

1. Approving Civil Aviation
Authority Country:
FAA/UNITED STATES

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA Form 8130-3
AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
N-185426

4. Organization Name and Address

Aviation Technical Services, Inc.
3121 109th St. SW
Everett, WA 98204

FAA Approved
Repair Station No. HN6R593N

5. Work Order/Contract/Invoice Number:
Work Order: 559741
Customer PO: R410577

6. Item:	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1	STAB TRIM ACTUATOR	251A4510-10	1	BP07723	Overhauled

12. Remarks: TSN: 43,844,19 (43,844:11) CSN: 16,933,00 TSO: 0.00 (0:00) CSO: 0.00 Manufactured by: BOEING
Documents describing the actual work performed on work order #559741 are provided. Note: See attached parts usage list for all replacement parts used. The described work was performed in accordance with FAA accepted / approved data for return to service by personnel who were part of a current drug and alcohol testing program as required by 14CFR120.

STABILIZER TRIM ACTUATOR ASSEMBLY OVERHAULED AND BENCH TESTED PER BOEING CMM 27-45-12 REV 58 DATED 01-NOV-2023.

NOTE: POST UMBRA S/B 07322-27-01 BALLSCREW ASSEMBLY INSTALLED.

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 article is considered ready for release to service under EASA Part 145 approval no. EASA 145-4942

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: -N/A-	13c. Approval/Authorization No.: -N/A-	14b. Authorized Signature: <i>Brian Wilkins</i>	14c. Approval/Certificate No.: HN6R593N
13d. Name (Typed or printed): -N/A-	13e. Date (dd/mm/yyyy): -N/A-	14d. Name (Typed or Printed): Wilkins, Brian L	14e. Date (dd/mm/yyyy): 15/DEC/2023

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.



Customer Name	A.J. WALTER AVIATION
Customer RO No	R410577
Manufacturer	BOEING
Job Number	559741

WORK ORDER

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Unit P/N (in) Part Number 251A4510-10 Serial Number BP07723 Workscope Overhauled Description STAB TRIM ACTUATOR Reason for Removal SCHEDULED OVERHAUL Customer Instructions PLEASE OVERHAUL UNDER T&M- QUOTE AND HOLD. RETURN IN CONTAINER SUPPLIED.	Unit P/N (out) Part Number 251A4510-10 Serial Number BP07723 Workscope Overhauled	Cust Part Num FCS REQ N/A Warranty REQ No RII REQ N/A Quantity 1
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Type	Number	Rev	Date	Manual Reference	Location	Notes
CMM	27-45-12	58	01-NOV-23	MBF		

P/N Verified Yes Uncert Mechanic 056209 17-MAY-23	S/N Verified Yes	Preliminary Inspection Repairs Required Yes Comments Verified P/N & S/N Of Unit With Customer Repair Order. TSO: 23588.19, CSO: 9385. Unit due for overhaul.	Life Limited No	AD Required No
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Test N/A Uncert Mechanic 056209 17-MAY-23	Preliminary Functional Testing Comments
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*Issue Disassembly Required To Overhaul Unit Per CMM. Enter By 056209 18-MAY-23 Resolution Disassembled Per CMM Pgs. 306-309 Par. (2) (a)-(bb) Uncert ECA Issue Unit Partially Disassembled Per CMM Pgs. 306-309 Par. (2) (a)-(aj) Uncert 060740 18-MAY-23 ECA Resolution Completed Disassembly Per CMM Pgs. 306-309 Par. (2) (a)-(bb) Uncert 060740 19-MAY-23 Mechanic 056209 19-MAY-23 Inspector 001780 15-DEC-23	Issues and Resolutions
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*Issue Required Assembly Safety Closures. Enter By 056209 22-MAY-23 Resolution Accomplished all safety closures Per CMM Pgs. 728-738, Par. F.(a)-(cm) Uncert ECA Issue Cotter Pins #886 4ea. Require Ok To Close. Uncert ECA Resolution Ok To Close Uncert ECA Issue Nut #916 Lockwire Requires Ok To Close. Uncert ECA Resolution Ok To Close Q/C IS N/A Mechanic 013282 12-DEC-23 Cert 056209 12-DEC-23 Inspector 001780 15-DEC-23	Issues and Resolutions
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*Issue Required Assembly Safety Closures. Enter By 056209 22-MAY-23 Resolution Accomplished all safety closures Per CMM Pgs. 728-738, Par. F.(a)-(cm) Uncert ECA Issue Cotter Pins #886 4ea. Require Ok To Close. Uncert ECA Resolution Ok To Close Uncert ECA Issue Nut #916 Lockwire Requires Ok To Close. Uncert ECA Resolution Ok To Close Q/C IS N/A Mechanic 013282 12-DEC-23 Cert 056209 12-DEC-23 Inspector 001780 15-DEC-23	Issues and Resolutions
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Customer Name	A.J. WALTER AVIATION
Customer RO No	R410577
Manufacturer	BOEING
Job Number	559741

