

DESCRIPTION	FUEL CONTROL
PART NUMBER	1853M56P09
SERIAL NUMBER	BECW1485MFR
QUANTITY	1
CONDITION	SERVICEABLE
ESN	N/A
TSN/CSN (LLP ONLY)	
APPROVE/REJECT	APPROVED
REASON FOR REJECTION	
INITIALS	46190119
DATE	7/22/19

REVISION: 3

REVISION DATE: 10.12.2015

ITEM 1853M56P09 = GD



BATCH 7365230519

SCHAY
07/24/19

Batch: 7365230519



1.Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3.Form Tracking No 20190007612393Y22 338255056
4.Organization Name and Address: Honeywell Limited dba Honeywell Aerospace PEI 800 Aerospace Blvd Hanger 8 Slemon Park, PEI C0B-2A0 Canada		5.Work Order/Contract/Invoice 4701110943 338123873 Page 1 of 2			
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial/Batch No.	11. Status/Work
001	FUEL CONTROL, MAIN, TURBINE ENGINE, INSTL O	442653	1	BECW1485MFR	OVERHAULED
12. Remarks UNIT ALSO MODIFIED THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH: CMM 73-21-79 Rev 2, JUL/20/2012 SIL CFM56 NO. 2 Rev 5, FEB/01/2016 SB CFM56-7B 73-0096 Rev 2, JAN/05/2012 SB CFM56-7B 73-0108 Rev 2, FEB/16/2012 SB CFM56-7B 73-0137 Rev 1, FEB/18/2008 SB CFM56-7B 73-0172 Rev 03, JUL/28/2017 SB CFM56-7B 73-0188 Rev 0, FEB/14/2012 SB CFM56-7B 73-0193 Rev 0, MAY/01/2013 SB CHT1-73-0023 Rev 2, SEP/06/2011 TEXT CONTINUED ON RIGHT SIDE CONTINUED: SB CHT1-73-0028 Rev 2, FEB/14/2012 SB CHT1-73-0034 Rev 1, FEB/18/2008 SB CHT1-73-0041 Rev 3, JUL/10/2017 SB CHT1-73-0046 Rev 0, FEB/14/2012 SB CHT1-73-0047 Rev 0, MAY/01/2013 ORI F00335 Rev -, SEP/11/2017 TSO: 0.00 HRS. CSO: 0.00 HRS. OVERHAULED, MODIFIED AND TESTED I.A.W. CMM See continuation page HONEYWELL CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11 AND 12 WAS CARRIED OUT IN ACCORDANCE WITH EASA 145 AND WITH RESPECT TO THAT WORK, THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVAL NUMBER 145.7012					
13a. Certifies that the items identified above were manufactured in conformity to: ☐ approved design data and are in condition for safe operation ☐ non-approved design data specified in block 12		14a. ☒ CAR 571.10 Maintenance Release ☒ 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, has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature	13c. Approved Organization Number	14b. Signature <i>Shelly Stewart</i>	14c. Approved Organization Number AMO 20-91		
13d. Name	13e. Date (dd mmm yyyy)	14d. Name Shelly Stewart	14e. Date (dd mmm yyyy) 30 DEC 2019		
(Previously form 24-0078) Important: See notes					
Installer Responsibilities This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					



(Continued)

20190007612393Y22

Page 2 of 2

Form Tracking Number :

12. Remarks (Continued) :

GE PN 1853M56P16

SERIES/ISSUE/AMDTS:PLISS 17

MODS: LESS 14

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	3. 证书编号 Certificate Ref. No. 20200007632108Y05 338255056		
批准放行证书/适航批准标签 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG						
4. 单位 Organization Honeywell Limited dba Honeywell Aerospace PEI 800 Aerospace Blvd Hanger 8 Slemon Park, PEI C0B-2A0 Canada			5. 工作单/合同单/货单 Work Order/Contract/Invoice 4701110943 338123873 Page 1 of 2			
6. 序号 Item	7. 内容 Description	8. 件号 Part No.	9. 适用性 Eligibility	10. 数量 Qty	11. 序列号/批号 Serial/Batch No.	12. 产品状态 Status/Work
001	FUEL CONTROL, MAIN, TURBINE ENGINE, INSTL 0	442653	NOT KNOWN	1	BECW1485MFR	OVERHAULED
13 备注 Remarks UNIT ALSO MODIFIED TSO: 0.00 HRS. CSO: 0.00 HRS. OVERHAULED, MODIFIED AND TESTED I.A.W. CMM GE PN 1853M56P16 THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH: CMM 73-21-79 Rev 2, JUL/20/2012 SIL CFM56 NO. 2 Rev 5, FEB/01/2016 SB CFM56-7B 73-0096 Rev 2, JAN/05/2012 SB CFM56-7B 73-0108 Rev 2, FEB/16/2012 TEXT CONTINUED ON RIGHT SIDE			CONTINUED: SB CFM56-7B 73-0137 Rev 1, FEB/18/2008 SB CFM56-7B 73-0172 Rev 03, JUL/28/2017 SB CFM56-7B 73-0188 Rev 0, FEB/14/2012 SB CFM56-7B 73-0193 Rev 0, MAY/01/2013 SB CHT1-73-0023 Rev 2, SEP/06/2011 SB CHT1-73-0028 Rev 2, FEB/14/2012 SB CHT1-73-0034 Rev 1, FEB/18/2008 SB CHT1-73-0041 Rev 3, JUL/10/2017 SB CHT1-73-0046 Rev 0, FEB/14/2012 SB CHT1-73-0047 Rev 0, MAY/01/2013			
SEE ATTACHED DOCUMENTS AS APPLICABLE FOR WORK PERFORMED			See Continuation page			
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 Shelly Stewart		18. 批准日期 Date JAN/06/2020	19. 中国民航总局授权 Issued by or on behalf of the CAAC F01100537			
17. 批准人姓名 (打印的) Name (Printed) Shelly Stewart						

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

批准放行证书/适航批准标签
AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG
使用者/安装者职责
USER/INSTALLER RESPONSIBILITIES

- (1) 必须明确:本文件并不批准零件/组件/部件可以装到有关产品上。
 - (2) 当使用者/安装者使用的是所在国适航当局的条例,而不是本表第1项中所指国家适航当局的条例时,使用者/安装者必须保证所在国的适航当局能接受所指国家适航当局批准出口的零件/组件/部件。
 - (3) 表中第14项、第15项的陈述,并不说明本表是安装批准。在所有情况下,航空器使用前,航空器使用者/安装者应把按本国适航条例颁发的安装批准放入维修记录中。
-
- (1) It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
 - (2) Where the user/installer works 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 ensure that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.
 - (3) Statements 14 and 15 do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.

13. Remarks (Continued) :

ORI F00335 Rev -, SEP/11/2017

SERIES/ISSUE/AMDTS:PLISS 17

MODS: LESS 14

批准放行证书/适航批准标签
AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG
使用者/安装者职责
USER/INSTALLER RESPONSIBILITIES

- (1) 必须明确:本文件并不批准零件/组件/部件可以装到有关产品上。
 - (2) 当使用者/安装者使用的是所在国适航当局的条例,而不是本表第1项中所指国家适航当局的条例时,使用者/安装者必须保证所在国的适航当局能接受所指国家适航当局批准出口的零件/组件/部件。
 - (3) 表中第14项、第15项的陈述,并不说明本表是安装批准。在所有情况下,航空器使用前,航空器使用者/安装者应把按本国适航条例颁发的安装批准放入维修记录中。
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 - (3) Statements 14 and 15 do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.



