1. Approving Civil Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	20190007193062Y15 336918014

4. Organization Name and Address:		5. Work Order/Contract/Invoice Number:
Honeywell International Inc 4150 Lind Avenue SW RENTON WA 98057	Repair Station RN3R821L	9344950 336880460 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	HF AUDIO	964-0452-011	1	04598	REPAIRED

12. Remarks:

DBA HONEYWELL.

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:

CMM 23-12-01 Rev 5, AUG/15/2016

SB 964-0452-23-0046 Rev 0, FEB/19/2019

UNIT ALSO MODIFIED

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 145.4534

13a. Certifies the items identified above were manufactured in conformity to:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 12	
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data 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: James W. Hibbitts Jr.	14c. Approval/Certificate No.: **RN3R821L**
13d. Name (Typed or Printed):	13e. Date(dd/mmm/yyyy):	14d. Name (Typed or Printed): **James Hibbitts**	14e. Date(dd/mmm/yyyy): **03/OCT/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. 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 Block1, 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 Block1. 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.

Honeywell

Seattle - CS ERB & R&O
Honeywell International Inc
4150 Lind Avenue SW
RENTON WA 98057

800-601-3099 (T) 602-822-9194 (F)

SERVICE REPORT

HAT - Phoenix

SR NUMBER: 5013941033 336918014		FAA: RN3R821L	EASA: 145.4534
PO: 9344950	CUSTOMER PART NUMBER:	CONTRACT NUMBER:	
DATE REJECTED: 31 JUL 2019	DATE RECEIVED: 31 JUL 2019	DATE COMPLETED: 03 OCT 2019	
A/C TYPE: UNK	A/C TAIL NUMBER:	A/C SERIAL NUMBER:	
PACKING STATUS: No	SEALS INTACT: Intact	PHYSICAL DAMAGE: No	

REASON FOR REMOVAL:
THIS IS ZRIT INTERNAL REPAIR ORDER # REPAIR & RELEASE WITH FAA & EASA RELEASE TAG & REPAIR REPORT. COMPLY WITH SPOC008 Note: NO conversion/exchange prior to Maureen Koh approval. CONTACT MAUREEN KOH FOR ANY QUESTIONS.

	AS RECEIVED:	AS RELEASED:
PART NUMBER	964-0452-011	964-0452-011
DESCRIPTION:	HF AUDIO	HF AUDIO
SERIAL NUMBER	04598	04598
UID(MFR/SPL PNO SER/UCN)		
HW MOD STATUS:	16-22,24-26,29,30,32-44,46,47,49	As Received plus 52
SW MOD STATUS:	N/A	None
SOFTWARE LOAD:	02.60	02.60

REASON FOR REMOVAL CONFIRMED: Rejection Confirmed | **ESTIMATE SUPPLIED:** No

PRIMARY SHOP FINDING: Hardware Fault Found | **WARRANTY:**

TYPE OF SERVICE: REPAIRED/Modified | **TECHNICIAN:** Sang-Bum Kim

MAINTENANCE STATEMENT:
PAGE DETAILING WORK PERFORMED, ALONG WITH MATERIALS USED, IS ATTACHED IN PAGE 2.

SIGNATURE BELOW REQUIRED ONLY WHEN RETURN TO SERVICE IS NOT ISSUED: **DATE:**_____

SIGNATURE OF AUTHORIZED PERSON:_____

Complied With
CMM/Eng Documentation: 23-12-01/Rev 5/Rev Date 15 AUG 2016;
Service Bulletins: 964-0452-23-0046/Rev 0/Rev Date 19 FEB 2019;
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 www.MyAerospace.com TO SUBMIT AN INQUIRY.

Honeywell

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4150 Lind Avenue SW
RENTON WA 98057

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SERVICE REPORT

HAT - Phoenix

SR NUMBER: 5013941033		FAA: RN3R821L	EASA: 145.4534
PO: 9344950	CUSTOMER PART NUMBER:	CONTRACT NUMBER:	

Previously Complied With

CMM/Eng Documentation:

Service Bulletins:

Customer Manuals/Documentation:

Evaluation Findings

Reason for Return:
This is ZRIT internal repair order. Repair and release with FAA & EASA release tag & repair report. comply with SPOC 008.
Shop Findingt:
Self-test:Failed-NOGO-RXTX REC, LRU FAIL light on. Flight History-unused. Incoming ATP test: Transmit and Receive tests are failed.
Find Power Amplifier is defective.
Shop Action:
Replace the Power Amplifier. Replacement power Amplifier will incorporates HW Mod 52 per 964-0452-23-0046. Marked SB Mod 52 into unit.

Work performed / Comments to Customer

Passed functional test. Test equipment calibration dates checked and unit final tested by SangBum Kim on 10/3/2019.

This component is airworthy with respect to the work performed.

DISPOSITION	REF DSG	P/N Installed	S/N Installed	P/N Removed	S/N Removed	Qty	Primary Failure	SB
Exchange	F1 70	300-1100-006	104660	300-1100-003	103332	1		964-0452-23-0046

REPLACED FAILED POWER AMPLIFIER TO CORRECT UNIT FROM NOT TRANSMITING AND RECEIVING. NEW POWER AMPLIFIER CONTAINS SB 964-0452-23-0046, HW MOD 52 WILL BE MARKED ON UNIT.

MEASUREMENT DESCRIPTION	MEAS. VALUE (DECIMAL)	MEAS. VALUE (HH:MM)
Time Since Repair		0:00
Cycles Since Repair		