



The Standard
 ENGINE LOG

PIEDMONT AVIATION SERVICES, INC.
WINSTON-SALEM, N. C.

ASA-SE-2

Hb $\leq$ 11g/dL

Hb $\leq$ 11g/dL

11g/dL

Hb $\leq$ 11g/dL

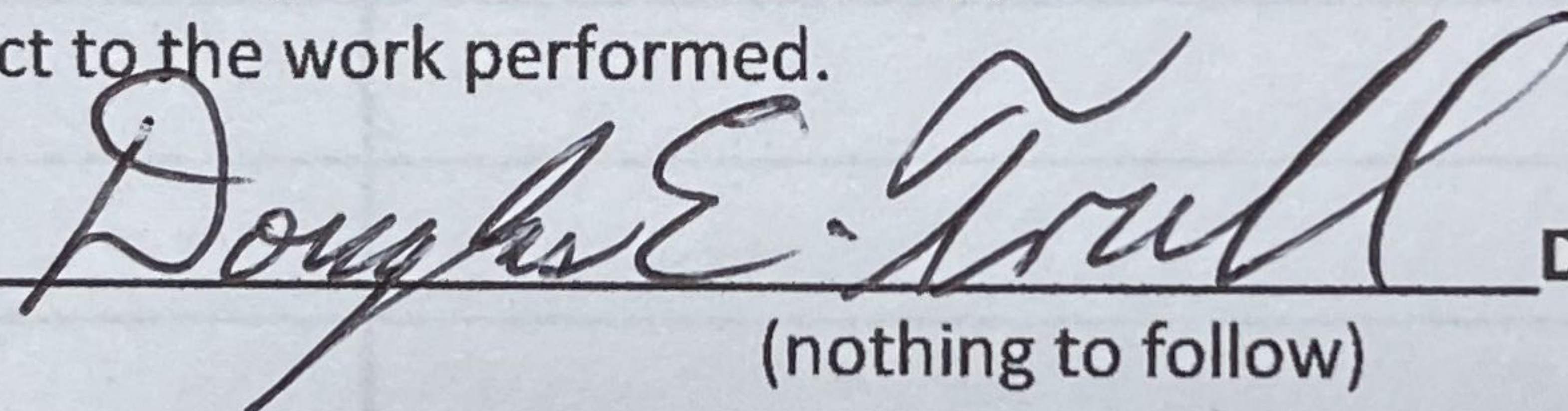
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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N4532B Grumman Tiger AA-5B s/n#: 1169 Tach: 2679.21 AFTT: 2679.21 December 16th, 2021
 Lycoming O-360-A4K s/n#: L-26321-36A TTSN: 2679.21 SMOH: 630.91

At customer's request, removed the four top sparkplugs, Champion REM38E, and installed customer provided, four new
 Tempest brand, UREM37BY sparkplugs. Oil was drained, filter and screen checked for foreign objects, none found. Removed old
 oil filter, Tempest AA48110-2 and installed one new Tempest Oil Filter AA48110-2 and seven quarts of new Phillips XC20W50 oil
 and 8 oz. of CamGuard oil additive. Operational check for leaks proved good without leakage. Ops check of mag drop checks
 within limits with the four new plugs. Installation was accomplished in accordance with manufacturers installation instructions
 and FAR Part 43 guidance.

All maintenance was performed using the Grumman American AA-5B Maintenance Manual and the Lycoming Engine
 Maintenance Manual for O-360-A4K engine. This aircraft is approved for return to service and is determined to be in an
 airworthy condition with respect to the work performed.

Douglas E. Trull, A&P 4110732


 (nothing to follow)

December 16th, 2021

DATE 19__	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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N4532B S/N: AA5B-1169 Tach: 2523.83 Hobbs: 1929.7 February 4, 2020
 Engine: O-360-A4K S/N: L-26321-36A Eng. TT: 2523.83 SMOH: 1138.67

I certify this engine has been inspected with an Annual Inspection and has been determined to be in an airworthy condition
 IAW American AA-5B Maintenance Manual & Lycoming O-360 Maintenance Manual. This engine has been determined to be in
 an airworthy condition with respect to the work performed.

B-N-B Aircraft Services LLC
 Bessemer, AL (KEY)

Edward C. Vigne, A&P/IA 2876861

N4532B American Tiger Aircraft S/N: AA5B-1169 Tach: 2621.51 March 05, 2021
 Engine: Lycoming O-360-A4K S/N: L-26321-36A Eng. TT: 2621.51 SMOH: 573.41

Complied with a 100 Hour Inspection in accordance with American Aircraft AA5B Aircraft Maintenance Manual & Lycoming O-
 360 Series Operators Manual Inspection Requirements. Performed a compression check; 1) 76/80, 2) 77/80, 3) 79/80, 4) 76/80.
 Inspected air intake filter, cleaned and reinstalled. Drained engine oil and removed oil filter, and inspected oil screen, no
 particles observed, reinstalled screen with new crush gasket & safety wired. Cut open oil filter, no particles found. Installed one
 new Tempest AA48110-2 oil filter (customer supplied) and 7 quarts Phillips XC 20W50 oil and 11 ounces CamGuard oil additive
 (both customer supplied). Replaced one AN900-20 crush gasket under engine oil pressure regulator valve due to oil seepage. I
 certify this engine has been inspected IAW a 100 Hour Inspection and has been determined to be in airworthy condition. This
 engine has been determined to be airworthy with respect to work performed.

B-N-B Aircraft Services LLC
 Bessemer, AL (KEY)

Douglas E. Trull, A&P 4110732

Douglas E. Trull

Hb ≤ 11g/dL

DATE 19__	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-16-19	Tach: 2414.77			T.S.M.O. 366.67 Performed an annual inspection on this engine using FAR 43 appendix D as a guide. Comp. CK. #1 77/80 #2 68/80 #3 70/80 #4 70/80. Oil not changed at this time due to low hours. Cleaned, gapped and tested plugs. Checked mag timing. A.D. checked to date. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
				Douglas E. Trull A.P. 3647522 FA

N4532B S/N: AA5B-1169

Tach: 2523.83

Hobbs: 1929.7

February 04, 2020

Engine: O-360-A4K

S/N: L-26321-36A

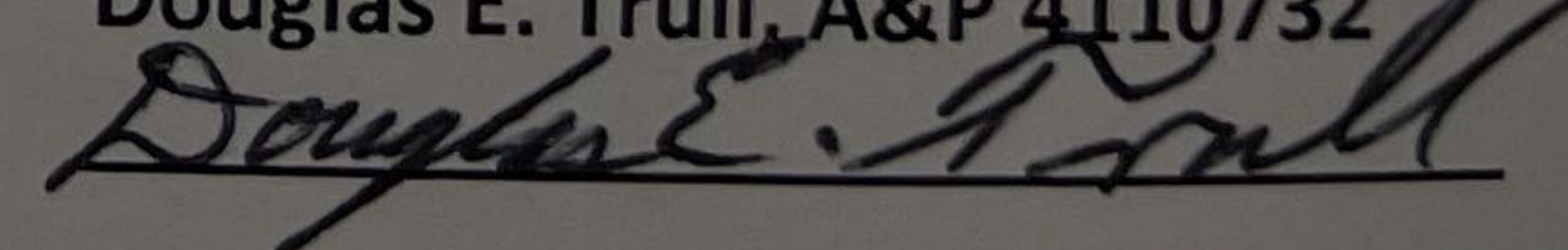
Eng. TT: 2523.83

SMOH: 1138.67

Complied with a 100 Hour Inspection in accordance with American Aircraft AA-5B Aircraft Maintenance Manual & Lycoming O-360 Series Operators Manual Inspection Requirements. Performed a compression check; 1) 80/80, 2) 78/80, 3) 80/80, 4) 79/80. Inspected air intake filter, clean, reinstalled. CW AD 81-24-03 and Gulfstream American Service Letter No. 81-1, pertaining to air box and filter inspection. I certify this engine has been inspected IAW a 100 Hour Inspection and has been determined to be in airworthy condition. This engine determined to be airworthy with respect to work performed.

B-N-B Aircraft Services LLC
Bessemer, AL (KEY)

Douglas E. Trull, A&P 4110732



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DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

11-3-16

Tach: 2255.4

T.S.M.O. 207.3

Performed an annual inspection on this engine using FAR 43 appendix D as a guide. Comp. CK. #1 78/80 #2 78/80 #3 78/80 #4 75/80. Oil not changed at this time due to low hours. Cleaned, gapped, and tested plugs. Checked mag timing. A.D.'s checked to date. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in air-worthy condition.