A Boeing Company

Boeing Distribution, Inc., Dallas, USA

Vendor Number: 1003162
Vendor Name:
DELTA TECH OPS

PO No.	46271950
PO Date	11/20/2019

Delivery Address:
AVIALL CENTRAL WAREHOUSE
DALLAS CDC
2750 REGENT BLVD
DALLAS TX 75261
USA

Delivery Date: 12/20/2019
Freight Term: FCA
Ship Via: FCA SUPPLIERS WAREHOUSE

applicable warranty.

Serial Number **BECW1485MFR**

ITEM	MATERIAL DESCRIPTION	MATERIAL NUMBER	ORDERED QTY	ORDER UNIT	PRICE PER UNIT	NET VALUE
10	HMU: HYDRO MECHANICAL UNIT HMU: HYDRO MECHANICAL UNIT					
	1853M56P09=GD	442317	1.00	EA	0.01 per EA	0.01
	BATCH # 7365230519					
	Gross Price		0.01 USD	1 EA	1.000	0.01
	We supply the following components:					
	1853M56P09=GD	HMU: HYDRO MECHANICAL UNIT	1.000	EA		
Total net value excl. tax USD						0.01

389
466445

9001982191
CAT II
11-22-19
MG



A Boeing Company

Boeing Distribution, Inc., Dallas, USA

Vendor Number: 1003162
Vendor Name: DELTA TECH OPS
DELTA TECH OPS
CUSTOMER PROCESSING CENTER DEPT. 470B
TECHNICAL OPERATIONS CENTER
ATLANTA GA 30354

PO No.	46271950
PO Date	11/20/2019
Buyer	AVIALL USM REPAIRS
Email ID	Sherman.Steele@aviall.com
Phone	+1 (972) 586-1885
Currency	USD

Delivery Address:

AVIALL CENTRAL WAREHOUSE
DALLAS CDC
2750 REGENT BLVD
DALLAS TX 75261
USA

Delivery Date: 12/20/2019

Freight Term: FCA

Ship Via: FCA SUPPLIERS WAREHOUSE

WORK SCOPE:

Please modify to PN 442653

VENDOR is requested to clean, inspect, and quote for OVERHAUL IAW the current revision of the OEM CMM or approved data. Please send Inspection findings, teardown report, and Quotes for approval to Chris Wilson chris.wilson@aviall.com

CERTIFICATION:

DUAL RELEASE - VENDORS located in the US and/or EU (Member States), that hold BOTH FAA repair station approval & EASA Part 145 approval, are required to issue an 8130-3/EASA Form 1 Dual Release in accordance with the US-EU Bilateral Agreement. Vendor is also requested to include the teardown report with the shipment.

CAAC - VENDOR is requested to issue CAAC certification if Vendor is CAAC approved.

CAAS - VENDOR is requested to issue CAAS certification for all items returning from Singapore.

NO SUBCONTRACTING:

No 3rd party vendor 8130's will be accepted without specific, written approval of BUYER.

SERIAL NUMBERS:

All serialized units must have the SN stated in Block 10 of the 8130.

VENDOR is requested to assign serial numbers for units received without one. If no SN is assigned all non-serialized parts are to be Individually part-marked using acceptable industry practices to be traceable to their respective 8130.

NO FAA/PMA or DER:

Use of FAA/PMA parts and/or DER repairs is strictly prohibited without specific, written approval of BUYER.

INVOICES:

Please email invoices in PDF format to mbx-scannedinvoices@aviall.com

Send all statements or payment inquiries to apsting@aviall.com Please include Vendor name and Statement or Inquiry in the subject line.

SHIPPING:

For shipments under 150lbs, please ship FedEx Priority, using FedEx Account number 123985630.

For shipments over 150lbs please use FedEx Freight 2nd day Account 361169980.

Ship to below address unless otherwise noted by customer.

Ship to:

Attn: Ronnie Gonzales
Aviall Central Warehouse
Dallas CDC Door R22
2750 Regent BLVD
DFW Airport TX 75261-90048

IMPORT /SPECIAL HANDLING: Must Reference our PO# on Commercial Invoice. Carrier Special Handling Instructions on Airway Bill: Aviall U.S. Customs Broker Select Option # Expeditors, Gilda Montes, Telephone # 817-305-4000, Email: aviall@expeditors.com

Acknowledgement Wording: 'Aviall understands and acknowledges that in entering the purchase agreement and in the work set forth therein, GE Aviation Engine Service-Singapore Pte Ltd materially relies on foregoing information and certifications and itself makes no representation regarding the history, pedigree or integrity of the parts or material described on the purchase order. Failure to provide accurate information or certification shall void any



Commercial

Repair Station # AMO 20-91

Honeywell Limited dba Honeywell Aerospace PEI
Honeywell Limited
800 Aerospace Blvd.
SLEMON PARK PE C0B 2A0
Date: 30 DEC 2019

Initial Findings Report

Repair Order: 2019-338123873-001
338255056

Customer: 3227 DELTA AIR LINES INC

Customer P/O: 4701110943

Orig Cust:

Part Number: 442317

Part Desc: FUEL
CONTROL, MAIN, TURBINE

Serial No: BECW1485MFR

Mods: LESS

Series/Issue/Amdts: PL ISS 9

Quantity: 1

Aircraft tail#:

Aircraft S/N#:

Date on:

Received Date: 05 DEC 2019

Model #: N/A

Engine S/N:

Date off:

Alternate S/N:

TIMES/CYCLES

HH.DD (HH:MM)

Time Since New:

Cycles Since New:

Time Since Overhaul:

Cycles Since Overhaul:

Time Since Repair:

Cycles Since Repair:

Time Since Installation:

Cycles Since Installation:

CUSTOMER REASON FOR RETURN

PLEASE OVERHAUL REASON FOR REMOVAL: PLEASE OVERHAUL AND MODIFY UNIT TO P/N: 442653

GENERAL CONDITION AS RECEIVED (HIDDEN DAMAGE)

Condition Received Text

NICKS ON SHUTOFF SOLENOID MISSING WASHERS ON IDG PORT, SERVO PORT & DISCHARGE PORT COVERS ADDED
WASHERS ON IDG PORT, SERVO PORT & DISCHARGE PORT COVERS. INCORRECT SHIPPING BLOCK. INCOMING
ELECTRICAL CHECK WAS CARRIED OUT & ALL TEST POINTS WERE WITHIN SPEC LIMITS. SEALS ARE: ALLIED
SIGNAL. H340799 EA 9 DEC 2019.

Reason for return code

OVERHAUL

Removal Type

Scheduled

DETAIL DISASSEMBLY / EVALUATION FINDINGS

Failure Description:

Findings:

DURING RAR THE FOLLOWING TEST POINTS WERE OUT OF SPEC LIMITS:
LIMITED RAR PERFORMED DUE TO OVERHAUL WORKSCOPE.

-TP#3.010/.060/.300: Wfm HOOL @ 270pph (min 243/ max 261 pph), ADJUST
BEFORE FINAL.

-TP#3.265: (Pcbpv-Pcb) HOOL @ 20 psid (min 0/ max 15 psid), REPLACE PSOV
& SEAT SEAL.

-TP#6.080: GOVERNOR BREAK 10 rpm LATE @ 6507 rpm.