WORK ORDER

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Issues and Resolutions

ECA Issue

Cotter Pin #823 Requires Ok To Close.

Uncert

Cert 056209 12-DEC-23

ECA Resolution

Ok To Close

Q/C IS N/A

Uncert

Mechanic 013282 12-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Nuts #428, 432 & 916 Lockwire Requires Ok To Close.

Uncert

Cert 056209 12-DEC-23

ECA Resolution

Ok To Close

Q/C IS N/A

Uncert

Mechanic 013282 12-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Bolts #452 4ea. Lockwire Requires Ok To Close.

Uncert

Cert 056209 12-DEC-23

ECA Resolution

Ok To Close

Q/C IS N/A

Uncert

Mechanic 013282 12-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Anvil Swaged Staking Ring #396 Requires Ok To Close.

Uncert

Cert 056209 12-DEC-23

ECA Resolution

Ok To Close

Q/C IS N/A

Uncert

Mechanic 013282 12-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Cotter Pin #412B Requires Ok To Close.

Uncert

Cert 056209 14-DEC-23

ECA Resolution

Ok To Close

Q/C IS N/A

Uncert

Mechanic 006457 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Roll Pin #956 Lockwire Requires Ok To Close.

Uncert

Cert 056209 13-DEC-23

ECA Resolution

Ok To Close

Q/C IS N/A

Uncert

Mechanic 006457 13-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Cotter Pins #544 2ea. Require Ok To Close.

Uncert

Cert 056209 14-DEC-23

ECA Resolution

Ok To Close

Q/C IS N/A

Uncert

Mechanic 006457 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Screws #584 4ea. Lockwire Require Ok To Close.

Uncert

Cert 056209 14-DEC-23

ECA Resolution

Ok To Close

Q/C IS N/A

Uncert

Mechanic 006457 14-DEC-23

Inspector 001780 15-DEC-23



Customer Name	A.J. WALTER AVIATION
Customer RO No	R410577
Manufacturer	BOEING
Job Number	559741

WORK ORDER

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Issues and Resolutions

ECA Issue

Spring Pin #40 Requires Ok To Close.

Uncert**Cert** 056209 14-DEC-23**ECA Resolution**

Ok To Close

Q/C IS N/A

Uncert**Mechanic** 006457 14-DEC-23**Inspector** 001780 15-DEC-23**ECA Issue**

Collars #240 Require Ok To Close.

Uncert**Cert** 006457 14-DEC-23**ECA Resolution**

Ok To Close

Q/C IS N/A

Uncert**Mechanic** 006457 14-DEC-23**Inspector** 001780 15-DEC-23**ECA Issue**

Items #288, 244 & 136 Require Ok To Close.

Uncert**Cert** 056209 14-DEC-23**ECA Resolution**

Ok To Close

Q/C IS N/A

Uncert**Mechanic** 013282 14-DEC-23**Inspector** 001780 15-DEC-23***Issue**

Seal Rings # 304 And 977 Are Worn Per CMM Pg. 301 Par. 2. A. (2) (d)

Enter By 056209 22-MAY-23**Resolution**

Installed And Machined Seal Rings Per CMM Repair 17-1 Pg. 601 Par. 2. C. (1) & (2) And Repair 16-1 Pg. 601 Par. 2. B. (1), (2) And (3)

Uncert**Mechanic** 056209 13-DEC-23**Inspector** 001780 15-DEC-23**ECA Issue**

Seal rings #304 and #977 require installation Per CMM Repair 16-1 Pg. 601, Step 2.B.(1) and Repair 17-1 Pg. 601, Step 2.C.(1).

