

1. Approving Competent Authority/Country

2.

AUTHORISED RELEASE CERTIFICATE

3. Form Tracking Number

20230013891233Y02
347850080

EASA

EASA FORM 1

4. Organisation Name and Address:

Honeywell UK Ltd T/A
Honeywell Aerospace Yeovil
Bunford Lane, Yeovil
Somerset, BA20 2YD

5. Work Order/Contract/Invoice
R413626
347826264
Page 1 of 1

6. Item	7. Description	8. Part No	9. Qty	10. Serial No.	11. Status/Work
001	OXYGEN SENSOR	3522W000-002	1	5870	REPAIRED

12. Remarks

THE SERVICE SPECIFIED HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH:
CMM 47-42-03 Rev 5, JAN/22/2021

THIS DOCUMENT HAS BEEN ISSUED ACCORDING TO AN APPROVED COMPUTER
GENERATED SIGNATURE PROCEDURE

TSN: 21874:54

CSN: 12950

TSR: 0.00

CSR: 0.00

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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. ☒ 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

14b. Authorised Signature

14c. Certificate/Approval Ref. No

EASA.UK.145.01382

13d. Name

14d. Name

14e. Date (dd mmm yyyy)

17 NOV 2023

USER/INSTALLER RESPONSIBILITIES

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

Where the user/installer performs work in accordance with regulation of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority 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. Approving Competent Authority/Country CAA UK		2.		3. Form Tracking Number 20230013891234Y32 347850090	
4. Organisation Name and Address: Honeywell UK Ltd T/A Honeywell Aerospace Yeovil Bunford Lane, Yeovil Somerset, BA20 2YD		CAA FORM 1		5. Work Order/Contract/Invoice R413626 347826264 Page 1 of 1	
6. Item	7. Description	8. Part No	9. Qty	10. Serial No.	11. Status/Work
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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. 409Y585D

13a. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> approved design data and are in condition for safe operation <input type="checkbox"/> non-approved design data specified in block 12		14a. <input checked="" type="checkbox"/> Part-145, A.50 Release to Service <input checked="" type="checkbox"/> 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.145.01382
13d. Name	13e. Date (dd mmm yyyy)	14d. Name Paul Batten	14e. Date (dd mmm yyyy) 17 NOV 2023

USER/INSTALLER RESPONSIBILITIES

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

Where the user/installer performs work in accordance with regulation of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority 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.

Initial Findings Report

Repair Order: 2023-347826264-001
347850089

Customer: 300002 AJW AVIATION LTD

Customer P/O: R413626

Part Number: 3522W000-002

Orig Cust:

Part Desc: OXYGEN SENSOR

Serial No: 5870

Mods:

Series/Issue/Amdts:

Quantity: 1

Aircraft tail#: N808VL

Model #:

Aircraft S/N#: 37597

Date on:

Received Date: 24 JUL 2023

TIMES/CYCLES

Engine S/N:

Date off:

Alternate S/N:

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

OVERHAUL NGS SYS DEGRADED QUOTATION REQUIRED NO LOG CARD REQUIRED

GENERAL CONDITION AS RECEIVED (HIDDEN DAMAGE)

Condition Received Text

Unit received in used/acceptable condition, caps present on unit, union will be replaced as part of on-receipt test, also Both caps will be replaced as part of repair to minimize any risk of cross contamination.

Reason for return code

OTHER

Removal Type

Unscheduled

DETAIL DISASSEMBLY / EVALUATION FINDINGS

Failure Description:

Findings:

see work accomplished

Related Area:

Non-conformance:

CONTAMINATED OR CORRODED

Recurrent Failure: Yes

Failed Part

Part Name

Condition:

Primary Failure

77300874-5001

SENSOR,OXYGEN

Dirty / Contamination

Yes

3523W070

PRESSURE TRANSDUCER

Dirty / Contamination

Yes

SERVICE BULLETINS / AUTHORIZING DOCUMENTS

Authorizing Technical Document

Complied With:

Doc#: CMM 47-42-03 Rev: 5 Date: 22.01.2021

WORK PERFORMED / COMMENTS TO CUSTOMER

Workscope Performed / Summary of Actions Taken

In accordance with CMM 47-42-03 Rev 5 this unit has failed on receipt test. Unit is contaminated with fuel on examination. (Fuel should not touch the unit). Unit adaptor (fig 1,160) smells of fuel, tested as described in Fig 101 in CMM, this contamination is internal and cannot be seen in any photo. Due to the sensitivity of our other test equipment and risk of cross contamination to other units, no further test will be

Honeywell

Commercial

Honeywell Aerospace Yeovil
Bunford Lane
YEovil
Somerset

Repair Station #

Date: 17 NOV 2023

Configuration And Findings Evaluation

Repair Order: 2023-347826264-001
347850089

Customer: 300002 AJW AVIATION LTD

Customer P/O: R413626

Orig Cust:

Part Number: 3522W000-002

Part Desc: OXYGEN SENSOR

Serial No: 5870

Mods:

Series/Issue/Amdts:

Quantity 1

Ship Date:

Received Date: 24 JUL 2023

carried out on the unit. The unit will be stripped clean and relevant parts ordered to carry out the repair.

Enclosure has been cleaned to NGPS151, Relevant parts have been replaced. New PP02 sensor and new transducer have been fitted. Unit tested to CMM 47-42-03 Rev 5 and has passed all tests.

