

Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
5/1/18	0.0				
			MID ISLAND AIR SERVICE LI MACARTHUR AIRPORT Ronkonkoma, New York 11779 	A/C Reg. No. <u>N4726S</u> Tach Time <u>5971.0</u> A/C Serial No <u>32-1165</u> Date: <u>5/1/2018</u>	
			Installed Factory Rebuilt engine M/N FO -540-E4B5 S/N RL-23384-40E with new shock mounts P/N J3804-27 torqued to specs. Installed new hoses P/N's AE3660001G0120, AE3660001G0180, 624000-4-008.0, 624000-3-016.0, 624000-6-027.50. Replaced oil cooler hoses P/N 566-306 I/A/W AD2017-14-04 next due 6/26 or 6971.0. Installed new oil temp probe P/N 400505. Serviced engine with 12qts of Phillips 20W50 mineral oil. Performed ground-run ops. and leak checks-satisfactory. I certify that this engine has been insp. I/A/W an annual insp. and was determined to be in an airworthy condition.		
			Auth. Signature:	Certificate#	
			MID ISLAND AIR SERVICE LI MACARTHUR AIRPORT Ronkonkoma, New York 11779 	A/C Reg. No. <u>N4726S</u> Tach Time <u>6007.3</u> A/C Serial No <u>32-1165</u> Date: <u>6/4/2019</u>	
			Accomplished 100hr/annual inspection in accordance with FAR 43 App. D Checklist. Performed cyl. compression test, Cyl #1 76/80 #2 73/80 #3 75/80 #4 76/80 #5 77/80 #6 75/80. Drained eng oil removed filter & insp.-satisfactory. Installed new CH48103-1 filter. Serviced eng with 10qts of Phillips 20W50 oil. Serviced spark plugs. AD99-04-04 due by 6221.0. AD2004-10-14 due at prop. strike. AD2017-14-04 due by 6971.0. Performed ground-run ops. and leak checks-satisfactory. I certify that this engine has been insp. I/A/W an annual insp. and was determined to be in an airworthy condition.		
			Auth. Signature:	Certificate#	

Page Total: _____

Brought Forward: _____

Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. FORM TRACKING NUMBER: RL-23384-40E	
4. ORGANIZATION NAME AND ADDRESS: PRODUCTION CERTIFICATE #3 Lycoming Engines [REDACTED] Williamsport, PA 17701					5. WORK ORDER/CONTRACT/ INVOICE NUMBER: MS-498211	
6. ITEM:	7. DESCRIPTION:	8. PART NUMBER:	9. QUANTITY:	10. SERIAL NUMBER:	11. STATUS/WORK:	
1.1	Aircraft Engine	RENPL-RT9961	1	RL-23384-40E	SEE BLOCK 12	
12. REMARKS ENGINE MODEL: O-540-E4B5 Rebuilt to original PAH's specifications in accordance with 14CFR par. 43.3(j) AIRWORTHINESS APPROVAL - ENGINE						
13a. Certifies 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. ___ 14CFR 43.9 Return to Service ___X___ 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:		14c. Approval/Certificate No:	
			[REDACTED]		LYC PC3	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yy):	14d. Name (Typed or Printed):		14e. Date (dd/mm/yy):	
			T. STROUD		06 APR 2018	
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 maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

Log Number
352412
 Is Contract Invoice
 349604
 Is Status Work
 Now
 Inspected by Block 12
 not identified as Block
 not within 14 days
 of the inspection
 and Certificate No.
 (all return 1177)
 Is
 the country specified
 more authority of the
 reviewed to
 570-0032-40-012-0093

Tests, Repairs and Alterations

and Certificate Number of
 entries.)