Donah J. P. A.P. 3645522IA

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DATE 19__	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-4-15	2213.7			TSMO 165.6 Performed an annual inspection on this engine using FAR 43 appendix D as a guide. Comp CK #1 74/80 #2 71/80 #3 72/80 #4 72/80. Drained oil & pulled filter, no metal noted. Serviced with 7qfs Aeroshell 15W50 & AA48110-2 filter. Cleaned, gapped & rotated plugs, checked mag timing. A.D. ^S checked to date. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Donal [Signature] A.P. 3647522 FA
6-23-16	Tach: 2240.8			Drained oil & pulled filter, no metal noted. Serviced with 7qfs Phillips 20W 50 & AA48110 filter. Donal [Signature] A.P. 3647522

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DATE 19__	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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N4532B 1929.6 Hobbs 2137.04 Tach

Performed Annual inspection on this engine IAW FAR 43 appendix D. Compression check 1:77/80, 2:78/80, 3:78/80, 4:78/80. ADs checked to date. Oil not changed at this time due to low hours. Removed, cleaned, gaped, plugs. Magneto timing checked good. Ground ran engine and systems checked good. No leaks noted at this time. I certify that this engine has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Gary D Burnett

Gary D Burnett AP 3377506 IA 7-1-2013

8-1-14 Tach 2174.46 TS MO 126.36

Performed an annual inspection on this engine using FAR 43 appendix D as a guide. Comp. CK #1 74/80 #2 72/80 #3 74/80 #4 72/80. Cleaned gapped & tested plugs. Checked mag timing. ADs checked to date. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Donald J. Stapp AIP 3647522 #A

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DATE 19__	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-14-12	2105.22	TS MD 57.12		Performed an annual inspection on this engine. Comp. CK #1 77/80 #2 78/80 #3 77/80 #4 77/80. Oil not changed at this time due to low hours. cleaned, gapped, & tested plugs. Checked mag timing. A.I.D. 2012-03-07 HA-6 carburetor machined from billet N/A type not installed A.I.D. checked to date. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Donal Staff AIP 423941612
10-18-12	Tach 2119.74			Drained oil & pulled filter. no metal noted oil sample taken. Serviced engine with 7qts Aeroshell 15W50 & AA48110-2 filters. Ground run & no leaks found. Donal Staff AIP 423941617.

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1-11-11	Tach 2048.1			O: S.M.O.H. Reinstalled this engine after major overhaul by Zephyr Aircraft Engines. Flushed oil cooler and all fluid carrying hoses. Reinstalled using same mounts and hardware. Serviced engine with 7qt's AeroShell W100 mineral oil. all work performed in accordance with Cessna and Lycoming maintenance manuals. Donald Huff A.P. 423941617.
5-1-11	Tach 2054.02			TSMO: 5.92 Performed an annual inspection on this engine. Comp. CK #1 78/80 #2 78/80 #3 78/80 #4 78/80. Oil not changed at this time. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Donald Huff A.P. 423941617 FA

DATE 19__	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-11-10	Tach	2048.1		Removed engine this date for tear down inspection due to prop strike. Donald Stoffer ARP 423941617

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts limits by Zephyr Aircraft Engines, Inc. Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed. Reassembled in accordance with manufacturer's current overhaul manual. Engine test run. All applicable Airworthiness Directives are in compliance. See A.D. list supplied. A description of these repairs is on file at this agency under:

W.O. # 210221

DATED 12-17-2010

MFG. LYCOMING

MODEL O-360-A4K

Serial No. 2-26321-36A

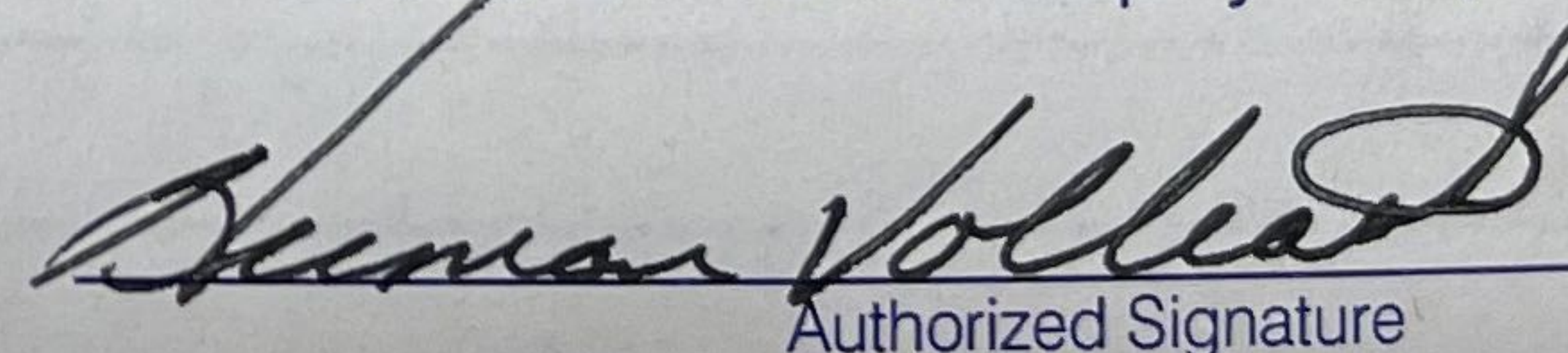
Time in svc. _____

O: S.M.O.H.

Zephyr Aircraft Engines, Inc.

Municipal Airport

39320 B Avenue Zephyrhills, FL 33542


Authorized Signature

F.A.A. APPROVED REPAIR STATION #VI 4R597M

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Book #1

N4532B

GRUMMAN



AMERICAN AVIATION
CORPORATION

P.O. BOX 2206, SAVANNAH, GEORGIA 31402

ENGINE LOG

GRUMMAN
TIGER
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The Standard
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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
N4532B Grumman Tiger AA-5B s/n#: 1169 Tach: 2646.11 AFTT: 2646.11 September 14 th , 2021				

At customers request I removed one 12 volt, master solenoid by White-Rogers, p/n 111-140D and removed one 12 volt, starter solenoid, manufacturer and model unknown. Installed one new 12 volt, master solenoid by Sky-Tec, model # STS-M12, Serial # S2M-431655 and installed one new 12 volt, starter solenoid by Sky-Tec, model # STS-S12, Serial # S2S-431655. Operational checks show good. All maintenance was performed using the Grumman American AA-5B Maintenance Manual. This aircraft is approved for return to service and is determined to be in an airworthy condition with respect to the work performed.

Douglas E. Trull September 14th, 2021
(nothing to follow)

FAA - PMA

This tag certifies that Sky-Tec Model No. STS-S12
Serial No. S2S-431655 was manufactured new on 25 Oct 2016
by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
Supplement No. 11 in accordance with Sky-Tec's
FAA-Approved Quality System (14CFR Part 21, Subpart K).
This article has been determined to be airworthy.
For installation eligibility see www.skytecair.com/eligibility.htm

Installed on N 4532B by Douglas E. Trull
(Aircraft) (Mechanic)

A&P 4110732
SEP. 14, 2021

Form CC1108-1

FAA - PMA

This tag certifies that Sky-Tec Model No. STS-M12
Serial No. S2M-431655 was manufactured new on 25 Oct 2016
by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
Supplement No. 11 in accordance with Sky-Tec's
FAA-Approved Quality System (14CFR Part 21, Subpart K).
This article has been determined to be airworthy.
For installation eligibility see www.skytecair.com/eligibility.htm

Installed on N 4532B by Douglas E. Trull
(Aircraft) (Mechanic)

A&P 4110732
SEP. 14, 2021

Form CC1108-1

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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)
				N4532B Grumman Tiger AA-5B s/n#: 1169 Tach: 2625.10 AFTT: 2625.10 July 12 th , 2021

Removed one Concord brand 12 volt, aviation main battery, Model # RG-25XC and installed one new Concord brand 12 volt, aviation main battery, Model # RG-25XC. Installation was accomplished in accordance with manufacturers installation instructions and FAR Part 43 guidance. Operational checks good.

