



1. Approving Civil Aviation Authority/Country: FAA/United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 20230013829924Y15 348501670
4. Organization Name and Address: Honeywell International Inc 1944 E Sky Harbor Circle PHOENIX AZ 85034	Repair Station ZN3R030M	5. Work Order/Contract/Invoice Number: U17754 348457191 Page 1 of 1
6. Item: 001	7. Description: OUTLINE, DATA MEMORY MODULE	8. Part Number: 3876287-1
	9. Quantity: 1	10. Serial Number: GE809
		11. Status / Work: INSPECTED

12. Remarks:

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
CMM 49-60-65 Rev 3, JAN/30/2020
"Part was visually Inspected and Bench Tested"

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 145.4136

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: <i>Mark Simons</i>
13c. Approval/Authorization No.:	14c. Approval/Certificate No.: ZN3R030M
13d. Name (Typed or Printed):	14d. Name (Typed or Printed): Mark Simons
13e. Date(dd/mm/yyyy):	14e. Date(dd/mm/yyyy): 07/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.



Commercial

Phoenix - Sky Harbor
Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034
Date:06 NOV 2023

Repair Station # ZN3R030M

Initial Findings Report

Repair Order: 2023-348457191-001
348501670

Customer: 300002 AJW AVIATION LTD

Customer P/O: U17754

Part Number: 3876287-1

Orig Cust:

Part Desc: OUTLINE, DATA MEMORY
MODULE

Serial No: GE809

Mods:

Series/Issue/Amdts: 1

Quantity: 1

Aircraft tail#: PK-CMK

Model #: APU 131

TIMES/CYCLES

Time Since New:

Time Since Overhaul:

Time Since Repair:

Time Since Installation:

Aircraft S/N#: UNK

Engine S/N:

HH.DD (HH:MM)

Date on:

Received Date: 24 OCT 2023

Date off:

Alternate S/N:

Cycles Since New:

Cycles Since Overhaul:

Cycles Since Repair:

Cycles Since Installation:

CUSTOMER REASON FOR RETURN

PLEASE QUOTE TO TEST AND RECERTIFY. PLEASE QUOTE TO REPAIR IF IT
FAILS TEST.

REMOVED IN SERVICEABLE CONDITION FROM AJW STOCK

GENERAL CONDITION AS RECEIVED (HIDDEN DAMAGE)

Condition Received Text

Dirty, paint chipped on cover & housing, corroded mounting
flanges.

Reason for return code

INTERNAL FAILURE

Removal Type

Unscheduled

DETAIL DISASSEMBLY / EVALUATION FINDINGS

Failure Description:

Unit passed incoming test.

Findings:

No fault found.

Related Area:

Non-conformance: NONE / NO FAULT FOUND (NFF)

Recurrent Failure: No

Failed Part

Part Name

Condition:

Primary Failure

SERVICE BULLETINS / AUTHORIZING DOCUMENTS

Authorizing Technical Document

Complied With:

Doc#: CMM 49-60-65 Rev: 3 Date: 01/30/2020

WORK PERFORMED / COMMENTS TO CUSTOMER

Workscope Performed / Summary of Actions Taken

Inspected, painted, tested & recertified unit for return to service.

Action Taken Code

Inspected

Customer Confirmed Removal Reason:

Yes

Evaluation Type

Evaluated - No Fault Found



Honeywell

COMPONENT MAINTENANCE MANUAL 3876287

- 2 The message "PATTERN TEST: PASS" will be printed if the test is satisfactory. If a failure occurs, the message "PATTERN TEST: FAIL" will be printed.
 - 3 If unit fails test, replace PC Board assembly (refer to DISASSEMBLY section for removal and ASSEMBLY section for installation).
- (d) Formatted print test.
- 1 The ASCII labels write test described in Step 3.C.(2)(b) will be printed to verify the total labels. Printed labels sequence will be as follows:

Total Labels	64
Test Label No. 1	FFFF
Test Label No. 2	FFFF
Test Label No. 3	FFFF
through No. 63	FFFF

E. Chassis Ground

- (1) Set the test fixture power switch and power supply PS1, PS2 (4, 5) to off.
- (2) Disconnect the DMM from the test cables.
- (3) Use a Multimeter to measure the resistance between the data memory module chassis and Pin 4. Resistance must not be more than 0.025 ohm.
NOTE: Make sure the Multimeter lead resistance is not included in the resistance value.
- (4) If unit fails test, replace PC Board assembly (refer to DISASSEMBLY section for removal and ASSEMBLY section for installation).

Table 1002. SAMPLE TEST DATA SHEET

PN 3876287-1 S/N GE809 Date 11/6/2023

Technician H498541

TEST	VOLTAGE (DVM 2) (VDC)	
	Required	Actual
Nominal Voltage	27 to 29	28
Memory Storage Retention	Accept	Reject
Wrap Around Test	✓	
ASCII Labels Write Test	✓	
Pattern Test	✓	
Formatted Print Test	✓	
TEST	Required	Actual

EFFECTIVITY

ALL

49-60-65

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Page 1010
30 Jan 2020



COMPONENT MAINTENANCE MANUAL 3876287

Table 1002. SAMPLE TEST DATA SHEET (Cont)

High Voltage	32 to 32.5	32.2
Memory Storage Retention	Accept	Reject
Wrap Around Test	✓	
ASCII Labels Write Test	✓	
Pattern Test	✓	
Formatted Print Test	✓	
TEST	Required	Actual
Low Voltage	9.5 to 10.0	9.73
Memory Storage Retention	Accept	Reject
Wrap Around Test	✓	
ASCII Labels Write Test	✓	
Pattern Test	✓	
Formatted Print Test	✓	
Chassis Ground Check less than or equal to 0.025 ohm	✓	

Test Accepted



EFFECTIVITY

ALL

49-60-65

 Page 1011
30 Jan 2020

Honeywell

Commercial

Repair Station # ZN3R030M

Phoenix - Sky Harbor
Honeywell International Inc
1944 E Sky Harbor Circle
PHOENIX AZ 85034
Date:06 NOV 2023

Configuration And Findings Evaluation

Repair Order: 2023-348457191-001
348501670

Customer: 300002 AJW AVIATION LTD

Customer P/O: U17754

Orig Cust:

Part Number: 3876287-1

Part Desc: OUTLINE, DATA MEMORY
MODULE

Serial No: GE809

Mods:

Series/Issue/Amdts: 1

Quantity 1

Ship Date:

Received Date: 24 OCT 2023

FINAL CONFIGURATION

Part No: 3876287-1



S/N: GE809



Series/Issues/Amdts: 1



Mods:

MECHANIC/ANALYST Pamela Ayers

DATE: 30 OCT 2023