Overhaul per customer P/O

Related Area:

Non-conformance: OVERHAUL UNIT - NO DEFECTS

Recurrent Failure:

Failed Part

Part Name

Condition:

Primary Failure

SERVICE BULLETINS / AUTHORIZING DOCUMENTS

Authorizing Technical Document

Complied With:

Doc#: ORI F00335 Rev: - Date: 09/11/2017

Doc#: SIL CFM56 NO. 2 Rev: 5 Date: 02/01/2016

Doc#: SB CFM56-7B 73-0096 Rev: 2 Date: 01/05/2012

Doc#: SB CFM56-7B 73-0108 Rev: 2 Date: 02/16/2012



Commercial

Repair Station # AMO 20-91

Honeywell Limited dba Honeywell Aerospace PEI

Honeywell Limited

800 Aerospace Blvd.

SLEMON PARK PE C0B 2A0

Date: 30 DEC 2019

Configuration And Findings Evaluation

Repair Order: 2019-338123873-001

Customer: 3227 DELTA AIR LINES INC

338255056

Customer P/O: 4701110943

Orig Cust:

Part Number: 442317

Part Desc: FUEL

Serial No: BECW1485MFR

CONTROL, MAIN, TURBINE

Mods: LESS

Series/Issue/Amdts: PL ISS 9

Quantity 1

Ship Date:

Received Date: 05 DEC 2019

Doc#: SB CFM56-7B 73-0137 Rev: 1 Date: 02/18/2008

Doc#: SB CFM56-7B 73-0188 Rev: 0 Date: 02/14/2012

Doc#: SB CFM56-7B 73-0193 Rev: 0 Date: 05/01/2013

Doc#: SB CHT1-73-0023 Rev: 2 Date: 09/06/2011

Doc#: SB CHT1-73-0028 Rev: 2 Date: 02/14/2012

Doc#: SB CHT1-73-0034 Rev: 1 Date: 02/18/2008

Doc#: SB CHT1-73-0046 Rev: 0 Date: 02/14/2012

Doc#: SB CHT1-73-0047 Rev: 0 Date: 05/01/2013

Doc#: CMM 73-21-79 Rev: 2 Date: 07/20/2012

Doc#: SB CFM56-7B 73-0172 Rev: 03 Date: 07/28/2017

Doc#: SB CHT1-73-0041 Rev: 3 Date: 07/10/2017

Not Applicable:

Doc#: SB CFM56-7B 73-0215 Rev: 1 Date: 01/29/2016

Doc#: SB CHT1-73-0049 Rev: 1 Date: 01/29/2016

Doc#: SB CFM56-7B 73-0194 Rev: 0 Date: 05/01/2013

Doc#: SB CHT1-73-0048 Rev: 0 Date: 05/01/2013

Not Complied With:

Doc#: SB CFM56-7B 73-0103 Rev: OR Date: 09/11/2003

Doc#: SB CHT1-73-0026 Rev: 0 Date: 09/10/2003

Doc#: SB CFM56-7B 73-0171 Rev: 0 Date: 09/24/2010

Doc#: SB CHT1-73-0040 Rev: 0 Date: 09/23/2010

Previously Complied With:

Doc#: SB CFM56-7B 73-0099 Rev: OR Date: 06/06/2003

Doc#: SB CHT1-73-0012 Rev: 1 Date: 09/02/2003

Doc#: SB CHT1-73-0025 Rev: 0 Date: 06/06/2003

Doc#: SB CFM56-7B 73-0074 Rev: 3 Date: 11/19/2002

Doc#: SB CHT1-73-0018 Rev: 3 Date: 11/19/2002

Commercial

Honeywell Limited

800 Aerospace Blvd.

SLEMON PARK PE C0B 2A0

Honeywell

Repair Station # AMO 20-91

Date: 30 DEC 2019

Configuration And Findings Evaluation**Repair Order:** 2019-338123873-001**Customer:** 3227 DELTA AIR LINES INC

338255056

Customer P/O: 4701110943**Orig Cust:****Part Number:** 442317**Part Desc:** FUEL**Serial No:** BECW1485MFR

CONTROL, MAIN, TURBINE

Mods: LESS**Series/Issue/Amdts:** PL ISS 9**Quantity** 1**Ship Date:****Received Date:** 05 DEC 2019

Doc#: SB CFM56-7B 73-0066 Rev: 1 Date: 08/31/2004

Doc#: SB CFM56-7B 73-0053 Rev: 3 Date: 02/11/2003

Doc#: SB CHT1-73-0010 Rev: 3 Date: 02/11/2003

Doc#: SB CFM56-7B 73-0069 Rev: 2 Date: 04/16/2003

Doc#: SB CHT1-73-0013 Rev: 2 Date: 04/16/2003

Doc#: SB CFM56-7B 73-0067 Rev: 3 Date: 05/11/2005

Doc#: SB CHT1-73-0014 Rev: 3 Date: 08/27/2004

Doc#: SB CFM56-7B 73-0075 Rev: 1 Date: 02/05/2003

Doc#: SB CHT1-73-0016 Rev: 1 Date: 02/05/2003

Doc#: SB CFM56-7B 73-0080 Rev: OR Date: 09/12/2002

Doc#: SB CHT1-73-0019 Rev: 0 Date: 09/12/2002

Doc#: SB CFM56-7B 73-0093 Rev: OR Date: 02/11/2003

Doc#: SB CHT1-73-0020 Rev: 0 Date: 02/11/2003

Doc#: SB CFM56-7B 73-0094 Rev: 2 Date: 03/24/2005

Doc#: SB CHT1-73-0021 Rev: 2 Date: 03/24/2005

Doc#: SB CFM56-7B 73-0095 Rev: OR Date: 03/07/2003

Doc#: SB CHT1-73-0022 Rev: 0 Date: 03/07/2003

Doc#: SB CFM56-7B 73-0081 Rev: OR Date: 05/02/2003

Doc#: SB CHT1-73-0024 Rev: 0 Date: 05/02/2003

Superseded:

Doc#: SB CFM56-7B 73-0109 Rev: 1 Date: 03/07/2006

Doc#: SB CFM56-7B 73-0136 Rev: 1 Date: 02/18/2008

Doc#: SB CFM56-7B 73-0158 Rev: OR Date: 05/15/2009

Doc#: SB CFM56-7B 73-0174 Rev: 2 Date: 05/01/2013

Doc#: SB CHT1-73-0030 Rev: 1 Date: 03/07/2006

Doc#: SB CHT1-73-0033 Rev: 1 Date: 02/18/2008

Doc#: SB CHT1-73-0039 Rev: 0 Date: 05/15/2009

Doc#: SB CHT1-73-0044 Rev: 2 Date: 05/01/2013

WORK PERFORMED / COMMENTS TO CUSTOMER



Commercial

Repair Station # AMO 20-91

Honeywell Limited dba Honeywell Aerospace PEI
Honeywell Limited
800 Aerospace Blvd.
SLEMON PARK PE C0B 2A0
Date:30 DEC 2019

Configuration And Findings Evaluation

Repair Order: 2019-338123873-001

Customer: 3227 DELTA AIR LINES INC

338255056

Customer P/O: 4701110943

Orig Cust:

Part Number: 442317

Part Desc: FUEL

Serial No: BECW1485MFR

CONTROL,MAIN,TURBINE

Mods: LESS

Series/Issue/Amdts: PL ISS 9

Quantity 1

Ship Date:

Received Date: 05 DEC 2019

Workscope Performed / Summary of Actions Taken

~Z120 - UPDATED PO IN ZH.

~SSV ADJUSTING SCREW HAS DAMAGED THREAD. BAGGED, WITH MATING PART, SEPERATELY. PLEASE CHECK MATING TREAD IN COVER.

DISASSEMBLY C/O I.A.W. 73-21-79 CMM. H364937 RC 11DEC2019.

Analytical notes; FMV and PCR valve passed pressure leak test. Bypass proportional valve erosion passes at less than .001"; limit is .005". Analytical complete IAW CMM.

e187058 11Dec'18

Overhaul workscope completed IAW CMM 73-21-79. CFMI S/B: 73-0096,0108,0137,0172,0188 ,0193. JB H324729 Dec/30/2019.

