

1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 0000000000007953310 Page 1 of 1	
4. Organization Name and Address: Hamilton Sundstrand Worldwide Repair 1 Hamilton Road Dock W Windsor Locks CT 06096 SI3R842L		5. Work Order/Contract/Invoice Number: 43832295 R375784		11. Status/Work: OVERHAULED	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
01	STARTER, PNEUMATIC	810970-3	1	PS600-9	OVERHAULED
12. Remarks: Unit was OVERHAULED in accordance with CMM 80-13-05 Rev. 5 Dated 08/12/2016 and Service Bulletins: 80-3031 Rev. 0 Dated 11/10/1999, PS600-80-3032 Rev. 0 Dated 08/31/2007 CSN: UNK, TSN: UNK, CSO: 0, CSR: 0, TSO: 0.00, TSR: 0.00 Pertinent details of the workscope identified in the Status/Work block are on file under the work order identified in Block 5.					
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. EASA145.4983					
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: <i>Richard Holbrook</i>	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval / Certificate No.: SI3R842L	
				14d. Name (Typed or Printed): RICHARD P HOLBROOK	
				14e. Date (dd/mm/yyyy): 24 JUN 2020	
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. 00000000000007953313				
4. 单位 Organization Hamilton Sundstrand Worldwide Repair 1 Hamilton Road Windsor Locks CT 06096	5. 工作单/合同单/货单 Work Order/Contract/Invoice 43832295 / R375784					
6. 序号 Item 01	7. 内容 Description STARTER, PNEUMATIC	8. 件号 Part No. 810970-3	9. 适用性 Eligibility * NOT KNOWN	10. 数量 Qty 1	11. 系列号/批号 Serial/Batch No. PS600-9	12. 产品状态 Status/Work OVERHAULED
13. 备注 Remarks Unit was OVERHAULED in accordance with CMM 80-13-05 Rev. 5 Dated 08/12/2016 and Service Bulletins: 80-3031 Rev. 0 Dated 11/10/1999, PS600-80-3032 Rev. 0 Dated 08/31/2007 CSN: UNK, TSN: UNK, CSO: 0, CSR: 0, TSO: 0.00, TSR: 0.00 Pertinent details of the workscope identified in the Status/Work block are on file under the work order identified in Block 5.						
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 in 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 24/JUN/2020		19. 中国民航总局授权 Issued by or on behalf of the CAAC F00100007		
17. 批准人姓名 (打印的) Name(Printed) RICHARD P HOLBROOK						

AAC-038(12/94)

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

FINAL TEARDOWN REPORT



UTC Aerospace Systems

Hamilton Sundstrand
One Hamilton Road
BLDG 2, DOCK J
WINDSOR LOCKS CT 06096-1000
USA
Repair Station S13R842L

Customer A J WALTER AVIATION		Cust PO	R375784	Operator PO
Input Part	810970-1	Input Serial	PS600-9	Qty
Output Part	810970-3	Output Serial	PS600-9	Workscope OVERHAUL
Cust Part		Cust Serial	PS600-9	Status/Work OVERHAULED
Description	STARTER, PNEUMATIC	Removal Code	FUNF	Failure Date
Aircraft		Engine Type		Tail No
Incoming NSN	N/A	Outgoing NSN	N/A	
Date Rec'd	05/21/2020	Quote Date	06/11/2020	Accept Date
Ship Date		DOM		Last Order Date
Sales Order	7927626	Work Order	43832295	Notification
		303893500		

Engine Serial Number : UNK

Technical Documents :

Service Bulletin 80-3031 Revision: 0 Rev. Date: 11/10/1999
Service Bulletin PS600-80-3032 Revision: 0 Rev. Date: 08/31/2007

Conditions

service wear

Customer Reason for Return

REASON FOR REMOVAL OR FAILURE DETAILS: RFR: PLEASE RE-ID
FOUND THE PARTICLES WHICH ARE CLOSE TO LIMIT.
Please Repair under T&M - QUOTE AND HOLD.
CUSTOMER DOCUMENTS: n/a

Certification Type

8130-3 dual/CAAC

Removal Line Station

n/a

Aircraft Position

n/a

Printed on 06/24/2020 12:47:35

Page 1 of 5

Form No. GR001171-0513

Hamilton Sundstrand
One Hamilton Road
BLDG 2, DOCK J
WINDSOR LOCKS CT 06096-1000
USA
Repair Station S13R842L