Uncert**Cert** 056209 12-DEC-23**ECA Resolution**

Installed seal rings #304 and #977 Per CMM Repair 16-1 Pg. 601, Step 2.B.(1) and Repair 17-1 Pg. 601, Step 2.C.(1).

Uncert**Mechanic** 056209 12-DEC-23**Inspector** 020292 12-DEC-23**ECA Issue**

Machine Outside Diameter Of Seal Ring (977) On Pinion Gear To 0.791-0.800 Inches, 63 Microinch Finish Then Chamfer Edge Of Seal Ring 45 Degrees By 0.012-0.030 Inches Per CMM Pg. 601 Repair 16-1 Par. 2. B. (2) & (3)

Uncert**Cert** 001060 12-DEC-23**ECA Resolution**

Machined seal ring O/D on pinion gear to .791"-.800" inches and chamfer edge 45 degrees by .012"-.030" per CMM 27-45-12 repair 16-1 para 2.B, steps (2)(3), page 601.

Uncert 010590 12-DEC-23**Mechanic** 001060 12-DEC-23**Inspector** 020292 12-DEC-23**ECA Issue**

Machine Outside Diameter Of Seal Ring (304) On Sleeve Assy To 2.8710-2.8730 Inches, 125 Microinch Finish Per CMM Pg. 601 Repair 17-1 Par. 2. C. (2)

Uncert**Cert** 001060 12-DEC-23**ECA Resolution**

Machined seal ring O/D on sleeve to 2.8710"- 2.8730" inches per CMM 27-45-12, repair 17-1, para 2.C, step(2), page 601.

Uncert 010590 12-DEC-23**Mechanic** 001060 12-DEC-23**Inspector** 020292 12-DEC-23***Issue**

Unit Has Faded And Chipped Paint

Enter By 056209 22-MAY-23**Resolution**

Applied Paint Per CMM Repairs 1-1, 3-3, 3-5, 4-3, 5-2, 7-1, 9-1, 10-1, 13-1 & 14-1

Uncert 060350 07-JUN-23**Mechanic** 056209 13-DEC-23**Inspector** 001780 15-DEC-23



Customer Name	A.J. WALTER AVIATION
Customer RO No	R410577
Manufacturer	BOEING
Job Number	559741

WORK ORDER

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Issues and Resolutions

ECA Issue

Apply BMS 10-11 Type I Primer per CMM 27-45-12 Repairs 1-1, 3-3, 3-5, 4-3, 5-2, 7-1, 9-1, 10-1, 13-1

Uncert

Cert 056209 13-DEC-23

ECA Resolution

Applied BMS 10-11 Type I Primer Per CMM 27-45-12 Repairs 1-1, 3-3, 3-5, 4-3, 5-2, 7-1, 9-1, 10-1, 13-1

Lot# 44563388/445

Uncert 060350 07-JUN-23

Mechanic 056209 13-DEC-23

Inspector 001780 15-DEC-23

* Issue

Gimbals #56 Have Worn Cadmium Plating

Enter By 056209 22-MAY-23

Resolution

Gimbals 2ea. Exchanged With PPE.

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Gimbals (Fig. 2 Item# 56) 2ea. Required Magnetic Particle Inspection Before Being Exchanged.

Uncert

Cert 056209 13-DEC-23

ECA Resolution

Gimbals (Fig. 2 Item# 56) 2ea. Passed Magnetic Particle Inspection Per CMM Pg. 501 Par. 2. B. (2) (c) & Was Recorded On TR-061 DATED: 05/26/2023

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

* Issue

Ballscrew Requires Overhaul S/N: 0157

Unit Was Exchanged With Post UMBRA S.B. 07322-27-01 Overhauled Unit P/N: 07322P000-05

S/N: 2192, Fig. 2. Item# 16 Requires Customer Current Work Scope Validation

Enter By 056209 14-DEC-23

Resolution

Parts & Certs Have Been Reviewed & Are Acceptable For Use On This Unit.