Action Taken Code

Overhaul Modified

Customer Confirmed Removal Reason:

Evaluation Type

Evaluated - Minor Fault Found

FINAL CONFIGURATION

Part No: 442653



S/N: BECW1485MFR



Series/Issues/Amdts: Pliss 17



Mods: Less 14



MECHANIC/ANALYST Peter Wheeler

DATE: 20 DEC 2019



Commercial

Repair Station # AMO 20-91

Honeywell Limited dba Honeywell Aerospace PEI

Honeywell Limited

800 Aerospace Blvd.

SLEMON PARK PE C0B 2A0

Date:30 DEC 2019

Authorizing Document Traceability Sheet

Repair Order: 2019-338123873-001
338255056

Customer: 3227 DELTA AIR LINES INC

Customer P/O: 4701110943

Orig Cust:

Part Number: 442653

Part Desc: FUEL

Serial No: BECW1485MFR

Type	Document	Document Description	Compliance	Employee	Date Completed
Service Bulletin	CFM56 NO. 2	LIST OF SERVICE BULLETINS RELEASED AGAINST THE CFM56-7B HYDROMECHANICAL UNITS (HMU)	Complied With	E187058	12/11/2019
Service Bulletin	CFM56-7B 73-0096	INSTALLATION OF FLUOROCARBON PACKINGS REPLACEMENT OF FLUOROSILICONE PREFORMED PACKINGS FLUOROCARBON PREFORMED PACKINGS	Complied With	H351564	12/10/2019
Service Bulletin	CFM56-7B 73-0099	IMPROVED MAX STOP ADJUSTMENT SCREW HYDROMECHANICAL UNIT (73-21-10)-INTRODUCTION OF IMPROVED ADJUSTMENT SCREW PN 2689127.	Previously Complied With	H324729	12/30/2019
Service Bulletin	CFM56-7B 73-0108	REMOVAL OF BSV SOLENOID FROM HMU BURNER STAGING VALVE SOLENOID REMOVAL FROM HMU	Complied With	H364937	12/11/2019
Service Bulletin	CFM56-7B 73-0109	INSTALATION OF NEW AFSSO SOLENOID NEW SOLENOID AND VALVE	Superseded	H364937	12/11/2019
Service Bulletin	CFM56-7B 73-0136	INTRO OF IMPROVED TBV EHSV (442482) INTRO OF IMPROVED TBV EHSV	Superseded	H364937	12/11/2019
Service Bulletin	CFM56-7B 73-0137	HMU OVER-FUEL THRESHOLD MARGIN INCREASE HMU OVER-FUEL THRESHOLD MARGIN INCREASE	Complied With	H364937	12/11/2019
Service Bulletin	CFM56-7B 73-0158	INTRO OF FMV RESOLVER ASSM P/N 2690955 INTRO OF FMV RESOLVER BODY ASSY	Superseded	H364937	12/11/2019
Service Bulletin	CFM56-7B 73-0174	S/B superseded by CHT1-73-0047 (73-0193)L UNIT (73-00-00) - INCORPORATION OF NEW INTEGRATOR SPRING ASSEMBLY FOR ANTI-ROTATION OF BYPASS INTEGRATOR VALVE	Superseded	H364937	12/11/2019



Commercial

Repair Station # AMO 20-91

Honeywell Limited dba Honeywell Aerospace PEI

Honeywell Limited

800 Aerospace Blvd.

SLEMON PARK PE C0B 2A0

Date:30 DEC 2019

Authorizing Document Traceability Sheet

Repair Order: 2019-338123873-001

Customer: 3227 DELTA AIR LINES INC

338255056

Customer P/O: 4701110943

Orig Cust:

Part Number: 442653

Part Desc: FUEL

Serial No: BECW1485MFR

Type	Document	Document Description	Compliance	Employee	Date Completed
Service Bulletin	CFM56-7B 73-0188	INTRO OF IMPROVED TBV EHSV (-5) L UNIT (73-21-10) - INTRODUCTION OF IMPROVED TRANSIENT BLEED VALVE THREE WAY TWO STAGE ELECTROHYDAULIC SERVO VALVE WITH VENTED SLEEVE	Complied With	H364937	12/11/2019
Service Bulletin	CFM56-7B 73-0193	Anti-Rotation of Bypass Integrator ValveL UNIT (73-21-10) - INCORPORATION OF NEW INTEGRATOR SPRING ASSEMBLY FOR ANTI-ROTATION OF BYPASS INTEGRATOR VALVE	Complied With	H364937	12/11/2019
Service Bulletin	CHT1-73-0012	INSPECT / REPLACE SSV & THRUST WASHER (Matched) Valve and Sleeve Assembly and Thrust Washer Removal and Replacement of Speed Servo (Matched) Valve and Sleeve Assembly and Thrust Washer Removal and Replacement of Speed Servo (Matched) Valve and Sleeve Assembly and Thrust Washer	Previously Complied With	H324729	12/30/2019
Service Bulletin	CHT1-73-0023	INSTALLATION OF FLUOROCARBON PACKINGS CEMENT OF FLUOROSILICONE PREFORMED PACKINGS WITH FLUOROCARBON PREFORMED PACKINGS.	Complied With	H351564	12/10/2019
Service Bulletin	CHT1-73-0025	IMPROVED MAX STOP ADJUSTMENT SCREW Screw (PN 2689127) Introduction of Improved Adjustment Screw (PN 2689127) Introduction of Improved Adjustment Screw (PN 2689127)	Previously Complied With	H324729	12/30/2019

Commercial



Repair Station # AMO 20-91

Authorizing Document Traceability Sheet

Repair Order: 2019-338123873-001

Customer: 3227 DELTA AIR LINES INC

338255056

Customer P/O: 4701110943

Orig Cust:

Part Number: 442653

Part Desc: FUEL

Serial No: BECW1485MFR

Type	Document	Document Description	Compliance	Employee	Date Completed
Service Bulletin	CHT1-73-0028	REMOVAL OF BSV SOLENOID FROM HMU al of Burner Staging Valve (BSV) Solenoid and Valve Assembly	Complied With	H364937	12/11/2019
Service Bulletin	CHT1-73-0030	INSTALATION OF NEW AFSSO SOLENOID	Superseded	H364937	12/11/2019
Service Bulletin	CHT1-73-0033	INTRO OF IMPROVED TBV EHSV (442482) Bleed Valve Electrohydraulic Servovalve Introduction of Improved Transient Bleed Valve Electrohydraulic Servovalve Introduction of Improved Transient Bleed Valve Electrohydraulic Servovalve Introduction of Improved Transient Bleed Valve Electrohydraulic Servovalve	Superseded	H364937	12/11/2019
Service Bulletin	CHT1-73-0034	HMU OVER-FUEL THRESHOLD MARGIN INCREASE	Complied With	H364937	12/11/2019
Service Bulletin	CHT1-73-0039	INTRO OF FMV RESOLVER ASSM P/N 2690955 Resolver Body Assembly Introduction of Modified Metering Valve Resolver Body Assembly	Superseded	H364937	12/11/2019
Service Bulletin	CHT1-73-0046	INTRO OF IMPROVED TBV EHSV (-5) L UNIT - INTRODUCTION OF IMPROVED TRANSIENT BLEED VALVE THREE WAY TWO STAGE ELECTROHYDRAULIC SERVO VALVE WITH VENTED SLEEVE	Complied With	H364937	12/11/2019
Service Bulletin	CHT1-73-0047	Anti-Rotation of Bypass Integrator ValveL UNIT - INCORPORATION OF NEW INTEGRATOR SPRING ASSEMBLY FOR ANTI-ROTATION OF BYPASS INTEGRATOR VALVE	Complied With	H364937	12/11/2019
MaintenanceTechData	73-21-79	CMM FOR MODEL CH-T1 HMU	Complied With	H340799	12/09/2019
Service Bulletin	CFM56-7B	INSPECT SHUTFF SPACER FOR PROPER	Previously	H324729	12/30/2019