All maintenance was performed using the Grumman American AA-5B Maintenance Manual. This aircraft is approved for return to service and is determined to be in an airworthy condition with respect to the work performed.

BNB Aircraft Services, LLC. Shelby County Airport Alabaster, Alabama
Edward Vigne, A&P/IA 2876861

(nothing to follow)

July 12th, 2021

N4532B Grumman Tiger AA-5B s/n#: 1169 Tach: 2646.11 AFTT: 2646.11 September 14th, 2021

Installed one, supplemental Landing Height System (customer provided) [LHS] by Microkit Solutions, LLC., model # LHS-100-B, Serial # 61331970. Laser module mounted inside and under right wing on top of the inspection plate in front of the right main landing gear. Installation was accomplished in accordance with manufacturers installation instructions and FAR Part 43 guidance.

All maintenance was performed using the Grumman American AA-5B Maintenance Manual. This aircraft is approved for return to service and is determined to be in an airworthy condition with respect to the work performed.

Douglas E. Trull, A&P 4110732

(nothing to follow)

September 14th, 2021

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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.)

IFR CERTIFICATION

FLIGHT CONTROL SERVICES CRS #OFHR414L
5550 N. AIRPORT RD MILTON FL 32583
(850) 665-2130

ALL TESTING IN ACCORD WITH FAR PART 43 APP E & F

CASE LEAK @ 18K FT 10 FOR 1 MINUTE
HYSTERESIS 50% + 25 40% + 20
AFTER EFFECT + 10 AFTER 5 MINUTES

BARO SCALE ERROR	ENCODER ERROR
28.10 - <u>1725</u>	ALT READS ENCODER READS
28.50 - <u>1345</u>	1300 -50
29.00 - <u>855</u>	2600 -45
29.50 - <u>405</u>	6800 -45
29.92 - <u>0</u>	14800 -50
30.50 + <u>530</u>	20000
30.90 + <u>895</u>	30700
30.99 + <u>985</u>	50000

TRANSPONDER TESTS

REPLY FREQ ☒ MTL TEST ☒ MODE A ☒
90% REPLY? ☒ SLS TEST ☒ MODE C ☒
SURPRESSION ☒ POWER ☒ MODE S ☒

AUTHORIZED SIGNATURE [Signature]
DATE OF TESTING 4/23/2021

☐ FOR DUAL ALTIMETER SYSTEM PILOT'S
ALTITUDE ERROR IS RECORDED FIRST

ALTITUDE	LIMIT	ERROR	FRICTION
-1000	20	15	
0	20	10	
500	20	15	
1000	20	15	25
1500	25	15	
2000	30	10	20
3000	30	10	25
4000	35	15	
5000			25
6000	40	5	
8000	60	-20	
10000	80	-25	30
12000	90	-35	
14000	100	-35	
15000			30
16000	110	-30	
18000	120	-30	
20000	130	-20	35
22000	140		
25000	155		
30000	180		
35000	205		
40000	230		
45000	255		
50000	280		

AIRCRAFT REG NUMBER N4532B

IFR CERTIFICATION - LOGBOOK ENTRY
DATE 4/23/2021 REG# N4532B
I CERTIFY THAT THE ALTIMETER, STATIC & TRANSPONDER
SYSTEM CHECKS REQUIRED BY FARs 91.411 & 91.413 HAVE
BEEN PERFORMED. THE ALTIMETER HAS BEEN TESTED TO:
20600 FT. AUTHORIZED SIGNATURE [Signature]
TESTING BY: FLIGHT CONTROL SERVICES CRS#OFHR414L
5550 N AIRPORT ROAD * MILTON, FL 32583

YEAR 20 <u>21</u> DATE	RECORDING TACH TIME	TODAY'S 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.)
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N4532B American Tiger (Gulfstream) AA5B S/N: AA5B-1169 Tach: 2621.51

March 5, 2021

- Complied with a 100 Hour Inspection in accordance with American AA5B Aircraft Maintenance Manual. CW AD 79-22-04, aileron bearing inspection, para. (a) & (b) – no defects noted, next due at 2721.51 tach hours. CW AD 81-24-03, Part II and
- Gulfstream American Service Letter No. 81-1, pertaining to air box and filter inspection, placard had been previously installed as per AD para (b), no cracks in airbox by inspection per AD para (a). CW AD79-22-04, para. (a) & (b), aileron oscillation, by inspection – no defects noted, next due at 2721.51 tach hours. Removed inoperative white tail Nav light, cleaning socket connections, ops check good. Removed nose tire and tube (5.00-5) and installed new Goodyear Flight Special II, 5.00-5 tire and new Goodyear 5.00-5 tube. Removed two O-rings from engine fuel primer plunger and installed two new O-rings, p/n
- MS29513-012, and lubricated with silicone lube SL-101, ops check good, no fuel leakage. I certify the ELT has been inspected IAW the requirements of FAR 91.207(d) and was found to be satisfactory condition. New Merl brand ELT battery installed, p/n BP-1010, battery next due April 2023. I certify this aircraft has been inspected IAW a 100 Hour Inspection and has been
- determined to be in airworthy condition. This aircraft has been determined to be airworthy with respect to work performed.

B-N-B Aircraft Services LLC
Bessemer, AL (KEY)

Douglas E. Trull, A&P 4110732

Douglas E. Trull

N4532B American Tiger S/N: AA5B-1169 Tach: 2621.51

March 5, 2021

- I certify this aircraft has been inspected with an Annual Inspection and has been determined to be in an airworthy condition
- IAW American AA5B Maintenance Manual & Lycoming O-360 Maintenance Manual. This aircraft has been determined to be in an airworthy condition with respect to the work performed.

B-N-B Aircraft Services LLC
Bessemer, AL (KEY)

Edward C. Vigne, A&P/IA 2876861

Edward C. Vigne

YEAR 20 <u>21</u> DATE	RECORDING TACH TIME
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IFR CERTIFICATE

FLIGHT CONTROL SERVICES CRS #
5550 N. AIRPORT RD MILTON
(850) 665-2130

ALL TESTING IN ACCORD WITH FAR PART 43

CASE LEAK @ 18K FT	<u>0</u>
HYSTERESIS 50% +	<u>25</u>
AFTER EFFECT	<u>10</u>
BARO SCALE ERROR	ENCO
28.10 -	<u>17.25</u> ALT REA
28.50 -	<u>13.45</u> 1300
29.00 -	<u>8.55</u> 2600
29.50 -	<u>4.05</u> 6800
29.92 -	<u>0</u> 14800
30.50 +	<u>530</u> 20000
30.90 +	<u>895</u> 30700
30.99 +	<u>985</u> 50000

TRANSPONDER TEST

REPLY FREQ ☒ MTL TEST
90% REPLY? ☒ SLS TEST
SURPRESSION ☒ POWER

AUTHORIZED SIGNATURE *D. Trull*

DATE OF TESTING 4/23/21

☐ FOR DUAL ALTIMETER SYSTEM
ALTITUDE ERROR IS RECORDED

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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.)

N4532B Grumman Tiger AA-5B s/n#: 1169 Tach: 2605.74 AFTT: 2605.74 December 26th, 2020

Removed inoperative Sigma-Tek Inc. Attitude Indicator Gyro, (vacuum type), Model #5000B-38, P/N # 23-501-031-1, Serial #T9 0 2211 E.

Installed Sigma-Tek Inc. Attitude Indicator Gyro (vacuum type), Model #5000B-40, P/N# 1U149-012 with Serial #T109062R and ops checks with good stabilization and no leaks noted.

All maintenance was performed using the Grumman American Maintenance Manual. This aircraft is approved for return to service and is determined to be in an airworthy condition with respect to the work performed.

Douglas E. Trull, A&P 4110732 Douglas E. Trull December 26th, 2020
(nothing to follow)

N4532B Grumman Tiger AA-5B s/n#: 1169 Tach: 2609.43 AFTT: 2609.43 January 7th, 2021

Removed leaking fuel sump drain valve on the left main wing tank at the outboard position, SAF-AIR Products, Inc., p/n# SA53 and installed one new SAF-AIR Products, Inc. p/n# SA53S, 7/16"-20 threads. Refilled tank and no leaks noted.

All maintenance was performed using the Grumman American Maintenance Manual. This aircraft is approved for return to service and is determined to be in an airworthy condition with respect to the work performed.

