

Collins

**PAL**

PRECISION AVIONICS & INSTRUMENTS

Atlanta ~ 404-767-5800 Fax: 404-767-5900

FAA Repair Station # ZV4R714M

A **PAG** Company [www.precisionavionics.com](http://www.precisionavionics.com)

**TRANSPONDER, ATC**

FCC DATA  
TDR-90

TYPE NO. TDR-90

TSO C74c, CL 1A

DO-138 ENV CAT. /AD/A/<sup>JN</sup><sub>G</sub>/AAAEXXXX

MOD (1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

WT 3.5 LB

S/N 20706

COLLINS PN 622-1270- 001

Collins Avionics Divisions/Rockwell International  
Cedar Rapids, IA 52406 USA/Mfd Melbourne, FL



1. Approving National Aviation Authority/Country:  
**FAA/UNITED STATES**

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

3. Form Tracking Number:  
**CBP-019932 R615**

4. Organization Name and Address:  
**PRECISION AVIATION GROUP, INC.  
d/b/a PRECISION ACCESSORIES & INSTRUMENTS  
495 LAKE MIRROR ROAD BLDG. 800  
ATLANTA, GA 30349  
UNITED STATES**

FAA Certificate : ZV4R714M

2019

5. Work Order/Contract/Invoice Number:  
**3010496**

| 6. Item: | 7. Description: | 8. Part Number:        | 9. Eligibility: * | 10. Quantity: | 11. Serial/Batch Number: | 12. Status/Work: |
|----------|-----------------|------------------------|-------------------|---------------|--------------------------|------------------|
| 1        | TRANSPONDER     | 622-1270-001<br>TDR-90 | N/A               | 1<br>EA       | 20706                    | REPAIRED         |

13. Remarks: Referencing manual No. 523-0765128 34-50-90 Revision: 1 Revision Date: NOV 12 1997  
COMPLIED WITH F.A.R 91-413 APPENDIX F PART 43

Certifies work specified in Blocks 12/13 was carried out in accordance with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number EASA 145.5051.

14. 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 13.

19.  14 CFR 43.9 Return to Service  Other regulations specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.

|                             |                                 |   |  |
|-----------------------------|---------------------------------|---|--|
| 15. Authorized Signature:   | 16. Approval/Authorization No.: | 20. Authorized Signature:<br><i>Frank R. Emerson</i>    | 21. Approval/Certificate No.:<br><b>ZV4R714M</b> |
| 17. Name (Type or Printed): | 18. Date (m d y):               | 22. Name (Typed or Printed):<br><b>FRANK R. EMERSON</b> | 23. Date (m d y):<br><b>Sep 24 2012</b>          |

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. 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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 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.

\*Installer must cross-check eligibility with applicable technical data.

NSN: 0052-00-012-9005