FINAL TEARDOWN REPORT



UTC Aerospace Systems

Work Order	43832295	Description	STARTER, PNEUMATIC	Date Rec'd	05/21/2020
Input Part	810970-1	Input Serial	PS600-9		
Cust Part		Cust Serial	PS600-9		

Installed Date	n/a
----------------	-----

Configuration IN	L16/18-19/21-22
------------------	-----------------

Configuration OUT	L19/21-24
-------------------	-----------

Customer Reference	Cust. PN Out: N/A
--------------------	-------------------

Preliminary Inspection	SLT UNIT HAS A CLAMP & ADAPTOR SHAFT SPINS IN BOTH DIRECTIONS METAL ON MCD PLUG OILY INLET/OILY INLET BAFFLES/OILY MAG SEAL AREA
------------------------	--

CMM Reference	CMM 80-13-05 REV 5 DATED 08/12/2016
---------------	-------------------------------------

Incoming Functional Test Performed?(Y/N)	N
--	---

Incoming Functional Test Failed? (Y/N)	N
--	---

Removal Scheduled? (S/U/O)	S
----------------------------	---

Removal Induced Flag? (Y/N)	N
-----------------------------	---

Removal Reason Confirmed? (Y/N)	Y
---------------------------------	---

Work Performed	OVERHAUL
----------------	----------

Hamilton Sundstrand
One Hamilton Road
BLDG 2, DOCK J
WINDSOR LOCKS CT 06096-1000
USA
Repair Station S13R842L

FINAL TEARDOWN REPORT



UTC Aerospace Systems

Work Order	43832295	Description	STARTER, PNEUMATIC	Date Rec'd	05/21/2020
Input Part	810970-1	Input Serial	PS600-9		
Cust Part		Cust Serial	PS600-9		

OVERHAUL IAW CMM 80-13-05 REV 5 DATED 08/12/2016

Customer Reference	Cust. SN Out: N/A
Operator	, MK Denial - No Sanction Found
Engine Serial Number	UNK
Primary Findings	TRANSMISSION HOUSING MAGNETIC CHIP DETECTOR- EXHIBITED CHIPS

Other/Secondary Findings	CLUTCH ASSEMBLY - PAWL TYPE PAWL- SPRING SEAT WORN
Other/Secondary Findings	INLET HOUSING CONTAINMENT RING- RUBBER STRIP WORN OR ERODED
Other/Secondary Findings	INLET HOUSING EXHAUST BAFFLES- PLATES CRACKED
Other/Secondary Findings	OUTPUT SHAFT MAGNETIC SEAL- LEAKING LEAKING
Other/Secondary Findings	TRANSMISSION ASSEMBLY GEAR CAGE- CENTER BORE WORN
Other/Secondary Findings	TRANSMISSION HOUSING SPLINE- TEETH WORN / DAMAGED
Other/Secondary Findings	TURBINE ASSEMBLY TURBINE ROTOR- CARBON SEAL LEAKING SLUDGE ON DEFLECTOR
Other/Secondary Findings	TURBINE ASSEMBLY TURBINE ROTOR- ROTOR SHAFT WORN

Printed on 06/24/2020 12:47:35

Hamilton Sundstrand
One Hamilton Road
BLDG 2, DOCK J
WINDSOR LOCKS CT 06096-1000
USA
Repair Station S13R842L

FINAL TEARDOWN REPORT



UTC Aerospace Systems

Work Order	43832295	Description	STARTER, PNEUMATIC	Date Rec'd	05/21/2020
Input Part	810970-1	Input Serial	PS600-9		
Cust Part		Cust Serial	PS600-9		

Components :