Each GILL battery manufactured by Teledyne Battery Products (TBP)
 installed after November 15, 2014 is warranted as follows:

- 1) For a period of six, twelve, or twenty-four months (as applicable), or 300 hours or 600 hours of operation, whichever occurs first after the date of installation, TBP will replace at no charge any battery manufactured or supplied by it which within the applicable six or twelve months or 300-hour period is found to be defective in material or workmanship.
- 2) After the expiration of the applicable six or twelve months or 300-hour period described above and before the expiration of the total number of months or number of hours of warranty period applicable to the battery type in question as shown on the chart (see Exhibit A), TBP

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				MID ISLAND AIR SERVICE LI MACARTHUR AIRPORT Ronkonkoma, New York 11779 A/C Reg. No. N4726S Tach Time 6007.3 A/C Serial No. 32-1165 Date: 6/4/2019 Accomplished 100hr/annual inspection in accordance with FAR 43 App. D checklist. Jacked aircraft removed cleaned inspected and serviced wheels and gear. serviced tires brake res. and battery. ELT battery P/N S1840510-01 exp's 1/2024. C/W FAR 91.207 by insp. and functional check of ELT-satisfactory, due 100hr/annual. C/W AD75-24-02 as per SL-763. C/W AD76-07-12R1 by insp/funct.ck. C/W AD77-12-01 by insp. C/W AD78-23-01 by insp. AD99-04-04 due by 6221.0. AD2004-10-14 due at prop. strike. AD 2013-02-13 due by 10/20 or 7303.0. C/W AD2017-14-04 due by oil cooler hoses P/N 566-306 due 6/2026 or 6971.0. Replaced Air filter P/N BA-104. Performed ground-run ops. and leak checks-satisfactory. I certify that this aircraft has been insp. I/A/W an annual insp. and was determined to be in an airworthy condition. Auth. Signature:  Certificate# 

MID ISLAND AIR SERVICE
LI MACARTHUR AIRPORT
Ronkonkoma, New York 11779
[REDACTED]

A/C Reg. No. N4726S
Tach Time 6013.5
A/C Serial No. 32-1165
Date: 7/23/2019

Removed engine cowling. Removed and reinstalled carburetor P/N 10-4404 S/N 75CA1115 after repair by Avstar Fuel Systems (refer to attached form 8130-3). Performed ground-runs operational and leak checks-satisfactory. Reinstalled cowling.

Auth. Signature [REDACTED]

Certificate# [REDACTED]

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 507751	
4. Organization Name and Address: [REDACTED] Inc. Jupiter Florida 33458 Repair Station No.V1RR580Y					5. Work Order/Contract/Invoice Number: 507751	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	MA-4-5 Carburetor	10-4404 (72740-70)	1ea	75CA1115	REPAIRED	
12. Remarks: Repaired in accordance with FAA approved data from the manufacturer's Component Maintenance Manual (Precision Airmotive Maintenance and Overhaul Manual) for all carburetor models, Form No. MSAFSM, Rev:C, Date:23/Jun/2006 or later approved revision, and for Model MA 4-5, MA 4-5AA, MA 5, MA 6AA Carburetors, Form No. FSM-OH2, dated 14/Sep/2006 or later approved revision; and Avstar FAA approved Overhaul Specification, Document No: OS 45, Rev: 0, Date: 27/Feb/2013 or later approved revision. Pertinent details of the repair are on file at this repair station under the work order referenced in block 5.						
13a. Certifies the item 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 13			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:		13c. Approval Authorization No:		14b. Authorized Signature:		14c. Approval/Certificate No:
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): DANIEL ROGERS		14e. Date (dd/mm/yyyy): 18/Jul/2019
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.						

Approving National Aviation Authority / Country : FAA / UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 10093	
4. Organization / Name and Address Aero Accessories, Inc. [REDACTED] Gibsonville, NC 27249						5. Work Order / Contract / Invoice Number: PO# 1659910	

6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial / Batch Number	12. Status / Work
1	DRY AIR PUMP	AA3215CC	N/A	1	R10347	SEE BLOCK 13

13. Remarks

REBUILT TO ORIGINAL PAH'S SPECIFICATION IN ACCORDANCE WITH 14 CFR § 43.3 (j)

19. ☐ 14 CFR 43.9 Return To service ☒ Other Regulation Specified in Block 13
Certifies that unless otherwise specified in block 13, the work identified in block 12 and described in block 13 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.

