

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 40003701-6331	
4. Organization Name and Address: Intrepid Aerospace, Inc. FAA Certificate # 51TR691B 2900 Hunter Street, Fort Myers, FL 33916, Ph: 239/204-3865, 239/204-3866				5. Work Order/Contract/Invoice Number: 40003701 / 75056637
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:
1	MOTOR ASSY-STABILIZER TRIM	6355C0001-01	1	2630
11. Status/Work: REPAIRED				
12. Remarks: Unit was Cleaned, Inspected and Repaired as Necessary and Tested. Using Approved Standards and Current Technical Data. All work was Performed under Work Order: 40003701 Technical Reference : CMM 27-40-10 REV#11 REV.DATE: DEC 22,2023				
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 Number EASA.145.6464				
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.				
14b. Authorized Signature: 			14c. Approval/Certificate No.: 51TR691B	
14d. Name (Typed or Printed): SANTIAGO VARONA			14e. Date (dd/mm/yyyy): 22 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 block 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.				



Intrepid Aerospace, Inc.
2900 Hunter Street
Fort Myers, FL 33916
Ph: 239/204-3865
Fx: 239/204-3866
FAA Repair Station 5ITR691B
EASA.145.6464

WORK ORDER

Order No. : 40003701
Page No. : 1
Priority : NORMAL
Cust Order No. : 75056637



Customer : VAS AERO SERVICES
Description : MOTOR ASSY-STABILIZER TRIM
Incoming P/N : 6355C0001-01
Incoming S/N : 2630
Work Req : REPAIR

Rcvr. No : 70004678
Departmt. : ACC
Outg. P/N : 6355C0001-01
Outg. S/N : 2630
Work Perf. : REPAIRED

Date Revcd: Dec 19,2023 Date Aprvd : Wnty Claim : NO

MANUALS:

* WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630
Man No.:40000668 Rev#:11 Rev Date:Dec 22,2021 ATA:27-40-10 Review Date:May 22,2023

SPECIAL TOOLS, FIXTURES AND EQUIPMENT LIST:

TE0008,TE0021,TE0034,TE0087,TE0092,TE0220,TE0280-03,TE0303,TE0340,TE0345,TE0358

REASON FOR REMOVAL:

PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630

INSPECTION

CUSTOMER REQUIREMENTS:

FAA AND EASA DUAL RELEASE IS REQUIRED
NO PMA PARTS ARE ALLOWED
NO DER IS ALLOWED

CUSTOMER SPECIAL INSTRUCTIONS:

ALL WORK MUST PER PREFORMED I/A/W THE LATEST OEM CMM INSTRUCTIONS
INSPECTIONS AND REPAIR TASK MUST BE LISTED
BLOCK 13 OF THE ARC OR THE TEARDOWN/SHOP REPORT MUST INCLUDE: THE NAME OF THE M ANUAL
AND/OR MANUAL PART NUMBER OR ATA CHAPTER USED TO PERFORM THE REPAIR, REVISION NUMBER AND
REVISION DATE
COPIES OF THE CDR, DR OR IEN MUST BE ACCMPANY THE PART WHEN RETURNED

PRELIMINARY INSPECTION: Inspector: S.VARONA Date: 12/19/2023

PART NUMBER AND SERIAL NUMBER VERIFIED.

CHECK IF ARTICLE/COMPONENT REQUIRES ANY AD'S Inspector: S.VARONA Date: 12/19/2023

NO AD'S REQUIRED.

HIDDEN DAMAGE INSPECTION REQUIRED: __Yes __X No Inspector: S.VARONA Date: 12/19/2023

NONE REPORTED

PRE-TEST: __X Yes __No Technician: E. BUITRAGO Inspector: S. VARONA Date: 12/19/2023

UNIT FAILS FUNCTIONAL TEST.



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Outg. S/N : 2630
Work Perf. : REPAIRED

Date Revcd: Dec 19,2023 **Date Aprvd :** **Wnty Claim** : NO

Man No : 40000668 **Rev No** : 11 **Rev Date** : Dec 22,2021 **ATA** : 27-40-10 **Review Date** : May 22,2023

Parts Detail

Ln	Part Number	Description	CD	Qty	U/M	Order No.	Reason for Replacemnt	WO No.
1	AEROSHELL 7	GREASE	NE	0	OZ		REPAIR	40003701
2	AXEP-3-GN1 G2	EPOXY GREEN PRIMER	NE	0	OZ		REPAIR	40003701
3	BAC27DCT646	ESD LABEL	FN	1	EA	10012095	DETER	40003701
4	EC-2216 B/A	ADHESIVE- MODIFIED	NE	0			REPAIR	40003701
5	HUMISEAL 1A20	INSULATING COMPOUND	NE	0	OZ		REPAIR	40003701
6	NAS1611-026	PREFORMED PACKING	NE	1	EA	10010539	WORN	40003701
7	NAS1611-028	PREFORMED PACKING	NE	1	EA	10009794	WORN	40003701
8	NAS1611-277A	PERFORMED PACKING		1	EA	10010539	WORN	40003701



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PRE-TEST: ☒ Yes ☐ No Technician: E. BUITRAGO Inspector: S. VARONA Date: 12/19/2023

TEARDOWN:

1) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: UNIT IS DIRTY, IT REQUIRES A PRELIMINARY CLEANING FOR FURTHER INSPECTION.