Order	Material	Description	Reg Qty	Issued	Reason Code	Stor Loc
43832295	720752-65	PACKING, PREFORMED	1	1		NEW1
43832295	738168-2	WASHER, FLAT	1	1		NEW1
43832295	728851-1	WASHER, TENSION	1	1		NEW1
43832295	A88NSYNCC	KIT - NSYNCC	1	1	100% REPLACEMENT	NEW1
43832295	MS9954-08	PLUG, MACH. THREADED	1	1	WEAR	NEW1
43832295	MS9954-06	HARDWARE, PLUG	1	1	WEAR	NEW1
43832295	MS20604H4W1	RIVET, BLIND	4	4	100% REPLACEMENT	NEW1
43832295	818833-11	BRACKET	1	1	100% REPLACEMENT	NEW1
43832295	818640-1	BEARING, BALL	2	2	100% REPLACEMENT	NEW1
43832295	808457-2	SEAL, FACE ROTOR	1	1	100% REPLACEMENT	NEW1
43832295	808450-1	SEAL, MAGNETIC	1	1	100% REPLACEMENT	NEW1
43832295	808437-1	BAFFLE, INTERMEDIATE	4	4	WEAR	NEW1
43832295	808436-1	CBaffle, OUTER REAR	1	1	WEAR	NEW1
43832295	808420-1	BAFFLE, OUTER FRONT	1	1	WEAR	NEW1
43832295	799816-2	NUT, RETENTION	1	1	WEAR	NEW1
43832295	782584-2	PLATE, INSTRUCTION	1	1	100% REPLACEMENT	NEW1
43832295	778718-8	HOUSING TRANSMISSION	1	1	WEAR	NEW1
43832295	774871-4	ROTOR, TURBINE	1	1	WEAR	NEW1
43832295	769151-1	BUSHING, THRUST INPUT	3	3	WEAR	NEW1
43832295	769148-4	BUSHING	3	3	WEAR	NEW1
43832295	753364-1	CLAMP, CLUTCH SPRING	3	3	WEAR	NEW1
43832295	753363-2	PLATE, LOCKING	3	3	100% REPLACEMENT	NEW1
43832295	577258-24	PIN, STRAIGHT HEADLESS	1	1	100% REPLACEMENT	NEW1
43832295	69234A4	PLATE, IDENTIFICATION	1	1	100% REPLACEMENT	NEW1

Hamilton Sundstrand
One Hamilton Road
BLDG 2, DOCK J
WINDSOR LOCKS CT 06096-1000
USA
Repair Station S13R842L

FINAL TEARDOWN REPORT



Work Order	43832295	Description	STARTER, PNEUMATIC	Date Rec'd	05/21/2020
------------	----------	-------------	--------------------	------------	------------

Input Part	810970-1	Input Serial	PS600-9
------------	----------	--------------	---------

Cust Part		Cust Serial	PS600-9
-----------	--	-------------	---------

43832295	69490D216	PACKING	1	1	1	100% REPLACEMENT	NEW1
43832295	69983S162	RING, RETAINING - INTERNAL	1	1	1	100% REPLACEMENT	NEW1
43832295	69983S250	RING, RETAINING - INTERNAL	1	1	1	100% REPLACEMENT	NEW1
43832295	720752-14	PACKING, PREFORMED	1	1	1	100% REPLACEMENT	NEW1
43832295	720752-19	PACKING, PREFORMED	1	1	1	100% REPLACEMENT	NEW1
43832295	720752-65	PACKING, PREFORMED	1	1	1	100% REPLACEMENT	NEW1
43832295	728832-13	SPRING, CLUTCH	3	3	3	100% REPLACEMENT	NEW1
43832295	728832-14	SPRING, CLUTCH	3	3	3	100% REPLACEMENT	NEW1
43832295	728835-2	BEARING, ROLLER	6	6	6	100% REPLACEMENT	NEW1
43832295	728856-3	SPACER, BEARING	1	1	1	WEAR	NEW1
43832295	728856-6	SPACER, BEARING	1	1	1	WEAR	NEW1
43832295	728873-1	DRAIN PLUG - 285-21940	1	1	1	WEAR	NEW1
43832295	728885-1	RING, RETAINING	1	1	1	100% REPLACEMENT	NEW1
43832295	728887-1	BEARING, BALL - ANNULAR SET	1	1	1	100% REPLACEMENT	NEW1
43832295	732081-123	SHIM, SOLID	1	1	1	100% REPLACEMENT	NEW1
43832295	737128-2	SHIM	30	30	30	100% REPLACEMENT	NEW1
43832295	738138-101	CAGE & INSERT, GEAR	1	1	1	WEAR	NEW1
43832295	739146-6	PINION & SLEEVE, ROTOR	1	1	1	WEAR	NEW1
43832295	739168-4	PAWL, CLUTCH	3	3	3	WEAR	NEW1
43832295	776635-604	HOUSING, INLET	1	1	1	WEAR	ROT2

UTC Aerospace Systems Proprietary. This document is submitted in confidence and may not, in whole or in part, be reproduced or used for any other purpose, or disclosed to others, without the written authorization from UTC Aerospace Systems.