20. Authorized [REDACTED]	21. Approval/Certificate No.: [REDACTED]
22. Name (Typed or Printed) Victor Harris	23. Date (M / D / Y) Sep/09/2011

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part / component / assembly.

Where the user / installer 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 parts / components / assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 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 Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 6129291	
4. Organization Name and Address TEXTRON AVIATION INC. [REDACTED] Wichita, KS. 67215					5. Work Order/Contract/Invoice Number: 3080622	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
40	KIT MOUNT ENGINE	J3804-27	4	N/A	NEW	
12. Remarks: LOT: 9302024 The article shipped under this approval were produced by : LORD						
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.				☐ Other regulation specified in Block 12 [REDACTED]		
13b. Authorized Signature: [REDACTED]		13c. Approval/Authorization No.: [REDACTED]		13d. Approval/Signature: [REDACTED] 13e. Approval/Authorization No.: [REDACTED]		
13d. Name (Typed or Printed): RANDY MALCOLM		13e. Date (dd/mmm/yyyy): 19/APR/2018		13f. Name (Typed or Printed): [REDACTED] 13g. Date (dd/mmm/yyyy): [REDACTED]		
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.						

Inspections, Tests, Repairs and Alterations
 Performed with Name, Rating and Certificate Number of
 the Facility. (See back pages for other specific entries.)

te: 11/1/2016

28518 operational checks-

icate#_

[illegible]

[illegible]

965-015.
 tory. I certify that this aircraft has been
 ce in an airport [REDACTED]
 Certificate# [REDACTED]

Certificate#

N4726S - Weight and Balance (PA32B-260)

Maximum authorized weight	3400	lbs
Maximum fuel capacity	84.00	gal
Unusable fuel	0.40	gal
Fuel burn rate	14.00	gal/hr

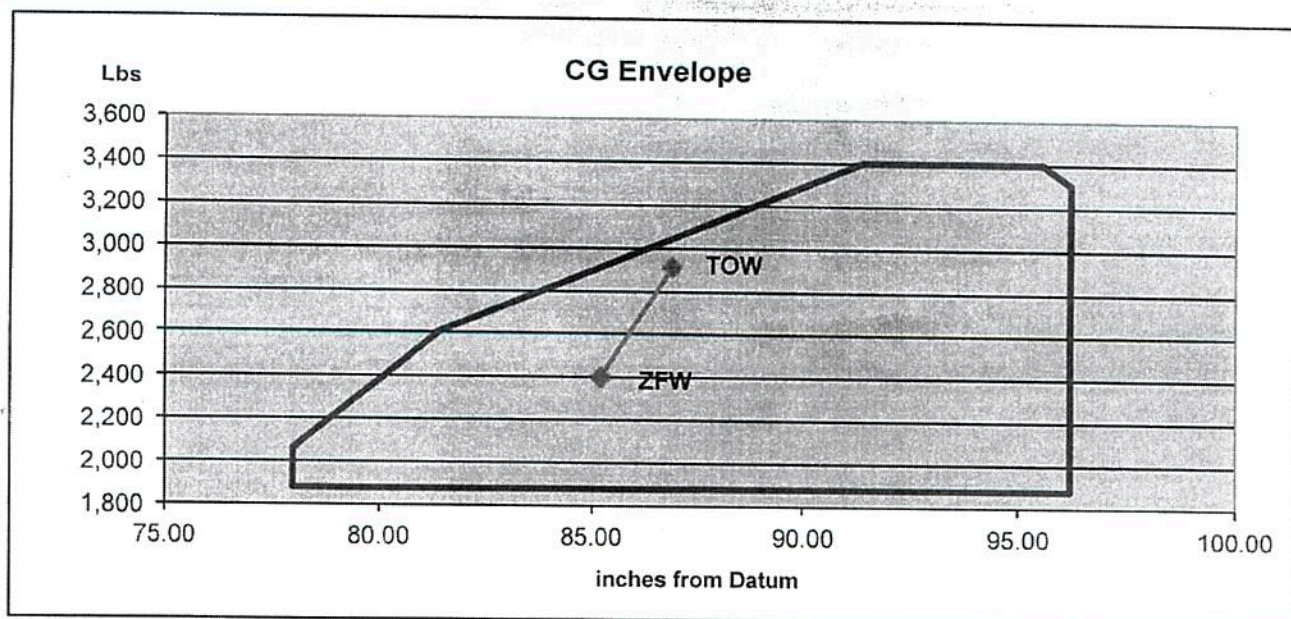
Fuel gives an
est. Flying time:
5 hr 58 min