Douglas E. Trull, A&P 4110732 Douglas E. Trull January 7th, 2021
(nothing to follow)

Alterations

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
4/15/2020	2536.1			I REPLACED ONE RIGHT MAIN TIRE w/ ONE MICHELIN 6.00 x 6 TIRE AND ONE 6.00 x 6 TUBE. REPLACED BOTH MAIN WHEEL BRAKE ROTORS w/ 2 NEW CLEVELAND ROTORS P/N 164-02000 AND REPLACED BOTH MAIN WHEELS BRAKE PADS w/ 4 NEW RAPCO P/N 66-105 AND REFILLED PILOT SIDE RIGHT BRAKE MASTER CYLINDER w/ 5606 HYDRAULIC FLUID. REPLACED FUEL PRIMER CONTROL w/ 2 NEW O-RINGS. TAXI & OPS V GOOD. DRAINED & REFILLED OIL w/ 6 1/2 QTS PHILLIPS XC20W50 OIL AND ONE PINT CAM GUARD OIL ADDITIVE. OPS V GOOD, ANALYSIS SAMPLE TAKEN & SENT IN. Douglas E. Trull A&P 4110732
5/7/2020	2537.6			I BLED & REFILLED THE PILOT'S SIDE LEFT MAIN BRAKE MASTER CYLINDER w/ 5606 HYDRAULIC FLUID, REATTACHED CANOPY FORWARD SEAL GASKET w/ ADHESIVE. REMOVED THE DAOTRON 803 VOLT METER, S/N 18408 AND INSTALLED A REMANUFACTURED DAOTRON MODEL 803, S/N 11663 VOLT METER. Douglas E. Trull A&P 4110732

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
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N4532B American Tiger (Gulfstream) AA-5B S/N: AA5B-1169 Tach: 2523.83 Hobbs: 1929.7 February 4, 2020

- Complied with a 100 Hour Inspection in accordance with American AA-5B Aircraft Maintenance Manual. CW AD 79-22-04, aileron bearing inspection – no defects noted, next due at 2623.83 tach hours. CW AD 81-24-03 and Gulfstream American
- Service Letter No. 81-1, pertaining to air box and filter inspection. Removed intake gaskets from cyls. 1,2,3&4 intake tubes and installed 4 new intake gaskets, P/N 71973. Dismounted alternator, cleaning corrosion from electrical terminals and installing
- one new nipple cover P/N MS25171-3S to electrical wires, reinstalled, ops check good. Removed inoperative white tail Nav
- light, cleaning socket connections, ops check good. Cleaned Red Beacon light bulb electrical connections of corrosion, ops check
- good. I certify the ELT has been inspected IAW the requirements of FAR 91.207(d) and was found to be satisfactory condition.
- Battery due February 2021. I certify this aircraft has been inspected IAW a 100 Hour Inspection and has been determined to be
- in airworthy condition. This aircraft has been determined to be airworthy with respect to work performed.

B-N-B Aircraft Services LLC
Bessemer, AL (KEY)

Douglas E. Trull, A&P 4110732

Douglas E. Trull

N4532B S/N: AA5B-1169 Tach: 2523.83 Hobbs: 1929.7

February 4, 2020

- I certify this aircraft has been inspected with an Annual Inspection and has been determined to be in an airworthy condition
- IAW American AA-5B Maintenance Manual & Lycoming O-360 Maintenance Manual. This aircraft has been determined to be in
- an airworthy condition with respect to the work performed.

B-N-B Aircraft Services LLC
Bessemer, AL (KEY)

Edward C. Vigne, A&P/IA 2876861

Edward C. Vigne

YEAR 20 DATE	RE TA TID
--------------------	-----------------

4/15/2020

2

5/7/2020

6

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
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.)

FR CERTIFICATION

FLIGHT CONTROL SERVICES CRS # OFHR414L
550 N. AIRPORT RD MILTON FL 32583
(850) 668-2130

ALL TESTS IN ACCORD WITH FAR PART 43.17X E & F

CASE LEAK @ 18K FT. 0 FOR 1 MINUTE
HYSTERESIS 50% + 35 40% + 25
AFTER EFFECT + 15 AFTER 5 MINUTES

BARO SCALE ERROR

8.10 - 1730
8.50 - 1350
9.00 - 870
9.50 - 400
9.92 - 0
9.50 + 530
9.90 + 900
9.99 + 985

ENCODER ERROR

ALT READS	ENCODER READS
1300	<u>-60</u>
2600	<u>-55</u>
6800	<u>-45</u>
14800	<u>-25</u>
20000	<u>-30</u>
30700	<u>X</u>
50000	<u>X</u>

TRANSPONDER TESTS

REPLY FREQ ☒ MTL TEST ☒ MODE A ☒
C% REPLY? ☒ SLS TEST ☒ MODE C ☒
SUPPRESSION ☒ POWER ☒ MODE S ☒

AUTHORIZED SIGNATURE

DATE OF TESTING

☐ FOR DUAL ALTIMETER SYSTEM PILOT'S
ALTITUDE ERROR IS RECORDED FIRST

ALTITUDE	LIMIT	ERROR	FRIC TION
-1000	20	10	
0	20	10	
500	20	10	
1000	20	10	20
1500	25	10	
2000	30	10	20
3000	30	10	20
4000	35	10	
5000			20
6000	40	10	
8000	60	15	
10000	80	5	25
12000	90	-5	
14000	100	-10	
15000			30
16000	110	5	
18000	120	20	
20000	130	40	30
22000	140		
25000	155		
30000	180		
35000	205		
40000	230		
45000	255		
50000	280		

AIRCRAFT REG NUMBER

N4532B

IFR CERTIFICATION - LOGBOOK ENTRY

DATE 7/14/19

REG# N4532B

I CERTIFY THAT THE ALTIMETER, STATIC & TRANSPONDER
SYSTEM CHECKS REQUIRED BY FARs 91.411 & 91.413 HAVE
BEEN PERFORMED. THE ALTIMETER HAS BEEN TESTED TO:

20,000

FT. AUTHORIZED SIGNATURE [Signature]

TESTING BY: FLIGHT CONTROL SERVICES CRS# OFHR414L

5550 N. AIRPORT ROAD

MILTON, FL 32583

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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.)
1-16-19	Tach: 2414.77			Performed an annual inspection on this airframe using FAR 43 appendix D as a guide. Replaced induction air filter. Replaced O-rings in left & right calipers and bleed brakes. Replaced instrument air filters. Replaced ELT battery and inspected in accordance with FAR 91.207(d). Battery due Feb. 2021. CLW AID. 76-07-12 ops check of ignition switch. CLW AID. 79-22-04 aileron inspection per paragraph (a) & (b). AID. 95-19-15 wing attach. bolt Insp. due at 2507.8 Tach. AID. checked to date. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. <i>[Signature]</i> AIP 3647522JA

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT
FR CERTIFICATION LIGHT CONTROL SERVICES CRS # OFHR 550 N. AIRPORT RD MILTON FL 32583 (904) 667-2130 ALL TESTING IN ACCORD WITH FAR PART 43 APPX CASE LEAK @ 18K FT. <u>0</u> FO HYSTERESIS 50% + <u>35</u> 40 AFTER EFFECT + <u>15</u> AF BARO SCALE ERROR ENCOD 8.10 - <u>1730</u> ALT READS 8.50 - <u>1350</u> 1300 9.00 - <u>870</u> 2600 9.50 - <u>400</u> 6800 9.92 - <u>0</u> 14800 0.50 + <u>530</u> 20000 0.90 + <u>900</u> 30700 0.99 + <u>985</u> 50000 TRANSPONDER TESTS EPLY FREQ ☒ MTL TEST 0% REPLY? ☒ SLS TEST IMPRESSION ☒ POWER AUTHORIZED SIGNATURE <u><i>[Signature]</i></u> DATE OF TESTING <u>7/14/19</u> ☐ FOR DUAL ALTIMETER SYS ALTITUDE ERROR IS RECO IFR CE DATE _____ I CERTIFY SYSTEM C BEEN PER <u>20,000</u> TESTING B 5550 M		

Aircraft Record General Information

Manufacturer _____

Serial _____

Date of Manufacture _____

Model _____

Registration Number _____

Engine(s) currently installed:

Manufacturer _____

Model _____

Serial _____

Manufacturer _____

Model _____

Serial _____

Propeller(s) currently installed:

