

1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 00000000000007358254 32762353 Page 1 of 1	
4. Organization Name and Address: Hamilton Sundstrand of Puerto Rico Felicia Industrial Park Carr. 538 KM 0.7, Calle B Lote 2 Santa Isabel, P. R. 00757 PU7R1470		5. Work Order/Contract/Invoice Number: 8272962 66041701			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
01	OUTLINE, ELECTRIC MOTOR	7002958H01	1	AAD3002334	INSPECTED
12. Remarks: Purpose: Approval for Return to Service WORK WAS PERFORMED TO EXTENT NECESSARY TO COMPLY WITH CONTRACT PO HEREON AND WITH THE APPROVED SPECIFIED MAINTENANCE MANUAL. RECORDS OF ALL WORK PERFORMED ARE STORED AND ARE AVAILABLE UPON REQUEST. NO AIRWORTHINESS DIRECTIVES APPLICABLE. UNIT WAS INSPECTED IAW CMM 29-10-02, REV 8, DATED 08JAN2018. CSN=UNK, TSN=UNK, CSR=0, TSR=0.00, TSI=UNK, CSI=UNK. REFERENCE TEARDOWN REPORT WO 41727585 FOR THE SCOPE OF 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 [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA.145.5594					
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					
13b. Authorized Signature:		13c. Approval / Authorization No.:		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.	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14b. Authorized Signature:  14c. Approval / Certificate No.: PU7R1470	
14d. Name (Typed or Printed): AXEL M TORRES-DIAZ 3747309		14e. Date (dd/mm/yyyy): 09 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 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 中国 CHINA	2. 中国民用航空总局 CAAC ☐ 符合性Conformity ☒ 适航性 Airworthiness 批准放行证书/适航批准标签 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG	3. 证书编号 Certificate Ref. No. 00000000000007358469 32762353
4. 单位 Organization Hamilton Sundstrand de Puerto Rico Felicia Industrial Park Carr. 538 Km. 0.7, Calle B Lote 2 Santa Isabel, P. R. 00757 USA Maintenance Organization # F17870742	5. 工作单/合同单/账单 Work Order/Contract/Invoice 8272962 / 66041701	
6. 序号 Item 01	7. 内容 Description OUTLINE, ELECTRIC MOTOR	8. 件号 Part No. 7002958H01
9. 适用性 Eligibility *	10. 数量 Qty 1	11. 系列号/批号 Serial/Batch No. AAD3002334
12. 产品状态 Status/Work INSPECTED		
13. 备注 Remarks Purpose: Approval for Return to Service WORK WAS PERFORMED TO EXTENT NECESSARY TO COMPLY WITH CONTRACT PO HEREON AND WITH THE APPROVED SPECIFIED MAINTENANCE MANUAL. RECORDS OF ALL WORK PERFORMED ARE STORED AND ARE AVAILABLE UPON REQUEST. NO AIRWORTHINESS DIRECTIVES APPLICABLE. UNIT WAS INSPECTED IAW CMM 29-10-02, REV.8, DATED 08JAN2018. CSN=UNK, TSN=UNK, CSR=0, TSR=0.00, CSI=UNK, CSI=UNK. REFERENCE TEARDOWN REPORT WO 41727585 FOR THE SCOPE OF WORK PERFORMED.		
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 		19. 中国民航总局授权 Issued by or on behalf of the CAAC F17870742
17. 批准人姓名(打印的) Name(Printed) AXEL M TORRES-DIAZ 3747309		

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

1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE		3. Form Tracking Number: 0000000000005270696 31976833 Page 1 of 1	
4. Organization Name and Address: Hamilton Sundstrand of Puerto Rico Felicia Industrial Park Carr. 538 KM 0.7, Calle B Lote 2 Santa Isabel, P. R. 00757 PU7R1470				5. Work Order/Contract/Invoice Number: 41727585 50027056/10	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
01	OUTLINE, ELECTRIC MOTOR	7002958H01	1	AAD3002334	REPAIRED
12. Remarks: Purpose: Approval for Return to Service WORK WAS PERFORMED TO THE EXTENT NECESSARY TO COMPLY WITH CONTRACT/P.O. HEREON AND IN ACCORDANCE WITH THE APPROVED SPECIFIED MAINTENANCE MANUAL. RECORDS OF ALL WORK PERFORMED ARE STORED AND AVAILABLE UPON REQUEST. NO AIRWORTHINESS DIRECTIVES APPLICABLE. UNIT WAS REPAIRED IAW CMM 29-10-02, REV. 7, DATED: 12/02/2015 TSN UNK, CSN UNK, TSI UNK, CSI UNK, TSR 0.00, CSR 0 REFERENCE TEAR DOWN REPORT FOR THE SCOPE OF 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 [product/article] is considered ready for release to service under EASA Part 145 Approval No. EASA.145.5594					
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.					
13b. Authorized Signature:		13c. Approval / Authorization No.:		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.	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14b. Authorized Signature: 	
VICTOR L DELGADO SANCHEZ		2771810		14c. Approval / Certificate No.: PU7R1470	
14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):		14f. Date (dd/mm/yyyy):	
VICTOR L DELGADO SANCHEZ		2771810		03 AUG 2017	
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.					