Action Taken Code

Repaired

Customer Confirmed Removal Reason:

Yes

Evaluation Type

Evaluated - Significant Fault Found

FINAL CONFIGURATION

Part No: 3522W000-002



S/N: 5870



Series/Issues/Amdts:

Mods:

MECHANIC/ANALYST Mark Clunie

DATE: 01 SEP 2023

ANALYTICAL CHECK SHEET FORM

HoneywellRepair Facility :Honeywell Aerospace Yeovil Bunford
Lane YEOVIL SomersetCustomer PO : R413626
Notification No: 000347826264
Outline No : 3522W000-002
Mod To Outline. :3522W000-002Customer : 300002 AJW AVIATION LTD
Service Order No : 5017741546 Sales Order No : 551589991
Serial No: 5870
Mod to S/N : 5870 Model No. :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	3522W000-002	5870	M	0	OXYGEN SENSOR	5017741546
OUT	3522W000-002	5870	M			

REWORK CODE : 303

CONDITION CODE : N24 CONTAMINATED OR CORRODED

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..M3X6-PAN-POSI-A2-ST/STL		N	22	M3X6 PAN POSI TO DIN7985	
OUT	M3X6-PAN-POSI-A2-S		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..M3-FORMA-WSH-BS4320-STL-		N	22	WASHER, BS4320, STL STEEL	
OUT	M3-FORMA-WSH-BS432		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..M3X6-PAN-POSI-A2-ST/STL		N	7	M3X6 PAN POSI TO DIN7985	
OUT	M3X6-PAN-POSI-A2-S		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..M3-FORMA-WSH-BS4320-STL-		N	7	WASHER, BS4320, STL STEEL	
OUT	M3-FORMA-WSH-BS432		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

HoneywellRepair Facility :Honeywell Aerospace Yeovil Bunford
Lane YEOVIL SomersetCustomer PO : R413626
Notification No: 000347826264
Outline No : 3522W000-002
Mod To Outline. :3522W000-002Customer : 300002 AJW AVIATION LTD
Service Order No : 5017741546 Sales Order No : 551589991
Serial No: 5870
Mod to S/N : 5870 Model No. :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	M3X10-PAN-POSI-A2-ST/STL		N	4	M3X10 PAN POSI SCREW	
OUT	M3X10-PAN-POSI-A2-		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	M3-FORMA-WSH-BS4320-STL-		N	4	WASHER, BS4320, STL STEEL	
OUT	M3-FORMA-WSH-BS432		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.77300874-5001	S005458	N	1	SENSOR,OXYGEN	
OUT	77300874-5001	S007731	N			

REWORK CODE :

CONDITION CODE : 7220 Dirty / Contamination

ACCT IND : 44 FOD

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	M3X6-PAN-POSI-A2-ST/STL		N	2	M3X6 PAN POSI TO DIN7985	
OUT	M3X6-PAN-POSI-A2-S		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	M3-FORMA-WSH-BS4320-STL-		N	2	WASHER, BS4320, STL STEEL	
OUT	M3-FORMA-WSH-BS432		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

Honeywell

Repair Facility :Honeywell Aerospace Yeovil Bunford
Lane YEOVIL SomersetCustomer PO : R413626
Notification No: 000347826264
Outline No : 3522W000-002
Mod To Outline. :3522W000-002Customer : 300002 AJW AVIATION LTD
Service Order No : 5017741546 Sales Order No : 551589991
Serial No: 5870
Mod to S/N : 5870 Model No. :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.MS9386-014		N	1	PACKING PREFMD	
OUT	MS9386-014		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3523W070	53556-061	N	1	PRESSURE TRANSDUCER	
OUT	3523W070	13186-073	N			

REWORK CODE :

CONDITION CODE : 7220 Dirty / Contamination

ACCT IND : 44 FOD

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	..300-821-8839-31		N	1	SEAL, BONDED	
OUT	300-821-8839-31		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.RB-82513-22039		N	1	RESTRICTOR ORIFICE	
OUT	RB-82513-22039		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.MS21902K4		N	1	UNION, SPECIAL	
OUT	MS21902K4		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.MS9385-04		N	1	MS9385, PACKING,	
OUT	MS9385-04		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

ANALYTICAL CHECK SHEET FORM

HoneywellRepair Facility :Honeywell Aerospace Yeovil Bunford
Lane YEOVIL SomersetCustomer PO : R413626
Notification No: 000347826264
Outline No : 3522W000-002
Mod To Outline. :3522W000-002Customer : 300002 AJW AVIATION LTD
Service Order No : 5017741546 Sales Order No : 551589991
Serial No: 5870
Mod to S/N : 5870 Model No. :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3523W034		N	1	RETAINER	
OUT	3523W034		N			

REWORK CODE :

CONDITION CODE : 7220 Dirty / Contamination

ACCT IND : 44 FOD

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.SIKA-B80		N	1	FILTER DISK9.0 DIAx2.0 THK	
OUT	SIKA-B80		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3523W043		R	1	ENCLOSURE	5017749823
OUT	3523W043		R			

REWORK CODE : RE1

CONDITION CODE : 7220 Dirty / Contamination

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.3001S03321		N	1	CAP-PLUG, PROTECTIVE	
OUT	3001S03321		N			

REWORK CODE :

CONDITION CODE : 7440 Other

ACCT IND :

ANALYST REMARKS :

	Material	Serial No.	Disp	Qty	Description	Service Order #
IN	.NAS817-4		N	1	CAP	
OUT	NAS817-4		N			

REWORK CODE :

CONDITION CODE : 100% Replacement as Required

ACCT IND :

ANALYST REMARKS :