

1. Approving Competent
Authority / Country
CIVIL AVIATION AUTHORITY
UNITED KINGDOM

2.

Authorised Release Certificate EASA Form 1

3. Form Tracking Number

DP-MBP-029409

4. Organisation Name and Address



POWITY
Part of GE's Aviation Business

GE Aviation Systems Ltd trading as Dowty Propellers
Meteor Business Park, Cheltenham Road East, Gloucester, GL2 9QL, UK
T: +44 1452 716201 F: +44 1452 716199 www.ge.com/aviation

5. Work Order / Contract / Invoice

1440L /
R5784917

6. Item

7. Description

1440L BETA FEEDBACK TRANSDUCER (BFT)

8. Part No.

666000615

9. Qty.

ONE

10. Serial No.

12J00527

11. Status / Work

INSPECTED / TESTED

12. Remarks

UNIT INSPECTED/TESTED IAW CMM 61-20-47 REV 9 SUPPLIED CW LOOSE ITEM QTY 1 OFF O-RING P901131. PREVIOUS USAGE/ S.N. UNKNOWN.

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The work identified in Block 11 and described herein has been accomplished in accordance with 14 CFR Part 43 and in respect to that work, the items are approved for return to service under certificate No DQ6Y661X

13a. Certifies that 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. ☒ Part-145.A.50 Release 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 Part-145 and in respect to that work the items are considered ready for release to service.

13b. Authorised Signature

13c. Approval / Authorisation Number

14b. Authorised Signature

14c. Certificate/Approval Ref. No.

UK 145.01055

13d. Name

13e. Date (dd mm-yy)

14d. Name

POWITY
0245

14e. Date (dd mm-yy)

08 Sep 2017

USER/INSTALLER

This certificate does not automatically constitute authority to install the item(s).

RESPONSIBILITY

Where the user/installer performs work in accordance with the regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that

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.

TCCA Approval No: 814-15

The cure dates of any packaged seals within this consignment are as stated on individual packets

Dowty Propellers is a business name of GE Aviation Systems Limited
Registered in England No. 745917.

Registered Office address: Bishops Cleeve, Cheltenham, Gloucestershire GL52 0EF



DOWTY
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Dowty Propellers R&O
EASA PART-145, FAR145
Cert:DQ6Y661X, EN ISO

Strip Report No:	1440L	Supplement:	Customer:	AIRBERLIN
Manual:	61-20-47		Description:	BFT
Rev:	9 - 25/05/2017		Qty:	ONE
Contract / Purchase:	R5784917		Start Date:	03/08/2017

Unit Received Particulars

Part No	Serial No	Time Since New (Hrs)	Time Since Overhaul (Hrs)
666000615	12J00527	N/A	N/A

Customer Order Requirements

Unit for repair:
Reported fault: 'U/S'

FAA 8130-3, EASA Form one release and copy of strip report required

BFT at full modification status:

Mods Found Embodied

S/N 12J00527 As original manufacture

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Inspector	Stamp	Date Completed
		

DPRO 190a - Issue 11/2014



DOWTY
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Dowty Propellers R&
EASA PART-145, FAR145
Cert:DQ6Y661X, EN ISO

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Standard to be produced

Part No	Serial No
666000615	12J00527

Produced Part No
666000615

Mods Recommended For Embodiment

S/N 12J00527	Nil
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Dowty Propellers R&

EASA PART-145, FAR145

Cert:DQ6Y661X, EN ISO

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Manual:	61-20-47		Description:	BFT
Rev:	9 - 25/05/2017		Qty:	ONE
Contract / Purchase:	R5784917		Start Date:	03/08/2017

Work Content & Major Parts Required

Part No: 666000615

Serial No: 12J00527

This Beta Feedback Transducer was returned for repair with a reported fault of:
'U/S'

IAW CMM 61-20-47 Rev 9 pages 135 and 136 the BFT was subjected to incoming coil resistance checks at ambient and then an elevated temperature of 80 degree's and a reduced temperature of -22 degree's and insulation resistance checks at ambient temperature, with no deviation from CMM limits or untoward feature found.

Then performance testing IAW CMM 61-20-47 Rev 9 was carried out at normal test temperature and the BFT passed all test criteria satisfactorily.

The BFT will be recertified and returned to the customer





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EASA PART-145, FAR145

Cert:DQ6Y661X, EN ISO

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Manual:	61-20-47		Part No:	
Rev:	9 - 25/05/2017		Description:	BFT
Contract / Purchase:	R5784917		Qty:	ONE
			Start Date:	03/08/2017

Unit Details

Work Scope:

S/R Sub Units:

Work Authorised:
Repair

- ☒ Tar
- ☐ Warranty
- ☐ Overhaul
- ☐ Repair
- ☐ Reseal
- ☐ Modify
- ☐ Quote
- ☐ Life Assessment
- ☒ Inspection
- ☐ Re-Assembled
- ☐ Investigation

Special Inspection Instructions/Remarks:
Dual release

Fault Inv Report:

N/A

Life Ass Rep No:

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Strip Level:

Nil

Percentage:

0%

Consumed Life:

Inspection Sheet

Strip Report No: 1440L Supplement:

Unit Number:		Description: BFT							Actions Taken		Qty Iss
Index No	Part Number	Description	Qty Per	Qty OK	Qty Scrap	Qty Ber	Qty Def	Qty Rep	Qty Req	Replaced after test	
1-070	P901131	Encapsulated O-Ring	1		1				1		

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