

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

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

3. Form Tracking Number:  
20230013959608Y15  
348627006

4. Organization Name and Address: Honeywell International Inc.  
23500 W 105th Street  
Olathe KS 66061

Repair Station  
PR2R093L

5. Work Order/Contract/Invoice Number:  
R418790  
348455502  
Page 1 of 1

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	OUTLINE ASSEMBLY MULTI-MODE RECEIVER, RM	066-50029-1201	1	RMA55B-04191	REPAIRED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:  
CMM 34-55-51 Rev 6, MAY/07/2020

THIS DOCUMENT HAS BEEN ISSUED ACCORDING TO AN APPROVED COMPUTER  
GENERATED SIGNATURE PROCEDURE

MODS: 1-8

SW VERS: NA

SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED  
CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 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 NO. EASA 145.4140

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.	13b. Authorized Signature:	13c. Approval/Authorization No.:	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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.	14b. Authorized Signature: <i>Carol Barreras</i>	14c. Approval/Certificate No.: <b>PR2R093L</b>
13d. Name (Typed or Printed):	13e. Date(dd/mm/yyyy):	14d. Name (Typed or Printed): <b>Carol Barreras</b>	14e. Date(dd/mm/yyyy): <b>30/NOV/2023</b>		

**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.

FAA FORM 8130 - 3 (02-14)

**SERVICE REPORT**  
**AJW AVIATION LTD**

<b>SR NUMBER: 5018021177</b>		<b>348627006</b>	<b>FAA:</b> PR2R093L	<b>EASA:</b> EASA.145.4140
<b>PO:</b> R418790	<b>CUSTOMER PART NUMBER:</b>		<b>CONTRACT NUMBER:</b> 440098719	
<b>DATE REJECTED:</b> 18 OCT 2023	<b>DATE RECEIVED:</b> 24 OCT 2023		<b>DATE COMPLETED:</b> 30 NOV 2023	
<b>A/C TYPE:</b> EMB175-200LR	<b>A/C TAIL NUMBER:</b> TC-SEI		<b>A/C SERIAL NUMBER:</b> UNK	
<b>PACKING STATUS:</b> No	<b>SEALS INTACT:</b> Intact		<b>PHYSICAL DAMAGE:</b> No	
<b>REASON FOR REMOVAL:</b> GPS UNSERVICEABLE NOW AND THEN				
<b>PART NUMBER</b>	<b>AS RECEIVED:</b> 066-50029-1201	<b>AS RELEASED:</b> 066-50029-1201		
<b>DESCRIPTION:</b>	OUTLINE ASSEMBLY MULTI-MODE RECEIVER,	OUTLINE ASSEMBLY MULTI-MODE RECEIVER,		
<b>SERIAL NUMBER</b>	RMA55B-04191	RMA55B-04191		
<b>UID(MFR/SPL PNO SER/UCN)</b>	97896 RMA55B-04191	97896 RMA55B-04191		
<b>HW MOD STATUS:</b>	1-8	1-8		
<b>SW MOD STATUS:</b>	01/02	01/02		
<b>SOFTWARE LOAD:</b>	NA	NA		
<b>REASON FOR REMOVAL CONFIRMED:</b> Rejection Confirmed		<b>ESTIMATE SUPPLIED:</b> Yes		
<b>PRIMARY SHOP FINDING:</b> Hardware Fault Found		<b>WARRANTY:</b> Warranty Denied		
<b>TYPE OF SERVICE:</b> REPAIRED		<b>TECHNICIAN:</b> Curtis Walker		
<b>MAINTENANCE STATEMENT:</b> PAGE DETAILING WORK PERFORMED, ALONG WITH MATERIALS USED, IS ATTACHED IN PAGE 2.				
<b>SIGNATURE BELOW REQUIRED ONLY WHEN RETURN TO SERVICE IS NOT ISSUED:    DATE:</b> _____				
<b>SIGNATURE OF AUTHORIZED PERSON:</b> _____				
<b>Complied With</b> CMM/Eng Documentation: 34-55-51/Rev 6/Rev Date 07 MAY 2020; Service Bulletins: Customer Manuals/Documentation:				
SHOULD YOU REQUIRE ANY FURTHER INFORMATION REGARDING THIS SERVICE REPORT, OR HAVE ANY QUESTIONS, PLEASE CONTACT OUR CUSTOMER RESPONSE CENTER AT 1-800-601-3099 OR VISIT OUR CUSTOMER PORTAL AT <a href="http://www.MyAerospace.com">www.MyAerospace.com</a> TO SUBMIT AN INQUIRY.				



## SERVICE REPORT

AJW AVIATION LTD

<b>SR NUMBER: 5018021177</b>		<b>FAA:</b> PR2R093L	<b>EASA:</b> EASA.145.4140
<b>PO:</b> R418790	<b>CUSTOMER PART NUMBER:</b>	<b>CONTRACT NUMBER:</b> 440098719	

<p><b>Previously Complied With</b> CMM/Eng Documentation: Service Bulletins: RMA-55B-34-0014/Rev 1/Rev Date 08/05/2014; RMA-55B-34-05/Rev 01/Rev Date 12/12/2002; RMA-55B-34-08/Rev 3/Rev Date 03/06/2019; RMA-55B-34-09/Rev 00/Rev Date 11/28/2005; RMA-55B-34-1/Rev 0/Rev Date 10/01/1998; RMA-55B-34-10/Rev 0/Rev Date 06/22/2009; RMA-55B-34-11/Rev 00/Rev Date 08/12/2011; RMA-55B-34-2/Rev 0/Rev Date 11/12/1999; RMA-55B-34-3/Rev 00/Rev Date 07/19/2000; Customer Manuals/Documentation:</p>								
<p><b>Evaluation Findings</b> Np checksum fault. Flash LRU software. GNSS faults 2025 and 2029 stored in memory. Customer states GNSS intermittent. Will replace GNSS module to ensure proper function.</p>								
<p><b>Work performed / Comments to Customer</b> Installed inspected GNSS module to correct GNSS related LRU test failures. Loaded LRU Software Mod 01/02 to address stored Np fault. LRU now passes all Return to Service tests. Product repaired and tested per shop standard to ensure proper functionality, reliability, and airworthiness. All equipment calibration dates confirmed to be current at the time of repair and testing.</p>								
DISPOSITION	REF DSG	P/N Installed	S/N Installed	P/N Removed	S/N Removed	Qty	Primary Failure	SB
Exchange	GNSS MODULE	722-4374-002	10024629	722-4374-002	05061485	1		
CUSTOMER STATES INTERMITTENT GPS FUNC								