

0006724309



1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 20190007613024Y15 338255051	
4. Organization Name and Address: Honeywell International Inc 1 Cliff Garrett Drive Anniston AL 36201		Repair Station ZX4R716M		5. Work Order/Contract/Invoice Number: 252066708 338185420 Page 1 of 1	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	VALVE OUTL, HIGH STAGE BLEED AIR-5.5 IN	3290432-2-3	1	675	REPAIRED

12. Remarks: THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH: CMM 36-13-23 Rev 5, MAY/13/2013	
TSN	HH.DD (HH:MM) 74283.00 (74283:00)
TSR	0.00 (0:00)
CSR	0.00
TSO	12950.00 (12950:00)

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 145.4127

13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☒ FRA W98387 02.01.20 07:26 T		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. Al 646612	roval/Authorization No.: 14b. Authorized Signature: <i>Michael Hartley</i>	14c. Approval/Certificate No.: ZX4R716M
13d. Ni 394	e(dd/mm/yyyy): 14d. Name (Typed or Printed): Michael Hartley	14e. Date(dd/mm/yyyy): 30/DEC/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.

NSN : 0052 - 00 - 012 - 9005

FAA FORM 8130 - 3 (02-14)



17 JAN 2020

Honeywell

Commercial

Anniston - Cliff Garrett Dr
Honeywell International Inc
1 Cliff Garrett Drive
Anniston AL 36201
Date: 12 DEC 2019

Repair Station # ZX4R716M

Initial Findings Report

Repair Order: 2019-338185420-001

Customer: 304030 LUFTHANSA TECHNIK AG HAM TB2 INVOICE CONTROL

338255051

Customer P/O: 252066708

Orig Cust:

Part Number: 3290432-2-3

Part Desc: VALVE OUTL, HIGH STAGE
BLEED AIR-5.5 IN

Serial No: 675

Mods:

Series/Issue/Amdts:

Quantity: 1

Aircraft tail#:

Model #: 640 ECS Vlvs

Aircraft S/N#:

Engine S/N:

Date on:

Received Date: 05 DEC 2019

Date off:

Alternate S/N:

TIMES/CYCLES

HH.DD (HH:MM)

Time Since New:

74283.00 (74283:00)

Cycles Since New:

Time Since Overhaul:

12950.00 (12950:00)

Cycles Since Overhaul:

Time Since Repair:

Cycles Since Repair:

Time Since Installation:

Cycles Since Installation:

CUSTOMER REASON FOR RETURN

NOT REPORTED

GENERAL CONDITION AS RECEIVED (HIDDEN DAMAGE)

Condition Received Text

Unit received with minor dents and scratches present, non-detrimental to fit, form or function of valve.

Reason for return code

FAILED TO FUNCTION

Removal Type

Unscheduled

DETAIL DISASSEMBLY / EVALUATION FINDINGS

Failure Description:

None given, Test revealed switches in-op and b'fly binding

Findings:

Switches in-op and b'fly binding

Related Area:

Non-conformance: CONTINUITY OUT OF SPEC

Recurrent Failure:

Failed Part

Part Name

Condition:

Primary Failure

3162926-8

RING PISTON SET

Worn

No - but contributing

3174650-2

SHAFT ASSY, BUTTERFLY

Grooved

No - but contributing

358472-1

BEARING, BALL, ANNULAR

Binding/Sticking

No - but contributing

358472-1

BEARING, BALL, ANNULAR

Binding/Sticking

No - but contributing

881787-13

RING, SET SEAL

Worn

No - but contributing

881787-18

RING, SET SEAL

Worn

No - but contributing

3165736-3

SWITCH ASSY, SENSITIVE

Failed to Function

Yes

SERVICE BULLETINS / AUTHORIZING DOCUMENTS

Authorizing Technical Document

Complied With:

Doc#: CMM 36-13-23 Rev: 5 Date: 05/13/2013

WORK PERFORMED / COMMENTS TO CUSTOMER

Workscope Performed / Summary of Actions Taken

Unit was tested, inspected, cleaned and built per cmm. Test revealed switches in-op

FRA W98387 02.01.20 07:26



Honeywell

Commercial

Anniston - Cliff Garrett Dr
Honeywell International Inc
1 Cliff Garrett Drive
Anniston AL 36201
Date: 12 DEC 2019

Repair Station # ZX4R716M

Configuration And Findings Evaluation

Repair Order: 2019-338185420-001

338255051

Customer P/O: 252066708

Customer: 304030 LUFTHANSA TECHNIK AG HAM TB2 INVOICE CONTROL

Part Number: 3290432-2-3

Orig Cust:

Part Desc: VALVE OUTL, HIGH STAGE
BLEED AIR-5.5 IN

Serial No: 675

Mods:

Series/Issue/Amdts:

Quantity 1

Ship Date:

Received Date: 05 DEC 2019

and b'fly binding. Inspection revealed rings, bearings and shaft binding and worn.

Hardware was replaced to return unit to service.

