

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

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

3. Form Tracking Number: 28773

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:
 150759, 1035

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number	11. Status/Work:
1	ADF ANTENNA	2041683-7507	1	575-31396	OVERHAULED

12. Remarks: **ADF ANTENNA was Overhauled I/AVW Manual # CAM-1712, Revision # E Revision Date 01/01/2018**
 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 on file at this repair station.

Certifies that the work specified in block 11 was carried out in accordance with EASA Part 45 and in respect to that work the component is considered ready for release to service under EASA Part 14. 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 specified in Block 12.

13a.1. 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.:
		<i>Jacob Curtis</i>	D8XR913Y

13d. Name (Typed or Printed):	14d. Name: (Typed or Printed)	14e. Date (dd/mm/yyyy):
	*JACOB CURTIS	24/Jan/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.

When 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 the user/installer's responsibility to ensure that his/her Airworthiness Authority accepts aircraft engine(s)/propeller(s)/article(s) from the Airworthiness Authority of the country specified in block 1, in accordance with additional regulations by the user/installer before the aircraft may be flown.

TEARDOWN REPORT

Page No. 1

CAMTRONICS, LLC
122 W. Beechcraft Drive
Tulsa, Ok 74137
Fax: 918/298-0060
918/299-514



FAA CRS No: D8XR913Y
WORK ORDER: 150939-18

Customer: OCEAN/OCEAN AIR INC

Dept#: ANT

Location: 007

Cust RO#: 10354

Warranty Code: 00 / 0

Mfg: ALLIED

Tail:

Goodthru AD#:

Outgoing 2041683 / 575 ADF ANTENNA

S/N: 575-31396

Manual#: CAM-1712	RevDate: 08/Oct/2018	Rev#: E
Reason/Rm: NO REASON GIVEN QUOTE FOR OH		
Date Recvd: 01/Nov/2018	Date Recrd: 25/Nov/2018	Date Estmtd: 25/Nov/2018
PRELIMINARY INSPECTION: DATE: 01/Nov/2018 INSPECTOR: *NEILS CAMP CONNECTOR CORRODED BAD PAINT NO SCREWS		
PRE TEST (Yes/No): Y	DATE: 07 Nov 2018	TECH: *Thomas Smith
Unit failed functional testing IAW CAM-1712		
HIDDEN DAMAGE:		
TEARDOWN FINDINGS: Initial: CWS - Unit has been received in the following condition: - Worn paint - Sealant on the mounting holes - Un-sealed weeping holes - Corrosion on shell connector Initial Testing: Failed - Unit failed initial testing IAW CAM-1712 Teardown: - Unit will receive the following: - Cleaning and removal of sealant from unit - Opening unit up for AMP Inspection and repair - Remove corrosion on shell connector		



TEARDOWN REPORT

CAMTRONICS, LLC

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



FAA CRS No: D8XR913Y
WORK ORDER: 150939-18

Customer: OCEANA / OCEAN AIR INC

Dept#:ANT Location:007

Cust PO: 103541

Warranty Code: 00 / 0

Mfg: ALLIED

Tail:
S/N: 575-31396

Outgoing: 20/2683-7507 / ADF ANTENNA

Goodthru AD#:

TEARDOWN FINDINGS:

- Bodywork, new paint, o-ring, and mesh gasket

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

Corrective Action:

- The following repairs were completed:
 - Removed sealant and thoroughly cleaned unit
 - Opened AMP housing for AMP inspection and repair
 - Repaired, verified repair and sealed AMP housing
 - Removed corrosion on connector receptacle, GND plane and treated with corrosion inhibitor
 - Installed new mesh gasket
 - Performed bodywork and applied new paint

Final Testing: Passed

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

MODIFICATION/SERVICE BULLETINS:

None.

Final Inspection: *JACOB CURTIS

DATE: 24/Jan/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	

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10:54:30

QUALITY-P

Labor Task Control#



TEARDOWN REPORT

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



FAA CRS No: D8XR913Y
WORK ORDER: 150939-18

Customer: OCEANA / OCEAN AIR INC

Dept#:ANT

Location:007

Cust Ref: 107544

Warranty Code: 00 / 0

Mfg Part: ADF

Tail:

Goodthru AD#:

Outgoing: 2041683-7507 / ADF ANTENNA

S/N: 575-31396

3	CA-1712-405			
	RESONANCE CABLE ASSEMBLY	N NE		1.00
4	CA-2041-001			
	ADF GASKET	N NE	MISSIN	1.00
5	MS28775-250			
	O RING FOR ANTENNA	N NE		1.00
6	U431			
	N-CHANNEL JUNCTION	N NE		4.00
BER Charge if unit is found to be BER:				200.00



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