

1. Approving Civil Aviation Authority/Country:
FAA/United States

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
1120-002

5. Work Order/Order Number:
CO-07032

19810 N. 7th Ave.
Phoenix, AZ 85027
PAH # PT1571NM

4. Organization Name and Address:
Aviation Communication & Surveillance Systems

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	TCAS DIRECTIONAL ANTENNA/ADAPTER ASSY	7514081-901	1	ANE54412	NEW

12. Remarks:
Airworthiness Approval
Drawing: 7514081, Rev W
TSO AUTHORIZATION: C119a

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.

13b. 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:
[Signature]
13c. Approval/Authorization No.:
PT-1571NM

14b. Authorized Signature:
[Signature]
14c. Date (dd/mm/yyyy):
11 Jul 2018

User/Installer Responsibilities

13d. Name (Typed or Printed):
Elizabeth Boyle
13e. Date (dd/mm/yyyy):
11 Jul 2018

14d. Name (Typed or Printed):

14e. Date (dd/mm/yyyy):

It is the responsibility of the user/installer and not 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) from the airworthiness authority of the country specified in Block 1.



Aviation Communications & Surveillance Systems
 Completed Traveler
 Work Order ID: WO-254390\1



Work Order ID	Part ID	Description	Trace ID	RI Date	Qty	Drawing ID/Build Rev
WO-254390/1/0/0	7514081-901	TCAS DIRECTIONAL ANTENNA/ADAPTER ASSY	ANE54412	7/7/2018	1	7514081/W



HDW MOD: -

WORK ORDER STATUS

Seq#	Shop Resources	Instructions	Operation Status	Completed By	Date
10	ANT-FINALASSY 40	ASSEMBLE PER METHOD SHEET 7514060-701	TCAS DIRECTIONAL 1	C 476241: ASHLEY TRANG ANE54412	7/9/2018 100.00

NCM STATUS

Part ID	Part Desc.	Serial No.	NCM ID	Disposition Type	NCM Status
7514081-901	TCAS DIRECTIONAL A	ANE54412	NONE		
7514060-701	TCAS DIRECTIONAL A	ANE54412	NONE		

Aviation Copy

FINAL INSPECTION COMPLETED BY: _____



Monday, July 9, 2018



Aviation Communications & Surveillance Systems
 Completed Traveler
 Work Order ID: WO-250554\1



Work Order ID	Part ID	Description	Trace ID	RI's Date	Qty	Drawing ID/Build Rev
WO-250554\1\0\0	7514060-701	TCAS DIRECTIONAL ANTENNA	ANE54412	4/9/2018	1	7514060/AP



WORK ORDER STATUS

Seq#	Shop Resource	Instructions	Operation Status	Completed By	Date	
	Piece No	Part ID	Part Desc	Req. Qty.	Trace ID	% Complete
10	ANT-ASSY1	ASSEMBLY		C	10059323: GONZALES FIDELIA	5/16/2018
	80	7514060-701	CCA - BEAM FORMIN	1	0FR76-00160727	100.00
15	ANT-ASSY1 IPI	PE (FORM IN PROCESS INSPECTION		C	10065697: PODBIELSKI EVA	5/17/2018
30	ANT-PRETEST	PRE-TEST		C	379211: EDCITYTY BROOKS	5/18/2018
31	ANT-DISASSEMBLE	DISASSEMBLE RADOME / BACKING PLATE ASSY		C	10065697: PODBIELSKI EVA	5/21/2018
32	ANT-PSPREP1	CLEAN SURFACES OF RADOME AND BACKING PLATE		C	10065697: PODBIELSKI EVA	5/21/2018
33	ANT-PROSEAL1	PRO-SEAL RADOME		C	476241: ASHLEY TRANG	5/24/2018
34	ANT-PSMATE1	MATE RADOME TO BACKING PLATE		C	10059323: GONZALES FIDELIA	5/24/2018
36	ANT-RMVTEMPHW	REMOVE TEMPORARY HARDWARE AFTER PRO-SEAL 1 55 HOUR CURE		C	10059323: GONZALES FIDELIA	5/30/2018
37	ANT-ASSY2	RESOLDER CONTACTS FROM CCA TO RADOME POSTS		C	10059323: GONZALES FIDELIA	5/30/2018
38	ANT-ASSY2 IPI	IN PROCESS INSPECTION - ANT ASSEMBLY 2		C	10065697: PODBIELSKI EVA	5/30/2018
40	ANT-CONATHANE	CONATHANE		C	10065697: PODBIELSKI EVA	5/31/2018
45	ANT-IPI CON	IPI CONATHANE SOLDER CONNECTIONS		C	476241: ASHLEY TRANG	6/5/2018
48	ANT-PROSEALPREP	PREPARE ANTENNA FOR PRO-SEAL 2		C	476241: ASHLEY TRANG	6/5/2018
51	ANT-PROSEAL2	APPLY PROSEAL BETWEEN RADOME ASSEMBLY AND ADAPTOR PLATE		C	476241: ASHLEY TRANG	6/5/2018
61	ANT-PROSEALMAT	MATE RADOME ASSEMBLY TO ADAPTOR PLATE		C	10059323: GONZALES FIDELIA	6/5/2018
65	ANT-PROSEALCLN	REMOVE WET EXCESS PROSEAL		C	10065697: PODBIELSKI EVA	6/5/2018
70	ANT-PROSEALCLND	VERIFY PROSEAL IS CURED. CLEAN EXCESS. SEND TO PAINT.		C	10065697: PODBIELSKI EVA	6/8/2018
80	ANT-VCNPAINT	RECEIVE FROM PAINT. PERFORM TQC INSPECTION.		C	476241: ASHLEY TRANG	6/25/2018
85	ANT-COLORBAND	COLORBAND ANTENNA CONNECTORS		C	476241: ASHLEY TRANG	6/25/2018



FINAL INSPECTION COMPLETED BY: _____

Thursday, June 28, 2018



Aviation Communications & Surveillance Systems
Completed Traveler
Work Order ID: WO-250554\1



90 INT-FINALTEST FINAL TEST C 480510: ONG WILLIAM 6/28/2018

NCM STATUS

<u>Part No.</u>	<u>Part Desc.</u>	<u>Serial No.</u>	<u>NCM ID</u>	<u>Disposition Type</u>	<u>NCM Status</u>
7514060-01	TCAS DIRECTIONAL A	ANE54412	NONE		
7514074-911	CCA - BEAM FORMING	OFR76-00160727	NONE		

FINAL INSPECTION COMPLETED BY: _____



Thursday, June 28, 2018

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