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

* Issue

Functional Test Required.

Enter By 056209 22-MAY-23

Resolution

Passed Functional Test Per CMM Pg. 105-108 Par. D. (2) (a)-(h)

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Primary Brake End Play Check .004"-.010"

Uncert

Cert 056209 14-DEC-23

ECA Resolution

0.008"

Tooling ID: E2760

QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Primary Brake Load Test

Apply 760-840" Lbs. Tension Load, Difference between C/W and C/C/W Torque 120-186" Lbs.

Uncert

Cert 056209 14-DEC-23

ECA Resolution

170"lbs

Tooling ID: E1447

QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Primary Brake Load Test

Apply 760-840" Lbs. Compression Load, Difference between C/C/W and C/W Torque 120-186" Lbs.

Uncert

Cert 056209 14-DEC-23

ECA Resolution

150"lbs

Tooling ID: E1447

QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23



Customer Name	A.J. WALTER AVIATION
Customer RO No	R410577
Manufacturer	BOEING
Job Number	559741

WORK ORDER

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Issues and Resolutions

ECA Issue

Cable Drum Friction Check Less than 140" lbs. C/W & C/C/W

Uncert

Cert 056209 14-DEC-23

ECA Resolution

C/W: 70"lbs C/C/W: 60"lbs

Tooling ID: E1447 QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Auxiliary Brake Check

Apply 500" lb. load to Ballscrew Less than 720" lbs. C/W & C/C/W then contact upper stop

Uncert

Cert 056209 14-DEC-23

ECA Resolution

C/W: 600"lbs C/C/W: 540"lbs

Tooling ID: E12372 QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Apply 660" lb. load to motor input Release less than 187" lbs.

Uncert

Cert 056209 14-DEC-23

ECA Resolution

Release at: 65"lbs

Tooling ID: E1447 QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Load Check 500 lb. Tension Load

C/C/W less than 201" lbs. subtract Friction . Difference less than 77" lbs.

Uncert

Cert 056209 14-DEC-23

ECA Resolution

60"lbs

Tooling ID: E1447 QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Load Check 500 lb. Tension Load

C/W less than 217" lbs. subtract Friction . Difference between 18" & 100" lbs

Uncert

Cert 056209 14-DEC-23

ECA Resolution

50"lbs

Tooling ID: E1447 QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Load Check 500 lb. Compression Load

C/W less than 201" lbs. subtract Friction . Difference less than 77" lbs.

Uncert

Cert 056209 14-DEC-23

ECA Resolution

50"lbs

Tooling ID: E1447 QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Load Check 500 lb. Compression Load

C/C/W less than 217" lbs. subtract Friction . Difference between 18"- 100" lbs.

Uncert

Cert 056209 14-DEC-23

ECA Resolution

85"lbs

Tooling ID: E1447 QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23



Customer Name	A.J. WALTER AVIATION
Customer RO No	R410577
Manufacturer	BOEING
Job Number	559741

WORK ORDER

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Issues and Resolutions

ECA Issue

Clutch Disconnect Check (dynamic)
Upper & Lower Stops, less than 780" lbs. & pinion rotates freely.

Uncert

Cert 056209 14-DEC-23

ECA Resolution

Upper: 660"lbs Lower: 600"lbs
Tooling ID: E12372 QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Clutch Disconnect Check (static)
C/W less than 750" lbs. X 20
C/C/W less than 750" lbs. X 20

Uncert

Cert 056209 14-DEC-23

ECA Resolution

C/W: 600"lbs x 20 C/C/W: 600"lbs x 20
Tooling ID: E12372 QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Pri. & Aux. Brake Pressure Checks 15-17 psi for 3 minutes

Uncert

Cert 056209 14-DEC-23

ECA Resolution

Pri. & Aux. Brakes Both Hold 16psi for 3 Minutes
Tooling ID: E11011 QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

Timing Check
Gap between lower stop & ballnut .150" - .170"

Uncert

Cert 056209 14-DEC-23

ECA Resolution

0.156"
Tooling ID: PER2083 QC IS N/A

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

ECA Issue

All index marks aligned within 10 Deg.