TECHNICIAN : E. BUITRAGO INSPECTOR: S. VARONA DATE: 12/19/2023

ACTION TAKEN: UNIT WAS PRELIMINARY CLEANED PER REF CMM 27-40-10

TECHNICIAN : E. BUITRAGO INSPECTOR: S. VARONA DATE: 12/19/2023

2) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: UNIT REQUIRES DISASSEMBLY FOR INSPECTION.

TECHNICIAN : E. BUITRAGO INSPECTOR: S. VARONA DATE: 12/19/2023

ACTION TAKEN: UNIT WAS DISASSEMBLED AND INITIALLY INSPECTED PER REF CMM 27-40-10. SEE ITEMS 3-14

TECHNICIAN : E. BUITRAGO INSPECTOR: S. VARONA DATE: 12/19/2023

3) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: INSPECTION REVEALS ESD LABEL DETERIORATED, IT REQUIRES REPLACEMENT.

TECHNICIAN : E. BUITRAGO INSPECTOR: S. VARONA DATE: 12/19/2023

ACTION TAKEN: ESD LABEL WAS REPLACED PER REF CMM 27-40-10.

TECHNICIAN : E. BUITRAGO INSPECTOR: S. VARONA DATE: 12/21/2023

4) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: PREFORMED PACKING ON THE MAIN HOUSING ASSEMBLY IS WORN.

TECHNICIAN : E. BUITRAGO INSPECTOR: S. VARONA DATE: 12/19/2023

ACTION TAKEN: PERFORMED PACKING ON THE MAIN HOUSING ASSEMBLY WAS REPLACED PER REF CMM 27-40-10.

TECHNICIAN : E. BUITRAGO INSPECTOR: S. VARONA DATE: 12/22/2023

5) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: PREFORMED PACKINGS ON CONNECTORS J1(D381) AND J2(D700) ARE WORN.

TECHNICIAN : E. BUITRAGO INSPECTOR: S. VARONA DATE: 12/19/2023

ACTION TAKEN: PREFORMED PACKINGS ON CONNECTORS J1(D381) AND J2(D700) WERE REPLACED PER REF CMM 27-40-10

TECHNICIAN : E. BUITRAGO INSPECTOR: S. VARONA DATE: 12/22/2023

6) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: FILTER PWA REQUIRES CHECKING PROCEDURE TO DISCARD FAILURES.

TECHNICIAN : E. BUITRAGO INSPECTOR: S. VARONA DATE: 12/19/2023

ACTION TAKEN: FILTER PWA WAS CHECKED PER REF CMM 27-40-10. NO DISCREPANCIES NOTED.



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WORK ORDER

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TEARDOWN:

TECHNICIAN : E. BUITRAGO

INSPECTOR: S.VARONA

DATE: 12/20/2023

7) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: CONTROL PWA REQUIRES CHECKING PROCEDURE TO DISCARD FAILURES.

TECHNICIAN : E. BUITRAGO

INSPECTOR: S. VARONA

DATE: 12/19/2023

ACTION TAKEN: CONTROL PWA WAS CHECKED PER REF CMM 27-40-10. SOME POINTS ON THE PRINTED CIRCUIT BOARD WERE RESOLDERED DUE TO COLD SOLDERINGS FOUND. AFTER THAT CONTROL PWA PASSED CHECKING PROCEDURE SATISFACTORILY.

TECHNICIAN : E.BUITRAGO

INSPECTOR: S.VARONA

DATE: 12/20/2023

8) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: DURING TESTING BALL BEARINGS AND GEARS WERE NOISY WHILE MOTOR WAS TURNING, THEY REQUIRE DISASSEMBLY AND CLEANING FOR INSPECTION TO DISCARD FAILURES.

TECHNICIAN : E. BUITRAGO

INSPECTOR: S. VARONA

DATE: 12/19/2023

ACTION TAKEN: BALL BEARINGS AND GEARS WERE DISASSEMBLED, CLEANED AND INSPECTED. GEARS AND BEARINGS IN GOOD CONDITION PER REF CMM 27-40-10.