Commercial

Honeywell

Repair Station # AMO 20-91

Authorizing Document Traceability Sheet**Repair Order:** 2019-338123873-001
338255056**Customer:** 3227 DELTA AIR LINES INC**Customer P/O:** 4701110943**Orig Cust:****Part Number:** 442653**Part Desc:** FUEL**Serial No:** BECW1485MFR

Type	Document	Document Description	Compliance	Employee	Date Completed
	73-0074	INSTALL INSPECTION SHUTFF SPACER FOR PROPER INSTALLATION	Complied With		
Service Bulletin	CHT1-73-0018	INSPECT SHUTFF SPACER FOR PROPER INSTALL for Proper Installation Inspection Of Shutoff Spacer PN 2687048 for Proper Installation	Previously Complied With	H324729	12/30/2019
Service Bulletin	CFM56-7B 73-0066	INSPECT / REPLACE SSV & THRUST WASHER REMOVAL AND REPLACEMENT OF SPEED SERVO (MATCHED) VALVE AND SLEEVE ASSEMBLY AND THRUST WASHER.	Previously Complied With	H324729	12/30/2019
Service Bulletin	CFM56-7B 73-0053	IMPROVED ELECTRICAL WIRE RETENTION IMPROVED ELECTRICAL WIRE RETENTION CFM	Previously Complied With	H324729	12/30/2019
Service Bulletin	CHT1-73-0010	IMPROVED ELECTRICAL WIRE RETENTION	Previously Complied With	H324729	12/30/2019
Service Bulletin	CFM56-7B 73-0069	REPLACEMENT OF SOSV ASSEMBLY REMOVAL AND REPLACEMENT OF SHUTTLE VALVE, PISTON, AND SLEEVE ASSEMBLY.	Previously Complied With	H324729	12/30/2019
Service Bulletin	CHT1-73-0013	REPLACEMENT OF SOSV ASSEMBLY Piston and Sleeve Assembly for Sticking Shuttle Valve During Hot Shutdown/Restart Replacement of Shuttle Valve (Matched) Piston and Sleeve Assembly for Sticking Shuttle Valve During Hot Shutdown/Restart	Previously Complied With	H324729	12/30/2019
Service Bulletin	CFM56-7B 73-0067	INTRODUCTION OF HMU P/N 442238 INTRODUCTION OF HMU VIN 442238 (GE	Previously Complied With	H324729	12/30/2019

Commercial

Honeywell

Repair Station # AMO 20-91

Authorizing Document Traceability Sheet**Repair Order:** 2019-338123873-001**Customer:** 3227 DELTA AIR LINES INC

338255056

Customer P/O: 4701110943**Orig Cust:****Part Number:** 442653**Part Desc:** FUEL**Serial No:** BECW1485MFR

Type	Document	Document Description	Compliance	Employee	Date Completed
		1853MP08)WITH NEW HIGH PRESSURE SHUTOFF VALVE(HPSOV) SWITCH ASSEMBLY			
Service Bulletin	CHT1-73-0014	INTRODUCTION OF HMU P/N 442238 Hydromechanical Unit (HMU) PN 442238 (GEAE PN 1853M56P08) With New Airframe Shutoff (AFSO) Switch Assembly PN 2688072	Previously Complied With	H324729	12/30/2019
Service Bulletin	CFM56-7B 73-0075	IMPROVED FMV EXTENSION &FEEDBACK DRIVERS	Previously Complied With	H324729	12/30/2019
Service Bulletin	CHT1-73-0016	IMPROVED FMV EXTENSION &FEEDBACK DRIVERS Valve (FMV) Valve Extension and Feedback Drivers Introduction of Improved Fuel Metering Valve (FMV) Valve Extension and Feedback Drivers	Previously Complied With	H324729	12/30/2019
Service Bulletin	CFM56-7B 73-0080	REPLACMENT OF SHUTOFF SPACER REPLACMENT OF SHUTOFF SPACER 2687048 WITH NEW DESIGN	Previously Complied With	H324729	12/30/2019
Service Bulletin	CHT1-73-0019	REPLACMENT OF SHUTOFF SPACER 2687048 with New Design Replacement of Shutoff Spacer PN 2687048 with New Design	Previously Complied With	H324729	12/30/2019
Service Bulletin	CFM56-7B 73-0093	INTRODUCTION OF IMPROVED TBV EHSV INTRODUCTION OF IMPROVED TRANSIENT BLEED VALVE ELECTROHYDRAULIC SERVO VALVE	Previously Complied With	H324729	12/30/2019
Service Bulletin	CHT1-73-0020	INTRODUCTION OF IMPROVED TBV EHSV Bleed Valve Electrohydraulic Servo Valve Introduction of Improved Transient Bleed Valve Electrohydraulic Servo Valve	Previously Complied With	H324729	12/30/2019

Commercial

Honeywell Limited
800 Aerospace Blvd.
SLEMON PARK PE C0B 2A0
Date:30 DEC 2019

Honeywell

Repair Station # AMO 20-91

Authorizing Document Traceability Sheet

Repair Order: 2019-338123873-001
338255056

Customer: 3227 DELTA AIR LINES INC**Customer P/O:** 4701110943**Orig Cust:****Part Number:** 442653**Part Desc:** FUEL**Serial No:** BECW1485MFR

Type	Document	Document Description	Compliance	Employee	Date Completed
Service Bulletin	CFM56-7B 73-0094	INTRO OF MODIFIED FMV RESOLVER ASSEMBLY INTRO OF NEW METERING VALVE RESOLVER BODY ASSEMBLY	Previously Complied With	H324729	12/30/2019
Service Bulletin	CHT1-73-0021	INTRO OF MODIFIED FMV RESOLVER ASSEMBLY Resolver Body Assembly Introduction of Modified Metering Valve Resolver Body Assembly	Previously Complied With	H324729	12/30/2019
Service Bulletin	CFM56-7B 73-0095	INTRODUCTION OF IMPROVED BSV SOLENOID HYDROMECHANICAL UNIT(73-21-10)-INTRODUCTION OF IMPROVED BSV SOLENOID AND VALVE ASSEMBLY	Previously Complied With	H324729	12/30/2019
Service Bulletin	CHT1-73-0022	INTRODUCTION OF IMPROVED BSV SOLENOID Valve Solenoid And Valve Assembly Introduction of Improved Burner Staging Valve Solenoid And Valve Assembly	Previously Complied With	H324729	12/30/2019
Service Bulletin	CFM56-7B 73-0081	INTRODUCTION OF HMU P/N 442317 INTRODUCTION OF HONEYWELL HMU VIN 442317 (GE 1853M56P09)	Previously Complied With	H324729	12/30/2019
Service Bulletin	CHT1-73-0024	INTRODUCTION OF HMU P/N 442317 Hydromechanical Unit (HMU) PN 442317 (GEAE PN 1853M56P09) Introduction of Honeywell Hydromechanical Unit (HMU) PN 442317 (GEAE PN 1853M56P09)	Previously Complied With	H324729	12/30/2019
Service Bulletin	CHT1-73-0044	S/B superseded by CHT1-73-0047 (73-0193)EDED BY SERVICE BULLETIN ATA NO. CHT1-73-0047 (PUB. NO. D201210000013))..ENGINE AND FUEL	Superseded	H364937	12/11/2019

Commercial

Honeywell

Repair Station # AMO 20-91

Authorizing Document Traceability Sheet**Repair Order:** 2019-338123873-001**Customer:** 3227 DELTA AIR LINES INC

338255056

Customer P/O: 4701110943**Orig Cust:****Part Number:** 442653**Part Desc:** FUEL**Serial No:** BECW1485MFR