Uncert

Cert 056209 14-DEC-23

ECA Resolution

Per CMM 27-45-12 pgs. 105-108 sec. (2)

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

* Issue

P/N: 69-37970-1 Fig. 2 Item# 56 Requires Customer Current Work Scope Validation.

Enter By 056209 22-MAY-23

Resolution

Parts & Certs Have Been Reviewed & Are Acceptable For Use On This Unit.

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23

* Issue

Housing Cover Assy Has Lockwire Hole Torn Out.

Enter By 056209 19-MAY-23

Resolution

Repaired Housing Cover Per CMM Repair 21-1

Uncert

Mechanic 056209 14-DEC-23

Inspector 001780 15-DEC-23



Customer Name	A.J. WALTER AVIATION
Customer RO No	R410577
Manufacturer	BOEING
Job Number	559741

WORK ORDER

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Issues and Resolutions			
ECA Issue Remove Existing Damage Uncert Cert 056209 19-MAY-23			
ECA Resolution Removed The Existing Damage Per CMM Repair 21-1 Pg. 601 Par. 2. C. (3) Uncert Mechanic 056209 19-MAY-23 Inspector 001780 19-MAY-23			
ECA Issue Machine New Lockwire Hole Uncert Cert 056209 19-MAY-23			
ECA Resolution Machined New Lockwire Hole & Broke All Sharp Edges Per CMM Repair 21-1 Pg. 601-603 Par. 2. C. (4) (b) & (5) & Figure 601 Uncert Mechanic 056209 19-MAY-23 Inspector 001780 19-MAY-23			
ECA Issue Penetrant Inspection Required Uncert Cert 056209 19-MAY-23			
ECA Resolution Passed Penetrant Inspection Per CMM Repair 21-1 Pg. 601 Par. 2. C. (7) & Recorded On TR-061 Dated: 5/24/23 Uncert Mechanic 056209 24-MAY-23 Inspector 001780 15-DEC-23			
ECA Issue Apply Alodine & Touch Up Primer Uncert Cert 056209 14-DEC-23			
ECA Resolution Applied Alodine Per SOPM 20-43-03 & One Coat Of BMS 10-11 Type 1 Per CMM Repair 21-1 Pg. 601 Par. 2. C. (8) & (9) Uncert Mechanic 056209 14-DEC-23 Inspector 001780 15-DEC-23			
* Issue Assembly Required Per CMM. Enter By 056209 22-MAY-23 Resolution Assembled Per CMM Pgs. 728-738 Par. F. (a)-(cm) Uncert Mechanic 056209 14-DEC-23 Inspector 001780 15-DEC-23			
* Issue Magnetic Particle Check Required Per CMM Pg. 501 Par. 2. B. (2) Enter By 056209 22-MAY-23 Resolution All Parts Listed In CMM Pg. 501 Par. 2. B. (2) (Except 2ea. Fig. 2 Item# 552) Passed Magnetic Particle Inspection Per SOPM 20-20-01 & CMM Pg. 501 Par. 2. B. (2) and was recorded on TR-061 Dated: 26-MAY-2023. Uncert Mechanic 056209 26-MAY-23 Inspector 001780 15-DEC-23			
* Issue Penetrant Check Required Per CMM Pg. 501-502 Par. 2. B. (3) Enter By 056209 22-MAY-23 Resolution All Parts Listed In CMM Pg. 501-502 Par. 2. B. (3) Passed Penetrant Inspection Per SOPM 20-20-02 & CMM CMM Pg. 501-502 Par. 2. B. (3) and was recorded on TR-061 Dated: 5-24-23 Uncert Mechanic 056209 24-MAY-23 Inspector 001780 15-DEC-23			
* Issue Primary Housing Fig. 2 Item# 732 has 1ea. pins Item# 552 requires removal. Enter By 056209 26-MAY-23 Resolution Removed 1ea. pin, Fig. 2 Item# 552 pins from housing #732 Per CMM Pgs. 307 Par. (2) (p) Uncert 010590 12-JUL-23 Mechanic 001060 12-JUL-23 Inspector 020292 12-JUL-23			