Manufacturer _____

Model _____

HUB Model _____

Serial _____

Serial _____

Blade Model _____

Serial _____

Serial _____

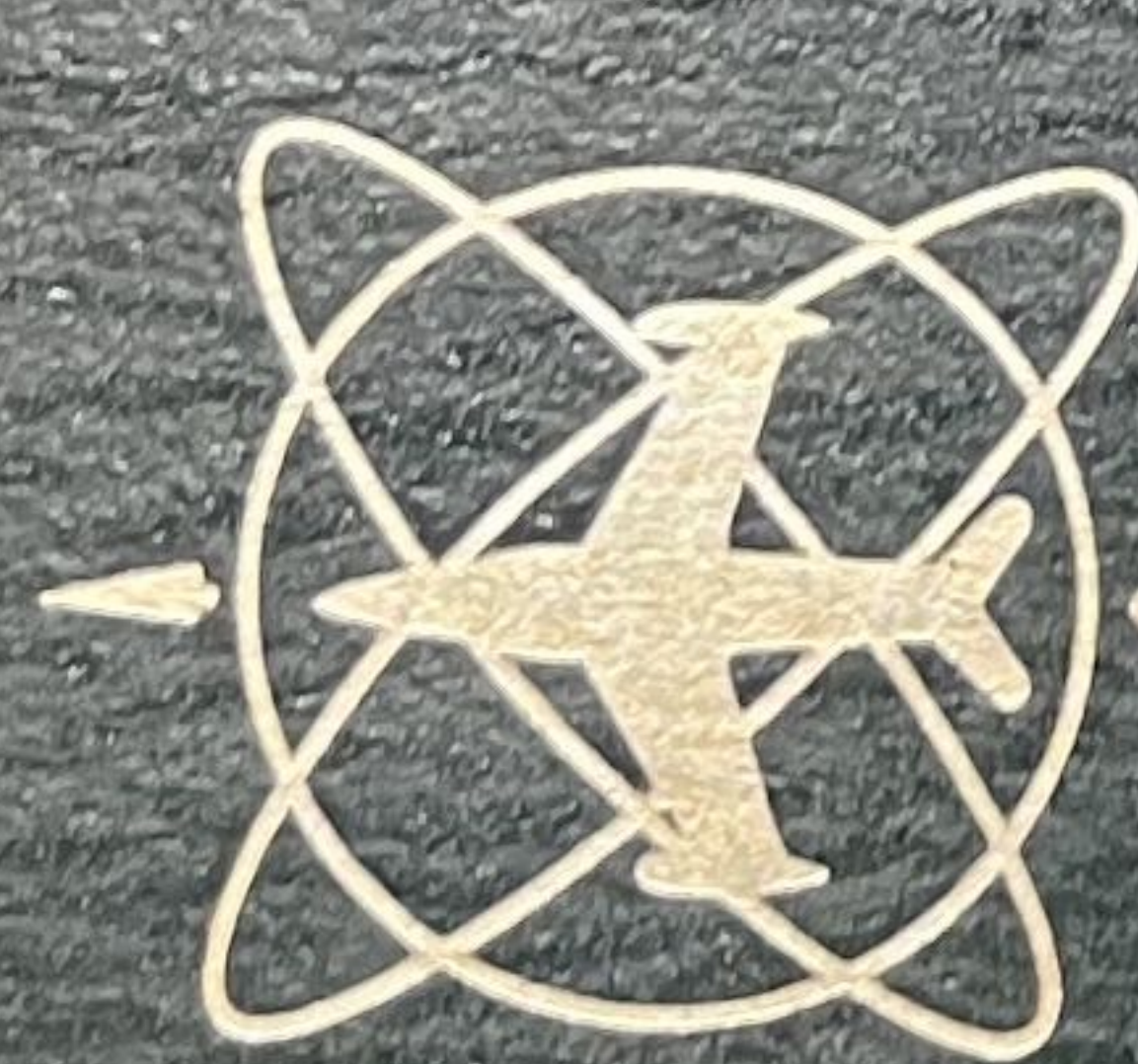
Serial _____

Blade Model _____

Serial _____

Serial _____

Serial _____



The Standard

AIRCRAFT LOG

ASA/SA-1



ARTEX AIRCRAFT SUPPLIES, INC.
14405 Keil Rd. NE Aurora, OR 97002
(503) 678-7929 800-547-8901

LOG BOOK ENTRY

E.L.T. BATTERY

REPLACEMENT DATE

#3

May 2007

F COMPLIANCE.

RVICE MANUAL

MANUFACTURERS MANDATORY SERVICE BULLETINS CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.		
DATE	TOTAL TIME IN SERVICE	
2018 3/15/18 Tach!		Tacked aircraft. Removed nose fork assembly, removed fork bushings and pressed in new bushings. Reinstalled fork assembly and set drag torque tension on nose fork. ops checks good. AP3721189
1-16-19	Tach! 2414.77	This logbook closed this date. new Airframe log started AP 3647522

REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO
FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

DATE

19__

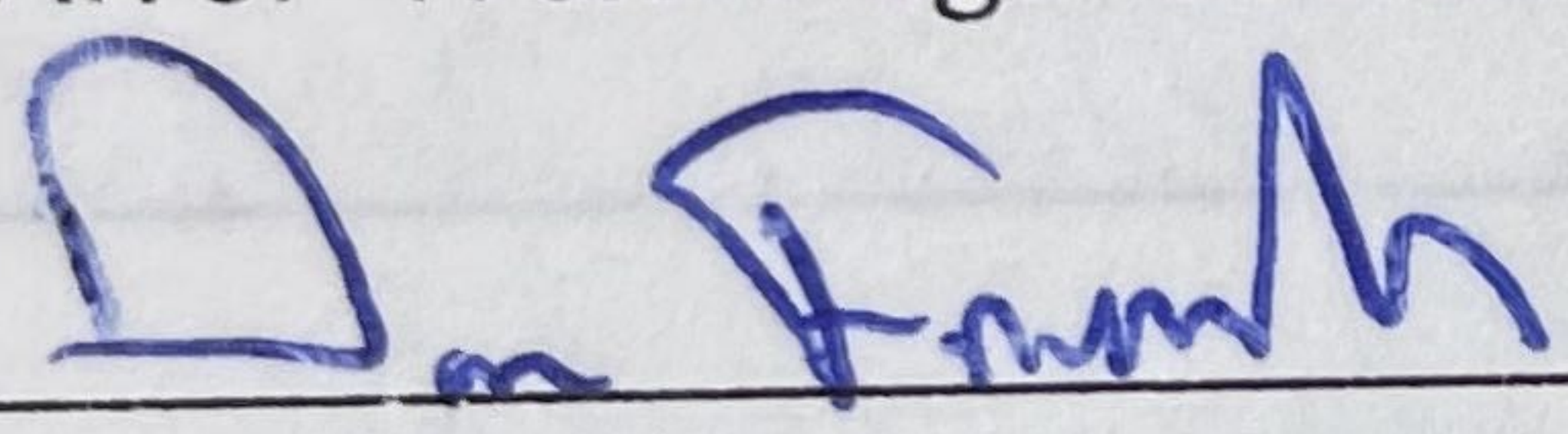
TOTAL
TIME IN
SERVICE

12-13-17

Tach: 2289.81 A.T.T. 2289.81

Performed an annual inspection on this airframe using FAR 43 appendix D as a guide. Replaced induction air filter. Rotated main lines. ELT inspected IAW FAR 91.207(d). Battery due Dec. 2018. C/W A.I.D. 76-07-12 ops check of ignition switch. C/W A.I.D. 79-22-04 aileron inspection per. paragraph (a) & (b) A.I.D. 95-19-15 R1 Wing attach bolt inspection next due at 2507.8 Tach. A.I.D.'s checked to date. I certify that this airframe has been inspected in accordance with ~~FAR 91.207~~ an annual inspection and was determined to be in airworthy condition.

Donald J. [Signature] A13647522 FA

DATE 19__	TOTAL TIME IN SERVICE	REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.
		N4532B GULFSTREAM AA-5B
		Avionics installation: removed KT-76A. Installed Appareo ESG Mode S transponder, and L1 GPS antenna Interfaced to existing Mode C encoder. Function tests normal. All work IAW manufacturers specifications, STC #SA04112CH and applicable FAR's. W&B Negl. See 337 and equipment list this date.
		 Dan French CRS #0FHR414L
		2278.6 Tach Time
		08/18/2017 Date

DATE

19__

TOTAL
TIME IN
SERVICEREFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO
FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

11-3-16

Tach

: 2255.4

A.T.T. 2255.4



Continued from previous page.
A.D.'s checked to date. I certify that this
airframe has been inspected in accordance
with an annual inspection and was determined
to be in airworthy condition.

