

Honeywell Intl. Inc.

RNZ-851C

SN 99093931

NAVIGATION UNIT

WT 9.4 LB

PART NO. 7510100-634

FCC ID: GB84DVRNZ-850A

TSO-C34d CLASS D, C35d CLASS A, C36d, C40b,

DO-160B ENV. CAT 1/A2E 1/B1/LMY/E 1XXXXXZ/BZ/AZZ

21111 N. 19th Ave PHX, AZ.

1. Approving Civil Aviation Authority/Country FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: CTUZA0001001001
---	---	--

4. Organization Name and Address: Duncan Aviation/3701 Aviation Road/Lincoln, NE 68524 JGVR194F	5. Work Order/Contract/Invoice Number: CTUZA
---	--

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number	11. Status/Work:
1	INTEGRATED NAV UNIT	7510100-634	1	99093931	Repaired

12. Remarks:

Discrepancy: Comply with AD.

Preliminary Findings: Bench checked, inspected and found unit needs Honeywell Service bulletins 7510100-34-A0034 (RNZ-85X Mod AP), 7510100-34-0037 (RNZ-85X Mod AS), 7510134-34-A0016 (NV-850 Mod P), 7510134-34-0018 (NV-850 Mod T), 7510134-34-A0017 (NV-850 P/N change), and 7510100-34-A0035 (RNZ P/N change) in order to comply with AD 2010-07-02.

Corrective Action: Performed work per service bulletins 7510100-34-A0034, dated 28 February 2003; 7510100-34-0037, dated 8 July 2004; 7510134-34-A0016, Revision 1, Dated 4 March 2003; 7510134-34-0018, dated 8 July 2004. Replaced mod labels in accordance with SB 7510100-34-A0035, dated 11 July 2003; and 7510134-34-A0017, dated 11 July 2003. Inspected and function tested per HONEYWELL Integrated Navigation Unit RNZ-850() Component Maintenance Manual with Illustrated Parts List, Revision 8, dated 12/14/2016. Unit complies with AD 2010-07-02, effective date May 3, 2010. No recurring action required.

Unit part number has been changed from 7510100-834 to 7510100-634, and NAV module P/N changed from 7510134-831 to 7510134-631. This unit has been marked IAW Duncan Aviation Process AVI-0501.

Certifies that the work performed in block 11/12 was carried out in accordance with EASA Part 145 and, in respect to that work, the component part is considered approved for return to service under EASA Part 145 approval no. EASA.145.4392 All U.S. Airworthiness Directives have been met.
All EASA/FAA Airworthiness Directives are the responsibility of the installer.
All current EASA AD's have been researched, none apply.

This document constitutes a signed copy of the work order
Approval for return to service
See attached parts list

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations 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: <i>Andrew Berg</i> DUNCAN OI 1454	14c. Approval/Certificate No.: JGVR194F
13d. Name (Type or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Type or Printed): Andrew Berg	14e. Date (dd/mm/yyyy): 15 Jan 2026

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.

Statements 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.