TECHNICIAN : E.BUITRAGO

INSPECTOR: S.VARONA

DATE: 12/21/2023

9) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: AFTER ANY REPAIR AND FOR ASSEMBLY, GEARS REQUIRE REGREASING.

TECHNICIAN : E. BUITRAGO

INSPECTOR: S. VARONA

DATE: 12/19/2023

ACTION TAKEN: GEARS WERE REGREASED FOR ASSEMBLY PER REF CMM 27-40-10.

TECHNICIAN : E.BUITRAGO

INSPECTOR: S.VARONA

DATE: 12/21/2023

10) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: AFTER CHECKING PROCEDURE OR ANY REPAIR, CONFORMAL COATING REPAIR IS REQUIRED IN SOME OF THE PWA'S.

TECHNICIAN : E. BUITRAGO

INSPECTOR: S. VARONA

DATE: 12/19/2023

ACTION TAKEN: CONFORMAL COATING OF THE PWA'S WAS REPAIRED PER REF CMM 27-40-10.

TECHNICIAN : E.BUITRAGO

INSPECTOR: S.VARONA

DATE: 12/20/2023

11) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: OUTER SURFACE OF THE HOUSING ASSEMBLY REQUIRES COATING RECONDITIONING.

TECHNICIAN : E. BUITRAGO

INSPECTOR: S. VARONA

DATE: 12/19/2023

ACTION TAKEN: OUTER SURFACE OF THE HOUSING ASSY WAS RECONDITIONED AND PAINTED PER REF CMM 27-40-10.



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**TEARDOWN:**

TECHNICIAN : E.BUITRAGO

INSPECTOR: S.VARONA

DATE: 12/20/2023

12) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: LABELS AND IDENTIFICATION PLATE EDGES, REQUIRE COATING RECONDITIONING.

TECHNICIAN : E. BUITRAGO

INSPECTOR: S. VARONA

DATE: 12/19/2023

ACTION TAKEN: COATING OF THE LABELS AND IDENTIFICATION PLATE EDGES WAS RECONDITIONED PER REF CMM 27-40-10.

TECHNICIAN : E.BUITRAGO

INSPECTOR: S.VARONA

DATE: 12/21/2023

13) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: AFTER ALL WORK HAS BEEN PERFORMED, UNIT REQUIRES TESTING TO MEET MANUFACTURER SPECIFICATIONS.

TECHNICIAN : E. BUITRAGO

INSPECTOR: S. VARONA

DATE: 12/19/2023

ACTION TAKEN: AFTER ALL WORK PERFORMED, UNIT WAS TESTED AND IT PASSED FUNCTIONAL TEST PER REF CMM 27-40-10.

TECHNICIAN : E.BUITRAGO

INSPECTOR: S.VARONA

DATE: 12/22/2023

14) WO40003701 PN:6355C0001-01 Desc: MOTOR ASSY-STABILIZER TRIM S/N:2630 Task:40003701-001

FINDING/TASK: PERFORM FINAL INSPECTION ON UNIT.

TECHNICIAN : E. BUITRAGO

INSPECTOR: S. VARONA

DATE: 12/19/2023

ACTION TAKEN: FINAL INSPECTION WAS PERFORMED ON UNIT PER REF CMM 27-40-10. NO DISCREPANCIES NOTED.

TECHNICIAN : E.BUITRAGO

INSPECTOR: S.VARONA

DATE: 12/22/2023

PERFORM FOD INSPECTION: TECHNICIAN : E.BUITRAGO

INSPECTOR: S.VARONA

DATE: 12/22/2023

NO FOD FOUND

MODIFICATION/SERVICE BULLETINS:

NO SB'S OR MOD'S

FINAL TEST: ☒ Yes ☐ No

Test Data Used : CMM 27-40-10 REV#11 REV.DATE: DEC 22,2023

Test Technician : E.BUITRAGO

Date: 12/22/2023

Test Inspector : S.VARONA

Date: 12/22/2023

FINAL INSPECTION:

Inspector : S.VARONA

Date: 12/22/2023

ADDITIONAL COMMENTS:

NONE

MAINTENANCE RELEASE RECORD

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE. OTHER PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Approved return to Service By SANTIAGO VARONA

Date 12/22/2023



Intrepid Aerospace Inc
2900 Hunter Street
Fort Myers, FL 33916

Packing Slip

Date	Invoice #
12/20/2023	90004780

Ship To
Vas Aero Services 645 PARK OF COMMERCE WAY BOCA RATON, FL 33847

Ship Via	P.O. No.	W.O.
Fedex	75056637	40003701

Quantity	Item Code	Description	U/M
1	Parts-Material Labor	P/N 6355C0001-01 MOTOR ASSY-STABILIZER TRIM sn 2630	ea