Type	Document	Document Description	Compliance	Employee	Date Completed
		CONTROL - HYDROMECHANICAL UNIT - INCORPORATION OF NEW INTEGRATOR SPRING ASSEMBLY FOR ANTI-ROTATION OF BYPASS INTEGRATOR VALVE			
Service Bulletin	CFM56-7B 73-0172	INTRO OF FMV RESOLVER ASSY - 2691312	Complied With	H364937	12/11/2019
Service Bulletin	CHT1-73-0041	INTRO OF FMV RESOLVER ASSY - 2691312 L UNIT (HMU) - INTRODUCTION OF FUEL METERING VALVE RESOLVER MODIFICATION	Complied With	H364937	12/11/2019

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Honeywell Aerospace PEI Honeywell
 Limited 800 Aerospace Blvd. SLEMON PARK PE C0B
 2A0

Customer PO : 4701110943
 Notification No: BECW1485MFR
 Outline No : 442317
 Mod To Outline. :442653

Customer : 3227 DELTA AIR LINES INC
 Service Order No : 5014413768 Sales Order No : 9629977
 Serial No: BECW1485MFR
 Mod to S/N : BECW1485MFR Model No. : N/A

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	442317	BECW1485MFR	M	0	FUEL CONTROL,MAIN,TURBINE ENGINE,INSTL O	5014413768
OUT	442653	BECW1485MFR	M			

REWORK CODE : 300 100 200 450 500

CONDITION CODE : G33 OVERHAUL UNIT - NO DEFECTS

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	2684931		N	1	BLOCK, SHIPPING (NON FUNCTIONAL)	
OUT	2684931		N			

REWORK CODE :

CONDITION CODE : 4450 Wrong part

ACCT IND : 40 Missing / Wrong part

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	2684853-004		N	1	PLUG,THREADED	
OUT	2684853-004		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	2684853-004		N	1	PLUG,THREADED	
OUT	2684853-004		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	442206	ESVAL11472	R	1	SERVO VALVE ELHYD,2S,4W,VSV,INSTL OF	5014426679
OUT	442356	ESVAL19097	R			

REWORK CODE : 800

CONDITION CODE : 101 100% at Overhaul

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	442207	ESVAM11486	R	1	SERVO VALVE ELHYD,2S,4W,VBV,INSTL OF	5014426980
OUT	442361	ESVAM13205	R			

REWORK CODE : 800

CONDITION CODE : 101 100% at Overhaul

ACCT IND :

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Honeywell Aerospace PEI Honeywell
Limited 800 Aerospace Blvd. SLEMON PARK PE C0B
2A0

Customer PO : 4701110943
Notification No: BECW1485MFR
Outline No : 442317
Mod To Outline :442653

Customer : 3227 DELTA AIR LINES INC
Service Order No : 5014413768 Sales Order No : 9629977
Serial No: BECW1485MFR
Mod to S/N : BECW1485MFR Model No. : N/A

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.441995	ESVAN11472	R	1	SERVO VALVE ELHYD,2S,4W,FMV,INSTL OF	5014426982
OUT	442357	ESVAN15922	R			

REWORK CODE : 800

CONDITION CODE : 101 100% at Overhaul

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.442209	ESVAR11458	R	1	SERVO VALVE ELHYD,2S,3W,HPTCC,INSTL	5014426983
OUT	442359	ESVAR14544	R			

REWORK CODE : 800

CONDITION CODE : 101 100% at Overhaul

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.442278	ESVBK11933	R	1	SERVO VALVE,ELHYD, 2S,3W,TBV,INSTL OF	5014426986
OUT	442482	ESVBK13212	R			

REWORK CODE : 800

CONDITION CODE : 101 100% at Overhaul

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.442208	ESVAP11448	R	1	SERVO VALVE ELHYD,2S,3W,LPTCC,INSTL	5014426987
OUT	442360	ESVAP18468	R			

REWORK CODE : 800

CONDITION CODE : 101 100% at Overhaul

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.442309	SVEAD24703	N	1	SOLENOID AND VALVE INSTALLATION OF	
OUT	648010		N			

REWORK CODE :

CONDITION CODE : 5050 Modified per customer request

ACCT IND : 47 Service Bulletin Part

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.442129	SVEAE20659	R	1	SOLENOID AND VALVE INSTALLATION OF	5014427131
OUT	442417	SVEAE34386	R			

REWORK CODE : 800

CONDITION CODE : 101 100% at Overhaul

ACCT IND :

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Honeywell Aerospace PEI Honeywell
Limited 800 Aerospace Blvd. SLEMON PARK PE C0B
2A0

Customer PO : 4701110943
Notification No: BECW1485MFR
Outline No : 442317
Mod To Outline :442653

Customer : 3227 DELTA AIR LINES INC
Service Order No : 5014413768 Sales Order No : 9629977
Serial No: BECW1485MFR
Mod to S/N : BECW1485MFR Model No. : N/A

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	2662330		N	2	BEARING	
OUT	2662330		N			

REWORK CODE :

CONDITION CODE : 101 100% at Overhaul

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	2684504		N	1	RING MATING	
OUT	2684504		N			

REWORK CODE :

CONDITION CODE : 7060 Scored/Scratched

ACCT IND :

ANALYST REMARKS :

MATING SURFACES SCORED

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	2684601		N	1	SCREW,ADJUSTMENT	
OUT	2684601		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	2684599		N	1	COVER ASSEMBLY THREADED	
OUT	2684599		N			

REWORK CODE :

CONDITION CODE : 770 Threads Damaged

ACCT IND :

ANALYST REMARKS :

RUN DOWN TORQUE OUT OF LIMIT

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	2686676	4009JW	U	1	VALVE AND SLEEVE ASSY SPEED SERVO (MATCH	
OUT	2686676	4009JW	U			

REWORK CODE :

CONDITION CODE : 6330 Zyglo NDT

ACCT IND :

ANALYST REMARKS :

CHECK FOR CRACKS

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	2688175	207711-1305	N	1	BODY ASSEMBLY METERING VALVE RESOLVER	
OUT	2691312	150529-14356	N			

REWORK CODE :

CONDITION CODE : 101 100% at Overhaul

ACCT IND : 47 Service Bulletin Part

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Honeywell Aerospace PEI Honeywell
 Limited 800 Aerospace Blvd. SLEMON PARK PE C0B
 2A0

Customer PO : 4701110943
 Notification No: BECW1485MFR
 Outline No : 442317
 Mod To Outline. :442653

Customer : 3227 DELTA AIR LINES INC
 Service Order No : 5014413768 Sales Order No : 9629977
 Serial No: BECW1485MFR
 Mod to S/N : BECW1485MFR Model No. : N/A

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.2688122	0553	N	1	PISTON & SLEEVE ASSY SHUTTLE VALVE (MATC	
OUT	2690877	150592-5212	N			

REWORK CODE :

CONDITION CODE : 6390 Directed per S/B

ACCT IND : 47 Service Bulletin Part

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.2687037	324701-1057	N	1	VALVE & SLEEVE ASSY PRESSURIZING (MATCHE	
OUT	2690952	150529-7112	N			

REWORK CODE :

CONDITION CODE : 6320 Out of limits

ACCT IND :

ANALYST REMARKS :

FAILED AT INCOMING TEST

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.2677082		O	1	SEAT ASSY	
OUT	2677082		O			

REWORK CODE :

CONDITION CODE :

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.2677080		N	1	SEAL	
OUT	2677080		N			

REWORK CODE :

CONDITION CODE : 101 100% at Overhaul

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.2674912		N	1	WASHER, COMPRESSION	
OUT	2674912		N			

REWORK CODE :

CONDITION CODE : 101 100% at Overhaul

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.2674952		N	1	COVER BYPASS	
OUT	2691561		N			

REWORK CODE :