Conversions

Kg	=>lbs
24	52.9
lbs	=>Kg
1	0.5

	Weight (lbs)	Arm (in)	Moment (lb x in)
Empty Aircraft	1874.8	82.22	154,146
Fuel gal			
84	504.00	95.00	47,880
Pilot #1	185		
Pilot #2	165		
	350.00	85.50	29,925
Passenger #1 (middle)	120		
Passenger #2 (middle)	14		
	134.00	120.20	16,107
Passenger #3 (rear)			
Passenger #4 (rear)			
	0.00	155.70	0
Baggage Front	25	42.00	1,050
Baggage Rear	20	178.70	3,574

Total Take Off	2908	86.90	252,682
Total Zero Fuel	2404	85.20	204,802
Available Payload	492		



TOW = Take Off Weight
ZFW = Zero Fuel Weight

MID ISLAND AIR SERVICE
LI MACARTHUR AIRPORT
Ronkonkoma, New York 11779
Phone [REDACTED]

A/C Reg. No. N4726S
Tach Time 6013.5
A/C Serial No. 32-1165
Date: 7/23/2019

Removed engine cowling. Removed and reinstalled carburetor P/N 10-4404 S/N 75CA1115 after repair by Avstar Fuel Systems (refer to attached form 8130-3). Performed ground-runs operational and leak checks-satisfactory. Reinstalled cowling.

Auth. Signature [REDACTED] Certificate# [REDACTED]

AIRCRAFT INSPECTION SHEET

Aircraft Reg. No. N4726S
Aircraft Mod. No. PA38-260
Aircraft Ser. No. 32-1165

Date: 6/4/2019

Tach Time: 6007.3
Hobbs Time: 1430.4
Heater Hobbs: N/A

Airframe Total Time: 6007.3

Left Eng. Total Time: 36.0
M/N O-540 E4B5 S/N RL-23384-40E
Right Eng. Total Time:

Left Eng. TSOH:

Right Eng. TSOH:

Left Prop. Total Time: 1622.6

Left Prop. TSOH:

Right Prop. Total Time:

Right Prop. TSOH:

FAR 91.207 Due Date: 7/1/2020

ELT Battery Due: 1/2024

Transponder Recirt. Due: 2/1/2020
Altimeter and encoder Recirt. Due: 2/1/2020
Static Sys. Check Due: 2/1/2020
Correspondence check Due: 2/1/2020

Oxygen Bottle Recirt. Due: N/A
Emergency gear Bottle Due: N/A

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 507751	
4. Organization Name and Address: Avstar Fuel Systems, Inc. Jupiter Florida 33458 Repair Station No.V1RR580Y					5. Work Order/Contract/Invoice Number: 507751	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	MA-4-5 Carburetor	10-4404 (72740-70)	1ea	75CA1115	REPAIRED	
12. Remarks: Repaired in accordance with FAA approved data from the manufacturer's Component Maintenance Manual (Precision Airmotive Maintenance and Overhaul Manual) for all carburetor models, Form No. MSAFSM, Rev:C, Date:23/Jun/2006 or later approved revision, and for Model MA 4-5, MA 4-5AA, MA 5, MA 6AA Carburetors, Form No. FSM-OH2, dated 14/Sep/2006 or later approved revision; and Avstar FAA approved Overhaul Specification, Document No: OS 45, Rev: 0, Date: 27/Feb/2013 or later approved revision. Pertinent details of the repair are on file at this repair station under the work order referenced in block 5.						
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13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
				DANIEL ROGERS		18/Jul/2019
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.						