Customer Name	A.J. WALTER AVIATION
Customer RO No	R410577
Manufacturer	BOEING
Job Number	559741

WORK ORDER

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Work Order Final Inspection		
Cleaned per	CMM Pg. 401 Par. 1. & 2. B. (2)	Uncert Mechanic 056209 24-MAY-23
Inspected per	CMM Pg. 501 Par. 1. & 2. B. (1)-(6) (a)	Uncert Mechanic 056209 26-MAY-23
Passed Final Test per	CMM Pg. 105-108 Par. D. (2) (a)-(h)	Uncert Mechanic 056209 14-DEC-23
Validated that all replacement parts conform to the Manual Reference listed. See attached Components Parts Usage List for discrepancy and parts being replaced.		Cal Tools ID
This Unit Has Been Overhauled	Other Comments Removed from A/C# 4X-EKM TSN: 43844.19 CSN: 16933 TSO: 0 CSO: 0	
The work identified on this work order 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.		
Work Order Final Inspection Signoff		
Mechanic	056209 14-DEC-23	AD Requirement Verified By QC 001780 15-DEC-23
Supervisor	020060 14-DEC-23	
Inspector	001780 15-DEC-23	

CSD-E01 (04/08/2016) Rev 1

Parts Usage List

JOB: 559741 CREW: (all) DASH: (all)

						Return Parts		Deficiency/Identifier		
Item	Cond.	Description	Qty	UOM	SN/Lot	Minimum Returnable Qty		Cond.Code ▲	Deficiency	Fig./Item
251A4550-1	NEW	DRUM ASSY	1	EA	1533536-5	1		REPL	COR	2-848
251A4580-1	NEW	SUPPORT ASSY	1	EA	1533359-6	1		REPL	WRN	2-772
251A4833-1	NEW	LOCKWASHER	1	EA	1542387-1	1		REPL	OTU	2-88
30-2668-1	NEW	PIN	2	EA	1533649-4	1		REPL	WRN	2-552
69-13364-1	NEW	SPRING	4	EA	1530702-1	1		REPL	WEK	2-572
69-13364-2	NEW	SPRING	4	EA	1531040-1	1		REPL	WEK	2-576
69-36083	NEW	SEAL	1	EA	1530725-2	1		REPL	OTU	2-977
69-36083-15	NEW	SEAL RING	1	EA	1533656-8	1		REPL	OTU	2-304A
700-861-8862-99	NEW	LIP SEAL	1	EA	1542408-3	1		REPL	OTU	2-292C
700-863-8862-99	NEW	SEAL	1	EA	1546577-2E	1		REPL	OTU	2-252D
700-867-2272-99	NEW	LIP SEAL	1	EA	1517012-2	1		REPL	OTU	2-108C
BACB10FR25JZ	NEW	BEARING	2	EA	1544416-4E	1		REPL	RGH	2-444A
BACB10FR49JZ	NEW	BEARING	4	EA	1519022-1	1		REPL	RGH	2-872C
BACB10FS06JZ	NEW	BEARING	1	EA	1534267-1	1		REPL	WRN	2-780
BACB10FS16JZ	NEW	BEARING	3	EA	1547879-2	1		REPL	RGH	2-400A/968A
BACC30BL6	NEW	COLLAR (SSS)	4	EA	1533343-1	1		REPL	OTU	2-240
BACN10JD6	NEW	NUT	1	EA	1261035-1	1		REPL	OTU	2-800
BACN10RF36C	NEW	NUT	1	EA	1530861-1	1		REPL	OTU	2-84
BACN10YR3CD	NEW	NUT (SSS)	12	EA	1544994-1	1		REPL	WRN	VARIOUS
BACN10YR4CD	NEW	NUT	26	EA	1535805-1	1		REPL	OTU	VARIOUS
BACN11N6CD	NEW	NUT	1	EA	1530308-3	1		REPL	OTU	2-824A
BACP18BC00C04P	NEW	PIN	2	EA	1282474-1	1		REPL	OTU	2-544
BACP18BC02C06P	NEW	PIN COTTER (SSS)	5	EA	1496880-1	1		REPL	OTU	2-886/412B
BACP18BC03C10P	NEW	COTTER PIN	2	EA	1530982-3	1		REPL	OTU	2-823/796
BACP18BC04C16P	NEW	COTTER PIN	1	EA	1427676-1	1		REPL	OTU	2-4
BACR12Y23	NEW	RING	1	EA	1530858-1	1		REPL	OTU	2-396
BACR15BA5D5C	NEW	RIVET	10	EA	SP9EFSJ	1		REPL	OTU	2-788
BACW10P73S	NEW	WASHER	1	EA	1220395-1	1		REPL	WRN	2-804
M25988-1-110	NEW	PACKING	3	EA	1518142-1	1		REPL	OTU	2-132
M25988-1-160	NEW	O-RING	1	EA	1517228-1	1		REPL	OTU	2-248
M83461-1-211	NEW	SEAL	2	EA	1293054	1		REPL	OTU,WRN	2-980
M83461-1-238	NEW	PACKING	2	EA	1507806-2	1		REPL	OTU	2-580
MS16562-51	NEW	PIN	1	EA	1495103-1	1		REPL	OTU	2-40