CONDITION CODE : 5050 Modified per customer request

ACCT IND : 47 Service Bulletin Part

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

HoneywellRepair Facility :Honeywell Aerospace PEI Honeywell
Limited 800 Aerospace Blvd. SLEMON PARK PE C0B
2A0Customer PO : 4701110943
Notification No: BECW1485MFR
Outline No : 442317
Mod To Outline. :442653Customer : 3227 DELTA AIR LINES INC
Service Order No : 5014413768 Sales Order No : 9629977
Serial No: BECW1485MFR
Mod to S/N : BECW1485MFR Model No. : N/A

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN----	2691564		N	1	SPRING ASSY	
OUT	2691762		N			

REWORK CODE :

CONDITION CODE : 5050 Modified per customer request

ACCT IND : 47 Service Bulletin Part

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	2687033		N	1	RETAINER	
OUT	2691763		N			

REWORK CODE :

CONDITION CODE : 5050 Modified per customer request

ACCT IND : 47 Service Bulletin Part

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	2687034		N	1	RETAINER ASSEMBLY	
OUT	2691563		N			

REWORK CODE :

CONDITION CODE : 5050 Modified per customer request

ACCT IND : 47 Service Bulletin Part

ANALYST REMARKS :

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NUMBER: 442653 / 1853M56P16

SERIES NUMBER:

CHANGE/MOD RECORD:

[illegible]

CUSTOMER NAME: AVIALL SERVICES

Shipped To:
Aviall Central Warehouse
Dallas CDC Door R22
2750 Regent BLVD
DFW Airport TX 75261-90048
Attn: RONNIE GONZALES

Shipped From:
DELTA AIR LINES
TECHOPS MRO SERVICES
1775 M H JACKSON SERVICE ROAD
ATLANTA, GA 30354

SHIP VIA: FEDEX P1

ACCT #: 123-985-630

REPAIR ORDER#: 46271950

BATCH#: H66445

Manufacturer's Number: 442653

SALES ORDER#: 9001982191 110000



Serial Number: BECW1485MFR

Quantity: 1

Date Processed: 1/15/2020

VALUE: \$	PART STATUS:
RO date:	NEW-
Image:	INSPECT/TEST-
*8130:	REPAIRED-
*Teardown Report:	MODIFIED-
*Customer RO:	OVERHAULED- XXX
*IDD LAST REVISION:	EXCHANGE-
*Misc. Documents:	SCRAPPED-
*HU Number:	RETURN AS IS-

REPAIR COORDINATOR: PETER SISSERSON



Certification Attachment

GE Aviation
940209

3010 Red Hawk Dr.
Suite 100
Grand Prairie, TX
PHONE: 2149603400
FAX: 2149603401
GE Aviation Materials, Inc.

GE Certification Attachment: S179180 : 09/08/16

CUSTOMER: GE AVIATION

SOLD BY: RGORDON

THEIR REF# 95BE35OTHERS

AWB:

TERMS: NET 30

FOB: Grand Prairie

SHIP VIA: FEDEX Priority Freight

CONTACT: christopher.waldorf@ge.com

SHIP TO: Attention: Receiving & Mater dispatch; For WO 632257

INVOICE #: 1230778

1ST & A, STREET

STROTHER FIELD, Arkansas City, KS 67005

USA

LINE#	UNIQUEID	PART#	DESCRIPTION	CD	QTY	ESN
46	948288	390-660-401-0	PLUG (ID Plate Connector, Reconfig)	SV	1	N/A
	SERIAL YJ375856-Y					
47	948289	390-660-401-0	PLUG (ID Plate Connector, Reconfig)	SV	1	N/A
	SERIAL YJ374910-7					
48	948291	390-660-401-0	PLUG (ID Plate Connector, Reconfig)	SV	1	N/A
	SERIAL YJ376071B					
49	948359	3505945-9	STARTER	SV	1	N/A
	SERIAL GRTA3436C					
50	948847	340-402-104-0	MAIN FUEL PUMP	SV	1	N/A
	SERIAL YA010021-H					
51	948850	1853M56P09	HMU	SV	1	N/A
	SERIAL BECW0673					
52	952739	1853M56P09	HMU	SV	1	N/A
	SERIAL BECW1485MFR					
53	994373	442369	HMU	SV	1	894483
	SERIAL BECW5302					
54	1013838	442369	HMU	SV	1	N/A
	SERIAL BECW4553					
55	1032320	828300-5	MAIN FUEL PUMP	SV	1	N/A
	SERIAL YA011721-A					
56	1044655	9387M17P09	Stator, Generator AC	SV	1	704856
	SERIAL HTL10851					
57	1044657	320548-2	VALVE	SV	1	877189
	SERIAL 4155					
58	1044661	340-402-301-0	PT25 SENSOR	SV	1	877189
	SERIAL YC066133-4					
59	1044664	21SN41-52	SWITCH	SV	1	N/A
	SERIAL 296					
60	1046374	FA00631C	FILTER	NS	1	802795
	SERIAL EM384016-W					

ATTACHMENT "E"

PART OR MATERIAL CERTIFICATION FORM

ATA
Specification 106

2. Seller's Name: GE Aviation Materials, Inc.		3. Reference #: S179180	
4. Organization: GE Aviation Materials, Inc. Address: 3010 Red Hawk Dr. Suite 100 Grand Prairie, TX 75052 USA		Phone #: PHONE: (214) 960-3400 FAX #: FAX: (972) 536-8401 SITA/Wire Code: DFWTSXD Status: SURPLUS PARTS SUPPLIER	
5A: Seller's Contract#: 1230778		5B: Buyer's Contract#: BE350THERS	
6. Item Description	8. Manufacturer and Part #	9. Eligibility	10. Qty
1. New Parts/Material Verification: See Attached List	See Attached List	N/A	75 Line Items
11. Serial/Batch Number		12. Status	
See Attached List		See Attached List	
13A. Remarks: ESN: SEE ATTACHED			
16. Name: Nitin Soni GEAM certifies that all material supplied under this Order was not obtained from any U.S. or foreign Government or Military Sources; has not been subjected to any extreme heat or any other form of extreme stress, e.g. Engine Failure, Fire or Accident; are not Non OEM Approved PMA/DER-Repaired parts; to its knowledge, has not been immersed in salt water or otherwise exposed to corrosive agents outside normal operation in accordance with GE Policy 985.00 and ATA106 Specification.			
13B. Obtained From: VARIOUS		13C. Last Certificated Agency: VARIOUS	
14. New Parts/Material Verification: The following signature attests that the part(s) or material(s) identified above was (were) manufactured by a FAA Production Approval Holder (PAH), or to an industry or commercial standard.		18. Used, Repaired, Overhauled, or New Surplus Parts Verification: The following signature attests that the documentation specified above or attached is accurate with regard to the item(s) described.	
15. Signature: Nitin Soni		19. Signature	
16. Name: Nitin Soni Cert Inspector	17. Date: 08-Sep-16	20. Name	21. Date

NOTICE: The above signature binds the signer and the SELLER to the accuracy of the information provided in the Form. Should the information provided in this Form contain inaccuracies or misrepresentations, the signer and the SELLER may be liable for damages and are subject to criminal prosecution under state and federal law.

