122 W. Beechcraft Drive

Tulsa, OK 74132

Fax: 918/298-1060

918/299-5148



FAA CRS No: D8XR913Y

WORK ORDER: 155270-19

Customer: BURRWO / BURWOOD AVIATION SUPPLIES

Dept#:ANT

Location:007

Cust RO#: 11750

Warranty Code:00 / 0

Mfg: ADF

Tail:

Goodthru AD#:

Outgoing: 041683-7507 / ADF ANTENNA

S/N:7088

CHANNEL JFET DUAL	N NE	4.00
BER Charge is found to be BER: 500.00		

Burwood Aviation Corp

