



1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 20230013945483Y15 348200278	
4. Organization Name and Address: Honeywell International Inc 21111 N 19th Avenue Phoenix AZ 85027		Repair Station HQ7R766N		5. Work Order/Contract/Invoice Number: R416863 348153345 Page 1 of 1	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	AIR DATA MODULE	PG1152BC02	1	0610E571	REPAIRED
12. Remarks: THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH: CMM 34-11-23 Rev 3, SEP/23/2020 ORI EP00633 Rev A, SEP/15/2015 THIS ADM HAS BEEN TESTED AND INSPECTED IN ACCORDANCE TO ATA 34-11-23: -2,000 TO +55,000 FEET. MODS: A, B, C, D SERIES/ISSUE/AMDTs: NONE SW VERS: NH5666AA04					
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 145.4539					
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.		14a. ☒ 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:		14b. Authorized Signature: 		14c. Approval/Certificate No.: HQ7R766N	
13d. Name (Typed or Printed):		14d. Name (Typed or Printed): Shaun Martinez		14e. Date(dd/mm/yyyy): 28/NOV/2023	
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)					

*** ATP Results ***



MFG: Honeywell Int.
P/N: PG11528C02
S/N: 0610E571
Model Date: 2023-11-22
ATP Run #: 193432
ATP Completion Date: 2023-11-27
ATP TEST SPECIFICATION: ATP5640-01
FLIGHT SOFTWARE / OFP: NH5666AA04
COEFFICIENT SOFTWARE: PS4084058-101
TEST STATION SOFTWARE: AT1903255-101
TEST STATION: das002 POSITION: F4 S5

PROFILE: ATP_1152

REV: E

REV: -

REV: M

Environmental Stress Screening:

Product Passes ATP Accuracy Tests

FINAL ATP ACCEPTED BY HS32761



ACCEPT ☒ YES / NO (circle one)

ACCEPT ☒ YES / NO (circle one)



TEST	TEMPERATURES (deg C)			SECTION
	-55.0	85.0	25.0	
Discrete Input Tests	PASS	PASS	PASS	3.3.3.2.1
Communication Tests	PASS	PASS	PASS	3.3.3.2.2
Discrete Output Test	PASS	PASS	PASS	3.3.3.2.3
Leak Test	PASS	PASS	PASS	3.3.3.2.4
Press Test Points	PASS	PASS	PASS	3.3.3.2.5
Voltage Variation	PASS	PASS	PASS	3.3.3.2.8
Press Noise Test	PASS	PASS	PASS	3.3.3.2.9

PRESSURE	ACCURACIES (inHg) - SENSOR 1		
	-55.0	85.0	25.0
3.10238	0.00101	0.00286	0.00101
8.86036	0.00020	0.00273	0.00112
14.76625	0.00003	0.00257	0.00072
19.19524	-0.00018	0.00167	0.00028
23.62513	-0.00129	0.00309	0.00101
26.57824	-0.00073	0.00365	0.00065
29.53127	-0.00101	0.00015	-0.00124
32.48420	-0.00165	0.00251	0.00066
36.91318	-0.00255	0.00207	-0.00001
41.19517	-0.00202	0.00213	0.00052

RESULTS: ATP[PASS] VIB[PASS] BURN-IN[PASS]

Characterization Passes:

ACCEPT ☒ YES NO (circle one)



SERVICE REPORT

AJW AVIATION LTD

602-436-2311 (T)

SR NUMBER: 5017868048	FAA: HQ7R766N	EASA: 145.4539
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PO: R416863	CUSTOMER PART NUMBER:	CONTRACT NUMBER: 440111087
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Completed and passed Final Test IAW
-CMM 34-11-23 Rev. 3 Sep 23, 2020
-ORI EP00633 Rev. A Sep 15, 2015 run #193432.

11/27/2023 15:10:58 Luis Pazdiaz (H532761)
Assembly
*Final TQC as required
*Clean up as needed
*Touch up as necessary
*Check covers screws 2.0 IN/LBS
*Check connector Screws 7.0 to 8.0 IN/ LBS
*Check pressure fitting for Torque 40 IN/LB
*Verify S/N of unit matches with ATP sheet
*Package

11/28/2023 13:41:17 Shaun Martinez (H401090)
FINAL INSPECTION COMPLETED.