Don't ~~thp~~ P 36475227A

ONS
MBER OF
ENTRIES.)

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19--				
3-16	Tach: 2255.4		A.t.t. 2255.4	
				Performed an annual inspection on this airframe using FAR 43 appendix D as a guide. Replaced induction air filter. Defueled right wing and pulled the two outboard fuel panels. Removed old sealant from panels & wing. applied new sealant and reinstalled panels with new screws. Replaced ELT battery and inspected ELT in accordance with FAR 91.207(d). Battery next due Dec. 2018. C/W A.D. 76-67-12 ops check of ignition switch. C/W A.D. 79-22-04 aileron Insp. per paragraph (a) & (b) A.D. 95-19-15 R1 wing attach bolt Insp next due at 2507.8 Tach. Continued on next page →

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3/11				
4/18/16				

IFR CERTIFICATION

FLIGHT CONTROL SERVICES CRS # 0FHR414L
5550 N. AIRPORT RD MILTON FL 32583
(850) 665-2130

ALL TESTING IN ACCORD WITH FAR PART 43 APX E & F.

CASE LEAK @ 18K FT 0 FOR 1 MINUTE
HYSTERESIS 50% + 20 40% + 20
AFTER EFFECT + 10 AFTER 5 MINUTES

BARO SCALE ERROR	ENCODER ERROR
28.10 - 1740	ALT READS ENCODER READS
28.50 - 1350	1300 +25
29.00 - 365	2600 +25
29.50 - 405	6800 +40
29.92 0	14800 +65
30.50 + 520	20000 +45
30.90 + 885	30700
30.99 + 970	50000

TRANSPONDER TESTS

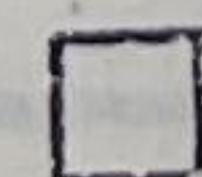
REPLY FREQ ☒ MTL TEST ☒ MODE A ☒
90% REPLY? ☒ SLS TEST ☒ MODE C ☒
SURPRESSION ☒ POWER ☒ MODE S ☒

AUTHORIZED SIGNATURE

Don French

DATE OF TESTING

04/18/2016



FOR DUAL ALTIMETER SYSTEM PILOT'S
ALTITUDE ERROR IS RECORDED FIRST

ALTITUDE	LIMIT	ERROR	FRICTION
-1000	20	0	
0	20	0	
500	20	0	
1000	20	0	20
1500	25	+5	
2000	30	+5	15
3000	30	+5	15
4000	35	+10	
5000			20
6000	40	+5	
8000	60	-5	
10000	80	-10	15
12000	90	-15	
14000	100	-10	
15000			25
16000	110	0	
18000	120	+20	
20000	130	+50	20
22000	140		
25000	155		
30000	180		
35000	205		
40000	230		
45000	255		
50000	280		

AIRCRAFT REG NUMBER

4532B

ALTERATIONS
DATE NUMBER OF
(SPECIFIC ENTRIES.)

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-14	2174.46		2174.46	Performed an annual inspection on this airframe using FAR 43 appendix D as a guide. Replaced induction air filter replaced instrument air filters. Lubed airframe. Replaced ELT battery and inspected in accordance with FAR 91.207(d) battery due Oct. 2017. A.D.'s checked to date. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Wendy Hoff A.P3647522 IA

[illegible]

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				I certify that this altimeter (make) <u>UNITED</u> (model) <u>5934 PD-4</u> (s/n) <u>435899</u> has been tested and found to comply with FAR 43, APP. E. The Altimeter was tested to <u>20,000</u> feet on <u>9-26-13</u> by <u>[Signature]</u> under Work Order # <u>4305</u> I certify that the static system was tested and inspected as required by FAR 91.411 and found to comply with FAR 43, App. E. on <u>9-26-13</u> signed <u>[Signature]</u> I certify that this transponder (make) <u>KING</u> (model) <u>KT-78A</u> (s/n) <u>5529</u> has been tested as required by FAR 91.413 and found to comply with FAR 43, App. F. w.o. <u>4305</u> signed by: <u>[Signature]</u> dated <u>9-26-13</u> Trinity Avionics, Inc. C.R.S IY0R081X 950 Mitchell Field Rd Bessemer, AL 35022

[illegible]

N4532B 1929.6 Hobbs 2137.04 Tach

Performed Annual inspection on this airframe IAW FAR 43 App D. Removed all inspection panels and interior. Inspected and lubricated cables, pulleys, flight controls. Removed all wheels. Cleaned and inspected wheel bearings. Repacked all bearing and reinstalled. Removed and serviced aircraft battery. Brake fluid checked good. Installed new engine intake duct PN 5500009-4. ELT battery checked IAW FAR 91.207 App. D. New battery due Aug 2014. CW AD 76-07-12 Bendix ignition switch. CW AD 79-22-04 aileron inspection per para (a) and (b). AD's checked good to date. Reinstalled inspection panel and interior. Ground ran and systems check normal. No leaks detected at this time. I certify that this airframe has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Gary D Burnett AP 3377506 IA 7-1-2013

[illegible]

DATE 19__	RECORDING TACH TIME
	I cert
	(mod
	tested
	Altim
	by __
	I cert
	requir
	App.
	I cert
	(mod
	has b
	found
	signe
	Trinit
	C.R.S

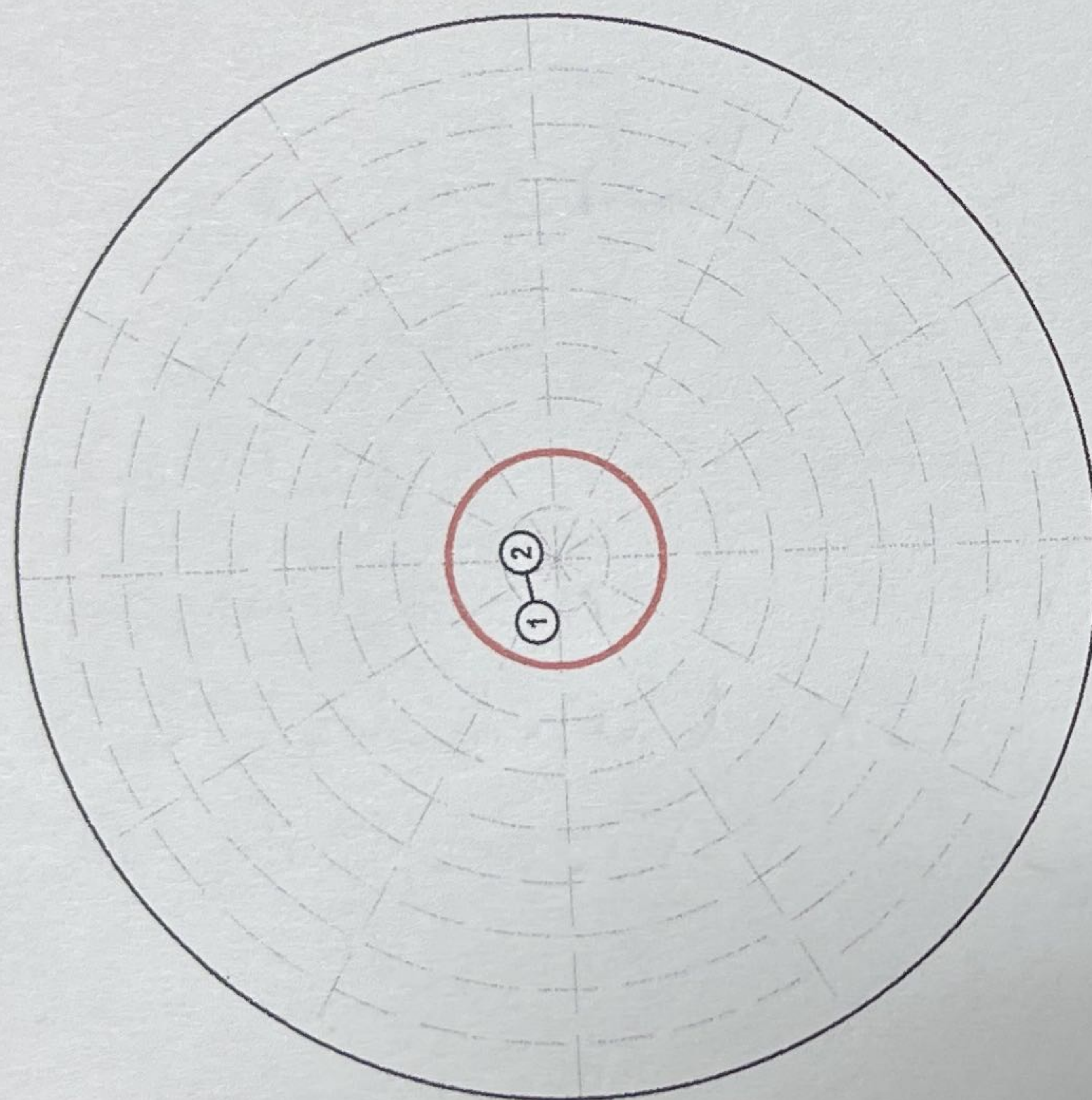
8941617 #A

[illegible]