(Revised 8/95)

75-06-03 R4-14

GE Certified

CUSTOMER: PMA 4-11-11

THEIR REF: 1230778

TERMS: 11/1/00

SHIP VIA: FEDEX

Approving National Aviation Authority/Country Autorité de l'aviation du pays d'approbation/pays Transport Canada		2. SE CERTIFICATE AUTHORIZED RELEASE CERTIFICATE BON DE SORTIE AUTORISÉE TCCA 24-0078		3. Form Tracking No. - N° de référence du bon P/O 04-00443-RO	
4. Organization - Organisme Honeywell Aerospace Inc., PEI Facility 800 Aerospace Blvd. Stimon Park, PEI C0B 2A0 (902) 436-1760		Approved Maintenance Organization No. 20-91 Organisme De Maintenance Agréé No. 20-91		5. Work Order/Contract/Invoice - Bon de travail/contrat/facture T321964	
6. Item	7. Description	8. Part No. - N° de pièce	9. Eligibility - Admissibilité	10. Qty - Qté	11. Serial/Batch No. - N° de série/lot
1	FUEL CONTROL	442317 1853M56P09	TBV BY INSTALLER	1	BECW1485MFR
12. Status/Work - État/travail REPAIRED / MODIFIED					
13. Remarks - Remarques REPAIRED AND MODIFIED I.A.W. CMM 73-21-79 DATED MARCH 01, 2000. COMPLIED WITH S.B.'S CHT1-73-0010R3(73-0053R3), CHT1-73-0012R1(73-0066R1), CHT1-73-0013R2(73-0069R2), CHT1-73-0014R3(73-0067R3), CHT1-73-0016R1(73-0075R1), CHT1-73-0019(73-0080), CHT1-73-0020(73-0093), CHT1-73-0021R1(73-0094), CHT1-73-0022(73-0095), CHT1-73-0024(73-0081) AND CHT1-73-0025(73-0099).					
14. New Parts - Certifies that the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation Des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité. ☐ Non approved design data specified in block 13. Des données de conception non approuvées indiqués à la case 13.					
15. Signature (Authorized/Autorisée) N/A					
16. Approval Ref. - N° d'agrement/de certificat N/A					
17. Name - Nom N/A					
18. Date (DD/MMM/YYYY)/(JJ/MMM/AAAA) N/A					
19. Certifies that, except where otherwise specified in block 13, the work identified in block 12 and described in block 13, was performed in accordance with CAR 571. Le présent bon certifie que, à moins d'indication contraire apparaissant à la case 13, le travail indiqué à la case 12 et décrit à la case 13 a été effectué conformément au RAC 571.					
☒ CAR 571.10 - Maintenance Release. ☒ RAC 571.10 - Certification après maintenance en vertu du RAC 571.10. ☒ Other Regulations specified in block 13. Autre réglementation précisée à la case 13.					
20. Signature (Authorized/Autorisée) Shelly Stewart					
21. Approval Ref. No. - N° d'agrement/de certificat AMO Approval/Approbation No. 20-91					
22. Name - Nom SHELLY STEWART					
23. Date (DD/MMM/YYYY)/(JJ/MMM/AAAA) 07-MARCH-2005					

Installer must cross-check eligibility with applicable technical data - Le monteur doit controvérifier l'admissibilité avec les données approuvées.

USER/INSTALLER RESPONSIBILITIES

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer works 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 parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. Statements 14 and 19 do not constitute installation certification. In all cases the aircraft technical maintenance record must contain a maintenance installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.

RESPONSABILITÉS DE L'USAGER/MONTEUR

Il est important de bien comprendre que de par son existence ce document ne constitue pas forcément l'autorisation d'installer la pièce/composant/ensemble. Lorsque l'utilisateur/monteur(euse) travaille conformément aux règlements nationaux d'une autorité de navigabilité, autre que l'autorité de navigabilité inscrite à la case 1, il est essentiel que l'utilisateur/monteur(euse) s'assure que son autorité de navigabilité accepte les pièces/composants/ensembles de l'autorité de navigabilité inscrite à la case 1. Les déclarations apparaissant aux cases 14 et 19 ne constituent pas une certification de montage. En tout temps le dossier technique de l'aéronef doit contenir une certification après maintenance émise selon les règlements nationaux, par l'utilisateur/monteur(euse), avant que l'aéronef puisse décoller.

ORIGINAL

ORIGINAL

BBJ INVENTORY

BBJ INVENTORY

GEAM CPO P46801					
As of 08/28/10					
Part Number	nomenclature	QTY	COND	Serial nr.	Notes
2042M67P02	EEC	1	SV	FFFFB0182	software installed 7.B.01F3 (P/N 2044M25P05)
1851M50P05	EEC	1	SV	ECDN3982	software installed 7.B.5F2 (P/N 1853M78P28)
1853M56P12	HMU	1	SV	BECW4553	
1853M56P09	HMU	6	SV	BECW1485MFR	
			SV		
			SV	BECW0673	
			SV	BECW2631	
			SV	BECW2573	
			SV	BAMW2331MFR	
3505945-9	starter	2	SV	GRTA1758C	
			SV	GRTA3436C	
1851M36P08	starter	1	SV	GRTA1500C	
3505945-10	starter	1	SV	GRTA2069C	
340-402-105-0	MFP	1	SV	YA010142-Y	
340-402-104-0	MFP	2	SV	YA010021-H	
			SV	YA010344-T	
390-660-401-0	rating plugs	4	SV		



November 22, 2010

GE Aviation Materials, Inc.
3010 Red Hawk Drive
Suite 100
Grand Prairie, TX 75052

Re: Consignment Parts (P46801)

To Whom It May Concern:

This document is furnished pursuant to the consignment agreement between GE Aviation Materials and CFM International, Inc. CFM International, Inc. ("CFM") has placed certain component inventory ("Consignment Parts") on consignment with GE Aviation Materials.

CFM certifies, to the best of its knowledge, that prior to delivery of the Consignment Parts to GE Aviation Materials the Consignment Parts (i) did not include components, parts or materials which were obtained from any U.S. Government or Military Source, and (ii) had not been damaged by severe stress or heat from a major engine failure, accident, fire or incident.

Sincerely,

CFM International, Inc.
Thierry Derrien
Vice-President, Contracts Administration



MEMO OF SHIPMENT

GE ENGINE SERVICES, LLC
GE ENGINE SERVICES, LLC
GENERAL ELECTRIC COMPANY
PO BOX 797
STROTHER FIELD INDUSTRIAL PARK
ARKANSAS CITY KS 67005
USA

SHIPPED TO:

AVIALL
ATTN: SHERMAN STEELE
2750 REGENT BLVD. DOCK R22
SUM RECEIVING
DALLAS TX 75261
USA

THIS MATERIAL PASSED TEST AND INSPECTION
BEFORE SHIPMENT. CHECK IMMEDIATELY FOR
POSSIBLE DAMAGE DURING SHIPMENT. A
DELAYED CLAIM MAY NOT BE ACCEPTED. CLAIMS
FOR LOSS OR DAMAGE SHOULD BE MADE
PROMPTLY UPON THE CARRIER.

CUSTOMER ORDER NUMBER:

R17103007IEKH

MS: 1106853

AMDMT: 0

REF: 11068530430656

TRANSPORTATION TERMS

SHIPPING REFERENCE NO:

FedEx Freight - Priority
7387 0256 6561

MS DATE : SHIPPED VIA:

06-JUN-17 Air Freight

TYPE CHRG:

Pre-Pay

CHARGES:

0.00

CON NBR	PO LINE	CLASS	QTY	OUT PART NBR / DESCR / IN PART NBR	CMPNT CD	PART SERIAL NO	UNIT PRICE	AMOUNT
807980	1	SPEC	1.00	AIRCRAFT ENGINE PARTS AS IS				

ADN Nbr : R17103007IEKH
Country of Origin :

Shop Order Nbr: 633148

Weight/Dimension: 602# 57X48X44

Engine Model: 23 - CFM56-7B

SHIPPED TO:

CHARGES:

UNIT PRICE AMOUNT

THIS IS A PARTIAL SHIPMENT

U.S. DOLLARS TOTAL:

MS INITIATED BY: JH

OF CARTONS: 1

PAGE# 1

END OF THE REPORT