Item	Cond.	Description	Qty	UOM	SN/Lot	Minimum Returnable Qty	Deficiency/Identifier		
							Cond.Code ▲	Deficiency	Fig./Item
MS28778-2	NEW	O-RING	1	EA	1430226-1	1	REPL	OTU	2-983
MS28778-4	NEW	PACKING	1	EA	1104226	1	REPL	OTU	2-701
MS29513-113	NEW	O-RING	2	EA	1534476-1	1	REPL	OTU	2-24
MS29513-120	NEW	O-RING	1	EA	1533762-3	1	REPL	OTU	2-28
MS29513-123	NEW	O-RING	1	EA	1542374-3	1	REPL	OTU	2-32
MS29513-132	NEW	O-RING	2	EA	1517010-1	1	REPL	OTU	2-80
MS29513-138	NEW	PACKING	2	EA	1502936-2	1	REPL	OTU	2-312/484
MS29513-141	NEW	O-RING	2	EA	1531482-1	1	REPL	OTU	2-296
MS29513-141	NEW	O-RING	-1	EA	1534175-1	1	REPL	OTU	2-296
MS29513-240	NEW	O-RING	1	EA	1263782	1	REPL	WRN	2-528
MS29513-336	NEW	PACKING	1	EA	1533504-1	1	REPL	OTU	2-708
NAS559-3	NEW	CLIP	1	EA	1534270-2	1	REPL	WRN	2-500
NAS561CF5-22	NEW	PIN	1	EA	1531483-1	1	REPL	OTU	2-956
YAF03B	NEW	BEARING (REPLACES BACB10ET03)	4	EA	1542671-1	1	REPL	RGH	2-896
07322P000-05	OVH	BALLSCREW	1	EA	2192	1	OSR	WRN	2-16A
69-37970-1	SEV	GIMBAL FITTING	2	EA	556192	1	PPE	FWR	2-56
69-37970-1	AIS	GIMBAL FITTING	-2	EA	559741	1	PPE	FWR	2-56
BMS10- 11TY1CLAGRE#PT	NEW	PAINT PRIMER KIT PINT	1	EA	44563388/445	1	--	--	--
CASTROL-AERO40	NEW	HYDRAULIC FLUID QT (BMS3- 32TY2,DPM6177) QUART	2	QT	0001447034	1	--	--	--

Deficiency Code	Description
COR	Corroded
FWR	Finish Worn
OTU	One Time Use
RGH	Rough
WEK	Weak
WRN	Worn

Condition Code	Description
OSR	Outside Services Required
PPE	Piece Part Survey Exchange
REPL	Part Replacement
 Standard replacement and consumable items may not be identified with a deficiency identifier.	