

1. Approving Civil Aviation Authority/Country:
FAA/United States

3. Form Tracking Number:
2702

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address:
**AvGen Aerospace Services Corp.
7525 W 19 CT
HIALEAH, FL 33014
821R051D**

5. Work Order/Contract/Invoice Number:
2702

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	CSD	735511A	1	B3932	OVERHAULED

12. Remarks:
Unit OVERHAULED in accordance with CMM ATA 24-11-75, Revision 29, issued 6/8/2022. S/B and A/D's: N/A. Full details of work carried out held on Work Order 2702.

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 145.6857

13a. Certifies the items identified above were manufactured in conformity to:
N/A Approved design data and are in a condition for safe operation.
N/A 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

14b. Authorized Signature:


13c. Approval/Authorization No.:
N/A

14c. Approval/Certificate No.:
821R051D

13d. Name (Typed or Printed):
N/A

14d. Name (Typed or Printed):
DAVID ROMARIS

13e. Date (dd/mm/yyyy):
N/A

14e. Date (dd/mm/yyyy):
17/Jan/2024

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft 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 ensure that his/her airworthiness authority accepts aircraft 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.

BUYER



AvGen Aerospace Services Corp.
7525 W 19 CT
HIALEAH, FL. 33014
Phone: (786) 534-3727 Fax:
E-Mail: REPAIRS@AVGENAEROSPACE.COM
FAA #: 821R051D

Work Order #: 23-2702
Work Order Date: 10/20/2023

Tear Down Report

HIDDEN DAMAGE NOTED..... NO

PRIMARY FAILURE: A SCREW IN THE GOVERNOR AND SUPPORT ASSY SAPPED GENERATING METAL CAUSING DAMAGE MAJOR. UNIT REQUIRE REQUIRES HEAVY FLUSHING AND OVERHAULED PER CMM 24-11-75

UNIT WILL BE OVERHAULED IAW CMM 24-11-75.

PARTS REQUIRING REPLACEMENT:

- 10P KIT..... EXPENDABLE SEALS AND GASKET
- LIN R..... PITTED
- OUTPUT GEAR..... DAMAGE
- GEAR PUMP..... DAMAGE
- GEAR SHAFT..... DAMAGE
- CARBON SEAL..... WORN
- SCAVENGE PUMP ASSEMBLY..... DAMAGE
- STUD..... DAMAGE
- BEARING..... PITTED

PUMP AND MOTOR:

- 1 CYLINDER BLOCK..... WORN
- PISTON AND SLIPPER..... BRASS WORN
- BEARING..... PITTED

GOVERNOR AND SUPPORT:

- GEAR..... DAMAGE
- MAGNETIC TRIM..... FAILED RESISTANCE TEST
- GASKET..... MISSING

CARRIER SHAFT:

- SPUR GEAR..... GROOVED
- LINER..... PITTED

Corrective Action: ALL DISCREPANCIES NOTED IN INSPECTION CORRECTED. UNIT ASSEMBLED AND OVERHAULED PER CMM.

Aviation Corp



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P/N:	Parts Used: Description:	Qty:	Cond:	PO#:
687742-2	STUD	1	SV	4208
735511-KIT	CSD-100% KIT	1	NE	13
762948-2	GASKET	2	NE	3000
699120WE	LINER	1	NE	4500
695636	SPUR GEAR	1	SV	4499
695802WE	LINER	1	NE	4500
759061	GEAR SHAFT OUTPUT SPUR	1	NE	4533
756370WE	GEAR SPUR	1	NE	4500
641833	GEAR	2	SV	4456
700327A	MAGNETIC TRIM	1	SV	2957
699332	GEAR	1	SV	2958
699121	BRG RTNER,I/P SHAFT ASSY	1	SV	4501
4004-6-6-28WE	BEARING SET	1	NE	4508
709932WE	GEAR SHAFT	1	SV	4503
A7670A1	MAG PLUG	1	SV	2959
695943	INPUT SEAL	1	SV	2960
695446	RACE,INNER ROLLER	1	SV	3000
700631BGA	PISTON	9	SV	3819
699739B	CYLINDER BLOCK	1	SV	15306
707334A	PUMP ASSY, SCAVENGE	1	SV	2961
4004C8-8-10WE	BEARING SET	3	SV	4507
4004C8-12-12WE	BEARING SET	1	NE	4508
4004C7-7-48WE	BEARING SET	1	NE	4508
NAS1351-3-16P	SCREW	1	SV	3000
MS21043-3	NUT	1	NE	3000
769779	WASHER	1	NE	3000
770399	BRACKET	1	NE	4503
764015-1	GASKET	1	NE	3881
LAPPING	REWORK	1	NE	IN-HOUSE
OVERHAUL	REWORK	1	NE	
DISCOUNT	APPLIED	1	NE	

Final Inspection

Functional Test?: Passed Failed

Work Performed: Overhauled

AD Notes\SB's: N/A



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