Action Taken Code

Repaired

Customer Confirmed Removal Reason:

None Given

Evaluation Type

Evaluated - Significant Fault Found

FINAL CONFIGURATION

Part No: 3290432-2-3



S/N: 675



Series/Issues/Amdts:

Mods:

MECHANIC/ANALYST David Webb

DATE: 12 DEC 2019

ANALYTICAL CHECK SHEET FORM

HoneywellRepair Facility : Honeywell R&O, Anniston, AL Repair
Station No : ZX4R716MCustomer PO : 252066708
Notification No: 675
Outline No : 3290432-2-3
Mod To Outline. : 3290432-2-3Customer : 304030 LUFTHANSA TECHNIK AG HAM TB2 INVOICE
Service Order No : 5014413578 Sales Order No : 9629851
Serial No: 675
Mod to S/N : 675 Model No. : 640 ECS Vlvs

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	3290432-2-3	675	M	0	VALVE OUTL, HIGH STAGE BLEED AIR-5.5 IN	5014413578
OUT	3290432-2-3	675	M			

REWORK CODE : 303

CONDITION CODE : AAB CONTINUITY OUT OF SPEC

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	362-580-9005		N	1	GASKET METALLIC	
OUT	362-580-9005		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	3165736-3		R	1	SWITCH ASSY, SENSITIVE	5014435709
OUT	3165736-3		N			

REWORK CODE : 351

CONDITION CODE : 5560 Failed to Function

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	684-533-9007		N	2	SWITCH	
OUT	684-533-9007		N			

REWORK CODE :

CONDITION CODE :

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	3170331-51		U	4	TUBE	
OUT	3170331-51		U			

REWORK CODE :

CONDITION CODE :

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	881787-18		N	1	RING, SET SEAL	
OUT	881787-18		N			

REWORK CODE :

CONDITION CODE : 6780 Worn

ACCT IND :

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

HoneywellRepair Facility :Honeywell R&O, Anniston, AL Repair
Station No :ZX4R716MCustomer PO : 252066708
Notification No: 675
Outline No : 3290432-2-3
Mod To Outline. :3290432-2-3Customer : 304030 LUFTHANSA TECHNIK AG HAM TB2 INVOICE
Service Order No : 5014413578 Sales Order No : 9629851
Serial No: 675
Mod to S/N : 675 Model No. : 640 ECS Vlv

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3166627-2		N	1	EXPANDER RING	
OUT	3166627-2		N			

REWORK CODE :

CONDITION CODE : 3390 Bent

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.881787-13		N	1	RING, SET SEAL	
OUT	881787-13		N			

REWORK CODE :

CONDITION CODE : 6780 Worn

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.858224-11		N	1	RING, PISTON	
OUT	858224-11		N			

REWORK CODE :

CONDITION CODE : 6780 Worn

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3166627-3		N	1	EXPANDER RING	
OUT	3166627-3		N			

REWORK CODE :

CONDITION CODE : 3390 Bent

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.369042		N	1	BEARING, BALL, ANNULAR	
OUT	369042		N			

REWORK CODE :

CONDITION CODE : 5440 Binding/Sticking

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.974386-2		N	1	SEAL ASSEMBLY, SHAFT	
OUT	974386-2		N			

REWORK CODE :

CONDITION CODE : 3510 Chipped

ACCT IND :

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

HoneywellRepair Facility :Honeywell R&O, Anniston, AL Repair
Station No :ZX4R716MCustomer PO : 252066708
Notification No: 675
Outline No : 3290432-2-3
Mod To Outline. :3290432-2-3Customer : 304030 LUFTHANSA TECHNIK AG HAM TB2 INVOICE
Service Order No : 5014413578 Sales Order No : 9629851
Serial No: 675
Mod to S/N : 675 Model No. : 640 ECS Vlbs

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.358472-1		N	1	BEARING, BALL, ANNULAR	
OUT	358472-1		N			

REWORK CODE :

CONDITION CODE : 5440 Binding/Sticking

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3174650-2		N	1	SHAFT ASSY, BUTTERFLY	
OUT	3174650-2		N			

REWORK CODE :

CONDITION CODE : 6970 Grooved

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3167312-4		N	1	GASKET, METAL	
OUT	3167312-4		N			

REWORK CODE :

CONDITION CODE : 3390 Bent

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.358472-1		N	1	BEARING, BALL, ANNULAR	
OUT	358472-1		N			

REWORK CODE :

CONDITION CODE : 5440 Binding/Sticking

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3162926-8		N	1	RING PISTON SET	
OUT	3162926-8		N			

REWORK CODE :

CONDITION CODE : 6780 Worn

ACCT IND :

ANALYST REMARKS :

RFID-Smartlabel

34042287



Ident-Tag Barcode

Ident-Tag

SEE ORIGINAL CERTIFICATE



Lufthansa Technik

Form Tracking Number
20682954

Work Order / Contract / Invoice
34042287

ZID

394646612 S

02.01.2020

Description

VALVE HIGH STAGE BLEED

Part. No.

3290432-2-3

Eligibility

Quantity

1

Status / Work

n/a

Serial-/Batch No.

675

Remarks

TP ? MK-No. 10
FSCM 59364 ATA

Resp. Workshop 33338010 Workshop Station HAM063

Task performed in Accordance with _____
REV _____



Aufnr.:

Kontrolle Fachbereich

SAP - Auftragsnummer 119002089705

Packaging Code:

Seal Pack:Seal bag

Installed on (Information is only required in case of installation only)

PNR NHA

SNR NHA

Position/FIN No. NHA

Station

A/C-Registration

Removed

PNR¹

SNR¹

Position/FIN No.¹

Station¹

A/C-Registration¹

Unit Barcode No.

Removed from NHA (Information is only required in case of part change on next higher assy)

PNR NHA

SNR NHA

Position/FIN No. NHA

Reason for Removal¹

☐ 22 Unscheduled

Complaint No.¹ or WO-Reference¹

☐ 11 Scheduled

Failure Description¹ (Please write in capital letters only)

CCI-ID²

Special Investigation Tag exists ☐ Yes

Stamp or ID Number + Signature^{1/2}

Date¹

Please send back to:(unless other return location is agreed)

LUFTHANSA TECHNIK AG
c/o Lufthansa Technik Logistik Services GmbH
Warenannahme / Goods Receiving
RHEIN-MAIN FLUGHAFEN
60549 FRANKFURT
Deutschland

(LTLS-Information: Use this box for ZID)

¹ Mandatory entries without using CCI-Mask

² Mandatory entries using CCI-Mask