

1. Approving Civil Aviation Authority/Country: FAA/United States		2.		3. Form Tracking Number: 197749	
4. Organization Name and Address: 1211 West Melinda Lane Phoenix AZ 85027 (OHRR712K)		5. Work Order/Contract/Invoice Number: 3505564997		6. Status/Work: OVERHAULED	
7. Description: 1 PUMP ASSY. OIL		8. Part Number: 379580-650	9. Quantity: 1	10. Serial Number: 72-52	11. Status/Work: OVERHAULED
12. Remarks: 150256-197749					

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return 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 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:	13c. Approval/Authorization No.:	14b. Authorized Signature: <i>Steve Gardner</i>	14c. Approval/Certificate No.: OHRR712K
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): STEVE GARDNER	14e. Date (dd/mm/yyyy): 30/Nov/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.	

Table 702. (Part No. 379580-All Dashes) Test Data Sheet

Date 11/29/23 Technician C. Ols Total This Run 30 min
Part No. 379580-650 Start Time 1:00
Serial No. 150256-19749 Stop Time 1:30

Test Conditions:

Pump Speed: 4130 to 4170 rpm

Pressure Pump Inlet Pressure: -1.0 in. Hg g to +1.0 psig

Scavenge Pump Inlet Pressure: -1.0 in. Hg g to +1.0 psig

Oil: MIL-L-7808

Oil Temperature: 65 to 115F

Condition	Test/Check	Observation	Requirement	Actual
1.	Pressure Regulator Valve	Oil Flow	3.4-3.6 gpm	<u>3.6</u> gpm
		Discharge Pressure	90-100 psig	<u>91</u> psig
2.a.	Filter Bypass Valve Leakage	Oil Flow	*200 cc/min-MAX	<u>35</u> cc/min
		Filter Housing Pressure	20-40 psig	<u>27</u> psig
2.b.	Filter Bypass Valve Crack Pressure	Filter Housing Pressure	45-65 psig	<u>51</u> psig
2.c.	Filter Bypass Valve Full Flow	Gage (9) minus Gage (7)	90 psid-max (379580-150/-200/-250/-600)	<u>N/A</u> psid
			100 psid-max (379580-300/-350/-400/-450/-500/-550/-650/-700)	<u>92</u> psid

*300cc/min-MAX for overhauled units.

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Table 702. (Part No. 379580-All Dashes) Test Data Sheet (Cont)

Condition	Test/Check	Observation	Requirement	Actual
3.	Filter Element Pressure Drop	Gage (9) minus Gage (7)	20 psi-max above Gage (7)	<u>16</u> psid
4.	Pressure Pump Output Flow	Oil Flow	**6.0 gpm-min	<u>6.2</u> gpm
		Pressure Pump Discharge Pressure	65-75 psig	<u>68</u> psig
5.a.	Scavenge Pump Output Flow	Oil Flow	***11.5 gpm-min	<u>11.6</u> gpm
		Scavenge Pump Discharge Pressure	Open Valve (4)	
5.b.		Oil Flow	****10.5 gpm-min	<u>11.2</u> gpm
		Scavenge Pump Discharge Pressure	55-65 psig	<u>65</u> psig

** 5.0 gpm for overhauled units.

*** 10.5 gpm for overhauled units.

**** 9.5 gpm for overhauled units.

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Galaxy International, Inc.
1658 S. LITCHFIELD ROAD
HANGAR 18
GOODYEAR, AZ 85338
USA
Ph: 623-882-2783, Fax: 623-882-2790

Tear Down/Inspection

Work Order #: 230538

Date Printed: 11/30/2023

Time: 7:30:41 AM

Page: 1

To:

ATTN: MIKE HILLER
OHLINGER INDUSTRIES INC
1211 W MELINDA LANE
PHOENIX, AZ 85027
UNITED STATES OF AMERICA

Ship To:

OHLINGER INDUSTRIES, INC.
1211 W MELINDA LN
PHOENIX, AZ 85027

FORM GI-Q-121B

Ref #: 0091265-00

Code: Oil

Qty: 1

Phone #: 602-285-0911

Site: MAIN

Station:

Fax #: 602-285-5511

PN: 379580-650

Make:

Email: atork@ohlingerind.com

Descr: OIL PUMP

Model:

Mfg: AERO CON

Serial Numbers: 150256-197749

Symptoms:

INCOMING NOTES

VERIFIED PN AND SN
OBTAINED INSPECTION PHOTOS
UNIT APPEARS INTACT

REASON FOR REMOVAL

NOT PROVIDED

WORK REQUESTED

TEST

CERT REQUESTED

C OF C

PRELIM INSPECTION/TEST

UNIT PASSED BENCH TEST

Faults:

NONE

Corrective Actions:

TEST

TESTED UNIT REFERENCING
49-90-33, REVISION 13, 4/1/2002

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Certificate of Compliance
1658 S. LITCHFIELD ROAD HANGAR 18
GOODYEAR, AZ 85338
PHONE: 623-882-2783 FAX: 623-882-2790

We hereby certify that all processes used in the repair/test of these items are compliant with applicable specifications or requirements.

Date: 11/30/2023

Job Number: 230538

Purchase/Repair Order Number: 0091265-00

Customer Part Number: 379580-650

Quantity Shipped: 1

Vendor Part Number: 379580-650

<u>Part Number</u>	<u>Serial Number</u>	<u>Series</u>	<u>Status/Operation</u>
379580-650	150256-197749	1	TESTED

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Authorized Signature: Leonel Alvarez Date: 30/NOV/2023

Name: LEONEL ALVAREZ