DISPOSITION	REF DSG	P/N Installed	S/N Installed	P/N Removed	S/N Removed	Qty	Primary Failure	SB
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SERVICE REPORT

AJW AVIATION LTD

602-436-2311 (T)

SR NUMBER: 5017868048		FAA: HQ7R766N	EASA: 145.4539
PO: R416863	CUSTOMER PART NUMBER:	CONTRACT NUMBER: 440111087	

Previously Complied With

CMM/Eng Documentation:

Service Bulletins:

Customer Manuals/Documentation:

Evaluation Findings

Failed at Incoming inspection, blinking fault indication, low current detected on power on. Damaged sensor found during internal visual inspection. Replace PS sensor ADP CCA for repair.

Work performed / Comments to Customer

09/14/2023 12:58:57 Luis Pazdiaz (H532761)

PRELIMINARY INSPECTION COMPLETED.

09/14/2023 14:14:17 Luis Pazdiaz (H532761)

Failed at Incoming inspection, blinking fault indication, low current detected on power on. Conduct internal visual inspection of sensor for damage.

09/18/2023 12:45:03 Luis Pazdiaz (H532761)

Damaged sensor found during internal visual inspection. Replace PS sensor PN 1902190-446 SN 88700 on ADP CCA for repair.

11/14/2023 20:50:41 Cindy Pham (E156129)

Removed and replaced sensor P/N 1902190-446 with new S/N 631991. Ready for Burn in

11/18/2023 19:48:52 Cindy Pham (E156129)

Completed 72 Hrs Burn in. Coating .ASSY close up. Ready for Test

11/22/2023 15:02:16 Luis Pazdiaz (H532761)

Completed and passed at CHAR, Run #193331. Route to VIBE.

11/22/2023 15:43:36 Luis Pazdiaz (H532761)

Completed and passed at VIBE, Run #193371. Route to T/C.

11/24/2023 14:51:24 Dwayne Bitsillii (E718684)

Completed and passed TC run #193376. Route to Final Test.

11/27/2023 15:10:37 Luis Pazdiaz (H532761)

SERVICE REPORT

AJW AVIATION LTD

602-436-2311 (T)

SR NUMBER: 5017868048		348200278	FAA: HQ7R766N	EASA: 145.4539
PO: R416863	CUSTOMER PART NUMBER:		CONTRACT NUMBER: 440111087	
DATE REJECTED: 07 SEP 2023	DATE RECEIVED: 13 SEP 2023		DATE COMPLETED:	
A/C TYPE: UNK	A/C TAIL NUMBER:		A/C SERIAL NUMBER: STOCK	
PACKING STATUS: No	SEALS INTACT: Intact		PHYSICAL DAMAGE: No	

REASON FOR REMOVAL:
REPAIR UNDER FP CONTRACT CW2655877

PART NUMBER	AS RECEIVED: PG1152BC02	AS RELEASED: PG1152BC02
DESCRIPTION:	AIR DATA MODULE	AIR DATA MODULE
SERIAL NUMBER	0610E571	0610E571
UID(MFR/SPL PNO SER/UCN)		
HW MOD STATUS:	A,B,C,D	A,B,C,D
SW MOD STATUS:	NONE	NONE
SOFTWARE LOAD:	NH5666AA04	NH5666AA04
REASON FOR REMOVAL CONFIRMED: Rejection Confirmed		ESTIMATE SUPPLIED: Yes
PRIMARY SHOP FINDING: Hardware Fault Found		WARRANTY:
TYPE OF SERVICE: REPAIRED		TECHNICIAN: Dwayne Bitsillii

MAINTENANCE STATEMENT:
PAGES DETAILING WORK PERFORMED, ALONG WITH MATERIALS USED, ARE ATTACHED IN PAGES 2 THROUGH 3

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

SIGNATURE OF AUTHORIZED PERSON: _____

Complied With
CMM/Eng Documentation: EP00633/Rev A/Rev Date 15 SEP 2015; 34-11-23/Rev 3/Rev Date 23 SEP 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 www.MyAerospace.com TO SUBMIT AN INQUIRY.