[illegible]

DYNAMICALLY BALANCED

----- POLAR PLOT - 1.0 IN/S FS -----



N4532B Grumman AA5B 0.0 Hrs

MicroVib II SN:1706 Cal:08/11/2011
Initial: 0.120 IN/S @ 1948.2 RPM
Final: 0.072 IN/S @ 1948.5 RPM

Operator Comments:

Oper: _____

Date: 10/07/2011

KEN

AD30853351A

ALTERATIONS

CATE NUMBER OF
SPECIFIC ENTRIES.)

1-2

4-1

ONS
MBER OF
ENTRIES.)

25-3

DATE 19__	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 C MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
--------------	---------------------------	------------------	-----------------------------	---

I certify that this altimeter (make) UNITED
(model) 5934PD-4 (s/n) 435899 has been
tested and found to comply with FAR 43, APP. E. The
Altimeter was tested to 20,000 feet on 8-11-11
by [Signature] under Work Order # 3485

I certify that the static system was tested and inspected as
required by FAR 91.411 and found to comply with FAR 43,
App. E. on 8-11-11 signed [Signature]
Trinity Avionics, Inc. 950 Mitchell Field Rd.
FAA CRS IY0R081X Bessemer AL 35022

I certify that this transponder (make) KING
(model) KT-78A (s/n) 5529
has been tested as required by FAR 91.413 and
found to comply with FAR 43, App. F. w.o. 3485
signed by: [Signature] dated 8-11-11
Trinity Avionics, Inc. 950 Mitchell Field Rd
C.R.S IY0R081X Bessemer, AL 35022



Aviation Products

FAA-PMA Approved Installation Eligibility Chart For
McFarlane Aviation, Inc. Throttle Controls Eligible
for Installation on Aircraft Manufactured By Grumman
American, Gulfstream Aerospace Corporation or
Tiger Aircraft LLC.

Model	Serial Number	Throttle Control Part Number
AA-1	AA1-0433 & ON	MC507005-1
AA-1A	AA1A-0001 & ON	
AA-1B	AA1B-0001 & ON	
AA-1C	AA1B-0601 AND AA1C-0001 & ON	
AA-5	AA5-0001 & ON	MC507005-2
AA-5A	AA5A-0283 & ON	
AA-5B	AA5B-0001 & ON	
"MC": Prefix to the part number Denotes McFarlane Aviation, Inc. Manufacture. McFarlane Aviation, Inc. parts are directly interchangeable with Grumman American, Gulfstream Aerospace Corporation, or Tiger Aircraft LLC. parts with the same part number excluding the "MC" prefix. Information from Drawing 1382 ORG. 11-06-2002		MC507005-3

THE MAXIMUM RECOMMENDED IN SERVICE TIME FOR
MCFARLANE AVIATION, INC. ENGINE CONTROLS IS EQUAL
TO THE MAXIMUM TIME BETWEEN ENGINE OVERHAULS AS
RECOMMENDED BY THE ENGINE MANUFACTURER.

Drawing 1121 ORG. 05-01-92

REPAIRS AND ALTERATIONS
TING AND CERTIFICATE NUMBER OF
AGES FOR OTHER SPECIFIC ENTRIES.)

with P/N MC507005-3

2168263

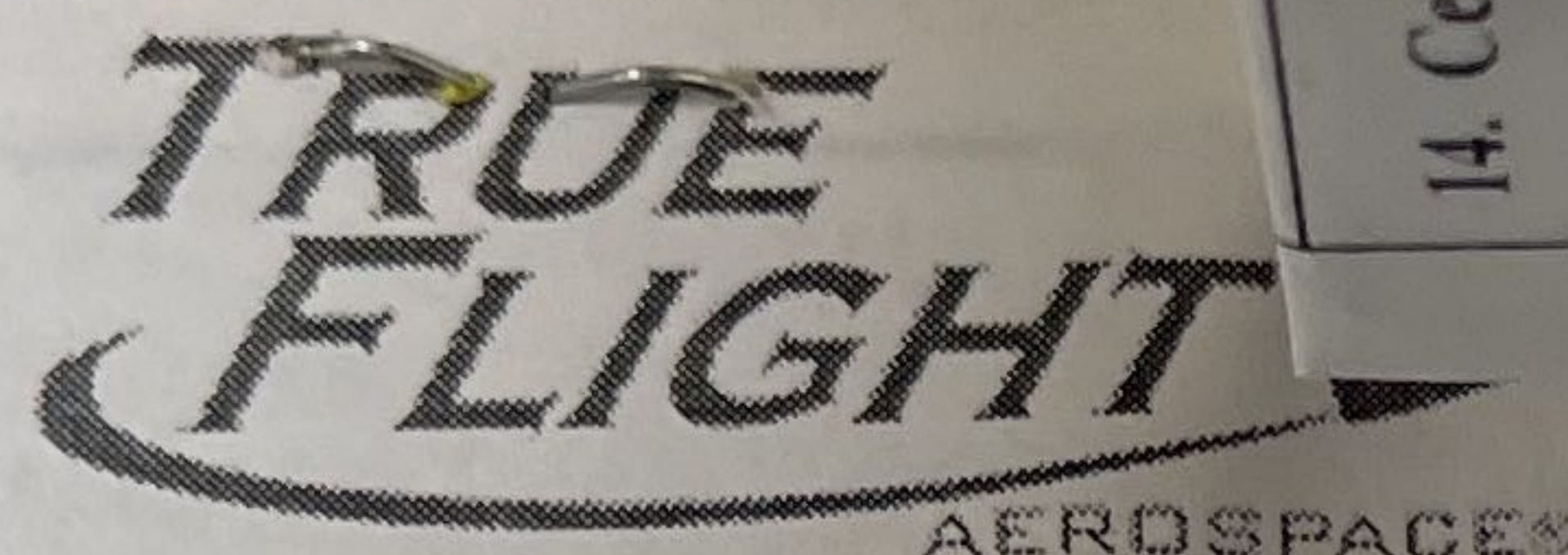
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11/11	Tach	2054.02	T.T. 2054.02	Performed an annual inspection on this air frame. Replaced pilot seat back brackets left & right side. Replaced clock in instrument panel with new Davtron clock & installed new OAT probe. Replaced A/C master switch with new. Replaced electric fuel pump with new (owner supplied). Replaced broken flap roller on left side. Replaced induction air filter P/N BA20. Installed Bogert Aviation cable kit in accordance with STC # SA 3531 NM. See 337. ELT inspected in accordance with FAR 91.207(d) battery due Dec. 2011. C/W A.D 79-22-04 Aileron insp. Per par (a) & (b). I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
				Donald J. Tuffa A.P. 423941617 FA

104 OF 4138

[illegible]

[illegible]

DATE 19__	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-31-10	Tach	20	33.70	Removed electronics international single cylinder CHT, EGT unit and installed four cylinder unit in same location. installed probes in Cyl. # ^s 1, 2, 3. Donal Stuffs A: P423941617
10-15-10	Tach	20	40.95	Installed customer supplied lift detector system. System is for reference only. System does not interfere with aircrafts stall warning system. change in weight & balance negligible. work performed in accordance with AC 43.13-2B chapter 11. Donal Stuffs A: P423941617



