1. Approving Civil Aviation Authority / Country:	2.	3. Form Tracking Number:
FAA / UNITED STATES	**AUTHORIZED RELEASE CERTIFICATE** **FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG**	00000000000008407579 Page 1 of 1

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
Hamilton Sundstrand World Wide Repair Phoenix Repair Station 1007 E. University Drive Phoenix, AZ 85034-6513 JW23941K	44154808 W48750

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
01	UNIT, PROGNOSTIC HEALTH MANAGEMENT	1023348-4-106	1	5001310	REPAIRED

12. Remarks:
Purpose: Approval for Return to Service
Unit was REPAIRED in accordance with CMP 77-31-04 REV 008 DATE: 27 JAN 2021.
FUNCTIONAL TEST PERFORMED IAW SPECIFICATION HS17202 REV L.
CSN:2215
TSN:9623:27

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 [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA145.4905

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:	13c. Approval / Authorization No.:	14b. Authorized Signature:	14c. Approval / Certificate No.:
			JW23941K
13d. Name (Typed or Printed):	**13e. Date (dd/mmm/yyyy):**	**14d. Name (Typed or Printed):**	**14e. Date (dd/mmm/yyyy):**
		KIRIVON KUN	15 MAR 2021

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.

1. 国家 Country	2. 中国民用航空总局 CAAC ☐ 符合性Conformity ☒ 适航性 Airworthiness	3. 证书编号 Certificate Ref. No.
中 国 CHINA	**批准放行证书/适航批准标签** **AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG**	00000000000008407590

4. 单位 Organization	5. 工作单/合同单/货单 Work Order/Contract/Invoice
Hamilton Sundstrand - Phoenix Hamilton Sundstrand Division United Technologies Corporation 1007 E. University Drive Phoenix, AZ 85034	44154808 / W48750

6. 序号 Item	7. 内容 Description	8. 件号 Part No.	9. 适用性 Eligibility *	10. 数量 Qty	11. 系列号/批号 Serial/Batch No.	12. 产品状态 Status/Work
01	UNIT, PROGNOSTIC HEALTH MANAGEMENT	1023348-4-106	NOT KNOWN	1	5001310	REPAIRED

13. 备注 Remarks

Purpose: Approval for Return to Service
Unit was REPAIRED in accordance with CMP 77-31-04 REV 008 DATE: 27 JAN 2021.
FUNCTIONAL TEST PERFORMED IAW SPECIFICATION HS17202 REV L.
CSN:2215
TSN:9623:27

14. 新产品 New Parts

兹声明上述产品除第13项的其它规定以外，已按照上述国家适航条例进行制造/检查，并且该产品（出口产品）符合经批准的型号设计资料和进口国提出的专用要求。

Certifies that the part(s) identified above except as otherwise specified in block 13 was (were) manufactured/inspected in accordance with the airworthiness regulations of the stated country and/or in the case of parts to be exported with the approved design data and with the notified special requirements of the importing country.

15. 使用过的产品 Used Parts

兹声明上述产品除第13项的其它规定以外，已按照上述国家适航条例和进口国通知的特殊要求进行了工作，该产品处于安全可用状态可以批准放行使用。

Certifies that the work specified above except as specified in block 13 was carried out in accordance with the airworthiness regulations of the stated country and the notified special requirements of the importing country and in respect to that work, the part(s) is (are) in condition for safe operation and considered ready for release to service. (over)

16. 批准人签名 Signature	18. 批准日期 Date	19. 中国民航总局授权 Issued by or on behalf of the CAAC
	15/MAR/2021	**F00100098**
17. 批准人姓名（打印的） Name(Printed) KIRIVON KUN		

AAC-038(12/94)

*参阅产品目录详细查找适用性
Cross-check eligibility for more details with parts catalogue

FINAL TEARDOWN REPORT

Hamilton Sundstrand Corporation
Customer Services
1007 E. University Drive
PHOENIX AZ 85034-6513
USA
Repair Station JW23941K

UTC Aerospace Systems

Customer	A J WALTER AVIATION	**Cust PO**	W48750		
Input Part	1023348-4-106 (1023348-4-106)	**Input Serial**	5001310	**Qty**	1.000
Output Part	1023348-4-106 (1023348-4-106)	**Output Serial**	5001310	**Workscope**	REPAIR
Cust Part		**Cust Serial**	5001310	**Status/Work**	REPAIRED
Description	UNIT, PROGNOSTIC HEALTH	**Removal Code**	FUNF SN: 5001310	**Failure Date**	
Aircraft	PRATT & WHITNEY ENGINE PW1100G	**Engine Type**	Prognostics and Health Monitoring		
Incoming NSN	N/A	**Outgoing NSN**	N/A	**Tail No**	XA-VIE
Date Rec'd	01/27/2021	**Quote Date**	02/17/2021	**Accept Date**	03/12/2021
Ship Date		**DOM**			
Sales Order	8297384	**Work Order**	44154808	**Notification**	304128801

Customer Reason for Return

PHMU INTERNAL FAIL

Configuration IN

L2

Configuration OUT

L2

Preliminary Inspection

service wear, dirty

Work Performed

TDR

ALL WORKS DONE HAS BEEN IN ACCORDANCE WITH CMP 77-31-04 ISSUE 008 DATED 01/27/2021.

Incoming Results:
Unit passed CRM ATP tests.

Work Completed:
Unit is MRU, last visit repaired software only, opened unit and inspected several parts for defects , found excessive solder on U2201, cleaned and re-flowed.

Works Completed:
Unit passed 2 cycles ESS test.
Unit passed VIB test.
Unit passed Final TVS test.

Outgoing Test Results:

Hamilton Sundstrand Corporation
Customer Services
1007 E. University Drive
PHOENIX AZ 85034-6513
USA
Repair Station JW23941K

FINAL TEARDOWN REPORT

UTC Aerospace Systems

Work Order	44154808	**Description**	UNIT, PROGNOSTIC HEALTH MANAGEMENT	**Date Rec'd**	01/27/2021
Input Part	1023348-4-106	**Input Serial**	5001310		
Cust Part		**Cust Serial**	5001310		

Unit passed Final PAT.
Unit passed Flight Software donwload.

Warranty Denied

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