TEARDOWN REPORT

HS de Puerto Rico Inc
Customer Services
2805 Felicia Industrial Park
00757 SANTA ISABEL
PUERTO RICO
Repair Station PU7R147O



UTC Aerospace Systems

Customer AMERICAN AIRLINES INC		Cust PO 50027056/10	
Input Part 7002958H01	Input Serial AAD3002334	Qty 1.000	
Output Part 7002958H01	Output Serial AAD3002334	Workscope REPAIR	
Cust Part 7002958H01	Cust Serial AAD3002334	Status/Work REPAIRED	
Description OUTLINE, ELECTRIC MOTOR	Removal Code FUNF failed	Failure Date	
Aircraft B787	Engine Type 787 EMP	Tail No	
Incoming NSN N/A	Outgoing NSN N/A		
Date Rec'd 06/30/2017	Quote Date	Accept Date	
Ship Date	DOM		
Sales Order 5341005	Work Order 41727585	Notification	302382310

Measuring Point:													
	Serial #	CSN	TSN	CSO	CSR	TSO	TSR	TSI	CSI	TSMI	CSMI	CSCPI	TSCPI
OUT	AAD3002334	UNKNOWN	UNKNOWN	UNKNOWN	0	UNKNOWN	0.00	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN

Customer Reason for Return

FAILED

Engineering specification orders 41989

REPAIR IN ACCORDANCE WITH THE LASTEST REVISION OF THE ACMPQG AND APPROVED TECHICAL DOCUMENT 41989

Certification Type	C of C / ARC
Configuration IN	7002958H01
Configuration OUT	7002958H01
Preliminary Inspection	

TEARDOWN REPORT



UTC Aerospace Systems

Work Order	41727585	Description	OUTLINE, ELECTRIC MOTOR	Date Rec'd	06/30/2017
Input Part	7002958H01	Input Serial	AAD3002334		
Cust Part	7002958H01	Cust Serial	AAD3002334		
SURFACE SCRATCHED BROKEN DUST CAP, MISSING DUST CAP, MISSING COVER TERMINALS SCREWS, WASHERS.					
CMM Reference CMM 29-10-02, REV. 7, DATED 12/02/2015					
ECR Flag? (Y/N) N					
Incoming Functional Test Performed?(Y/N) N					
Incoming Functional Test Failed? (Y/N) N/A					
Removal Scheduled? (S/U/O) U					
Removal Induced Flag? (Y/N) N					
Removal Reason Confirmed? (Y/N) N					
Test Results SEE LONG TEXT The reason for return for this 7002958H01 unit is: "FAILED, Engineering specification orders 41989 REPAIR IN ACCORDANCE WITH THE LATEST REVISION OF THE ACMPQG AND APPROVED TECHNICAL DOCUMENT 41989". Unit was cleaned per CMM 29-10-02, Rev.7, Dated: 12/2/15. Unit was opened prior to testing to verify for debris per CMM. No debris was found inside the unit. Unit and all internal parts were cleaned. New ring mating, new seal face bronze, new wave washer, new ball bearings and new packings (o-rings) were installed per CMM. A final ATP was ran per CMM, passed test. The unit has been repaired by UTAS repair station and is ready for return to service.					
Archive Box Number AUG/2017					

TEARDOWN REPORT



UTC Aerospace Systems

Work Order	41727585	Description	OUTLINE, ELECTRIC MOTOR	Date Rec'd	06/30/2017
Input Part	7002958H01	Input Serial	AAD3002334		
Cust Part	7002958H01	Cust Serial	AAD3002334		

Components :

Order	Material	Description	Req Qty	Issued	Reason Code	Stor Loc
41727585	5914520	BEARING, BALL, CONRAD	1	1		NEW1
41727585	5914521	BEARING, BALL	1	1		NEW1
41727585	5914552	SPRING, WAVE WASHER	1	1		NEW1
41727585	5914876-5	NUT, SELF-LOCKING, CAPTIVE WAS	6	6		NEW1
41727585	5917437	SEAL, FACE	1	1		NEW1
41727585	7007026	RING, MATING	1	1		NEW1
41727585	M85353/2S4	NUT, PRELOAD LOCKING, EXTENDED	3	3		NEW1
41727585	MS172209	WASHER, KEY - SINGLE, BEARING	1	1		NEW1
41727585	MS21914-8W	PROTECTIVE CAP	2	2		NEW1
41727585	NAS1611-117A	PACKING, ETHYLENE PROPYLENE PR	3	3		NEW1
41727585	NAS1611-146A	PACKING, ETHYLENE PROPYLENE PR	1	1		NEW1
41727585	NAS1611-153A	PACKING, ETHYLENE PROPYLENE PR	1	1		NEW1
41727585	NAS1611-168A	PACKING, ETHYLENE PROPYLENE PR	1	1		NEW1
41727585	NAS1611-224A	PACKING	1	1		NEW1
41727585	NAS1612-3A	PACKING	1	1		NEW1
41727585	NAS1612-4A	O-RING	1	1		NEW1
41727585	NAS1612-5A	O-RING	1	1		NEW1
41727585	NAS1612-8A	O-RING	3	3		NEW1