04/10/2010

~~N4529B~~
N4532B

S/N: 1169

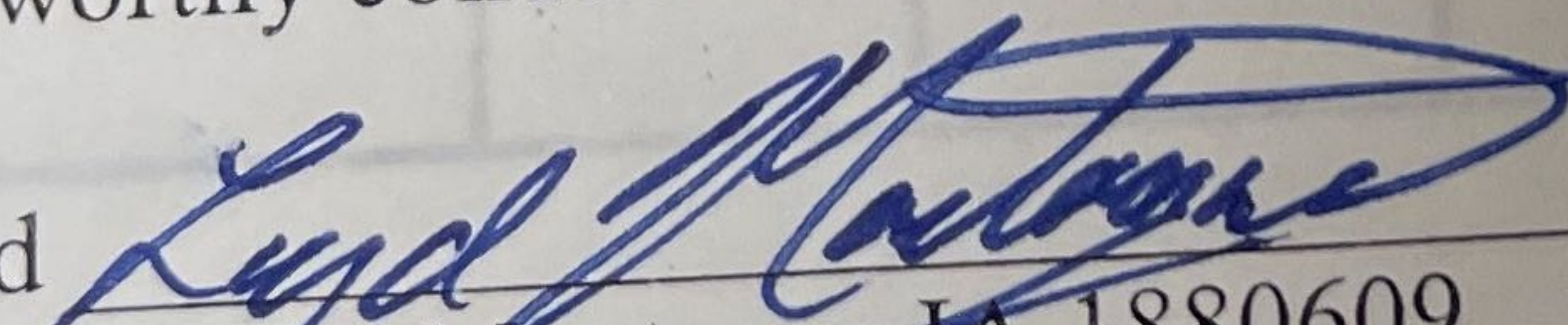
Tach Time: 2007.89 Hrs.

Total Time: 2007.89 Hrs.

Annual Inspection completed this date I/A/W the Tiger Aircraft AA-5B Maintenance Manual and the Tiger Repair Station AA-5B Annual/100Hr. Check List. Inspected all flight control cables, pulleys, bell cranks and bearings. Inspected and serviced brakes. Repacked wheel bearings. Removed, inspected and reinstalled nose gear strut. Inspected battery and checked all lights. Installed LoPresti Speed Merchants Boom Beam Landing light IAW STC# SA02279AT. Time in service of the previously replace LH OB Wing Pnl could not be determined. Replaced the LH OB wing panel with a NEW 0.0 hrs. time in service wing panel P/N 5201005-505, S/N TALLC0116 (See attached 8130-3). Repaired and repainted the RH lower engine cowl. Replaced fuel vent hose at wing root. Installed a new LH 5102324-14 se3at back slide bracket. Cleaned fuel screen. Inspected ELT battery and performed an operational check of the ELT I/A/W FAR 91.207D, next battery replacement due Dec. , 2011. Replaced throttle cable ball and socket assembly. Complied with AD 76-07-12 R1 by operational check of the mag switch. C/W AD 95-19-15 R1, Wing Attach Shoulder Bolts, by inspection in accordance with Service Bulletin SB 185A. All other ADs checked through Issue 2010-07.

I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.

Signed


Loyd Montague IA 1880609

14. Cer



15. A

Loyd

AA-5B & 111

Eligible

9.

Quitman, GA 31643

FA

FORWARDED REL
Form 8130-3, AIRWOL

DATE

19__

8-31-10 Ta

RECORDING

TACH

TIME

10-15-10 7

DATE
19__

RECO
TA
TI

1. Approving National Aviation Authority/Country
FAA/United States

2. FAA

4. Organization:
**Central Florida Avionics
8812 Airport Bouleva
Leesburg, Florida 347**

6. Item 1	7. Description ALT. Meter	8. Part Num 5934P
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13. Remarks:
Pertinent Details on File at T

14.

15.

16.

17.

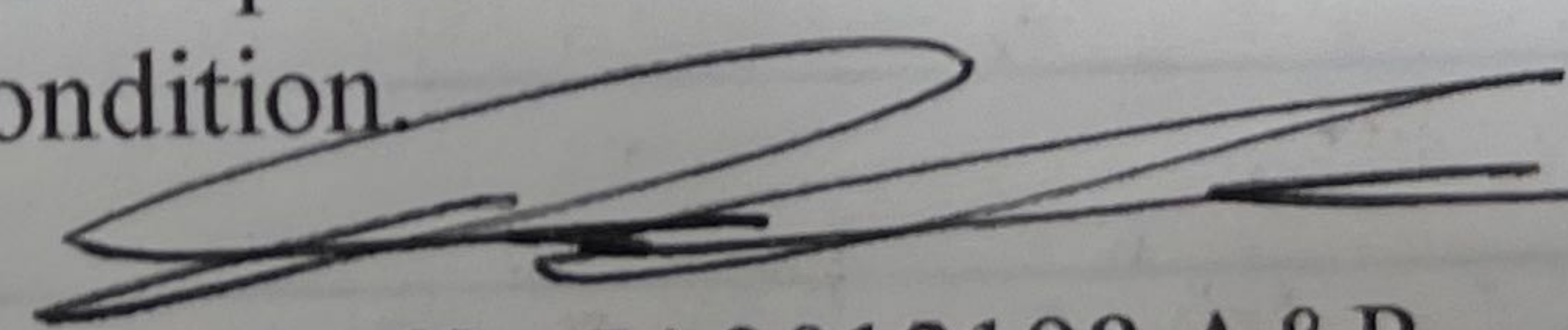
18.

SN **435899**

ALTITUDE FT.	ALTIMETER READS	ALTITUDE FT.	ALTIMETER READS
- 1000	+15	12000	-10
0	0	14000	-10
500	+5	16000	-15
1000	+10	18000	+5
1500	+20	20000	+30
2000	+10	22000	
3000	+20	25000	
4000	+25	30000	
6000	+20	35000	
8000	0		
10000	-15		

Date **1/7/10** Tested by **W. Nelson**

Mr. Nelson **1/7/10**

DATE 19__	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 MECHANIC OR REPAIR FACILITY (SEE BACK PAGES FOR OTHER AIRCRAFT ENTRIES.)
				10-1-09 Shaffer Aviation TT:1966.7 N4532B Leesburg, FL
				Changed gyro & vacuum filters. Replaced Brackett Air filter BA20. Cleaned and packed nose and main wheel bearings. Replaced brake pads. Bled & tested brakes. Replaced ELT battery, Due Oct 2011. C/W AD 79-22-04 aileron system, next due 2066.7. C/W AD 76-07-12 bendix ignition switch, next due 2066.7. Verified AD 89-18-08 fuel tank system sealant has no contamination and is of correct type . AD's checked through 2009-20.
				I certify this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and has been determined to be in an airworthy condition.
				 Dustin Shaffer IA3012198 A&P

DATE	RECORDING TACH	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF ILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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N 4532B

CENTRAL FLORIDA
AVIONICS & INSTRUMENTS

I certify that the Altimeter, Static System and Automatic Altitude Reporting has been certified to tests required under FAR 91.411 and FAR 91.413

The Altimeter Make United Model 5035-P2-P25
S/N 11582 was tested to 20,000 Ft and meets

The requirements of FAR 43, Appendix E

The Transponder Make King Model KT78A
S/N 5529 was tested and Found to meet the requirements of FAR 43, Appendix E.

Recertify 24 months from date below

Details on file under W/O # 09239-1 Date 09-01-09

K. J. Noh
Authorized Signature for:

Central Florida Avionics and Instruments LLC.

8812 Airport Blvd.

Leesburg, FL 34788

FAA CRS # F4LR560Y

CENTRAL FLORIDA
AVIONICS & INSTRUMENTS

I certify that the altitude reporting system was tested as required by FAR 91.413.

Transponder Make Garmin Model GTX320
S/N 83501446 was tested and found to meet FAR Part 43 App. E Par (C).

K. J. Noh
(Authorized Signature)

9-5-09

Date

FAA Approved Repair Station # F4LR560Y

8812 Airport Blvd. Suite 2, Leesburg, Fl. 34788

DATE	RECORDING TACH	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS TESTS REPAIRS AND ALTERATIONS
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N 4532B

CENTRAL FLORIDA
AVIONICS & INSTRUMENTS

I certify that the Altimeter, Static System and Automatic Reporting has been certified to tests required under FAR 43 and FAR 91.413

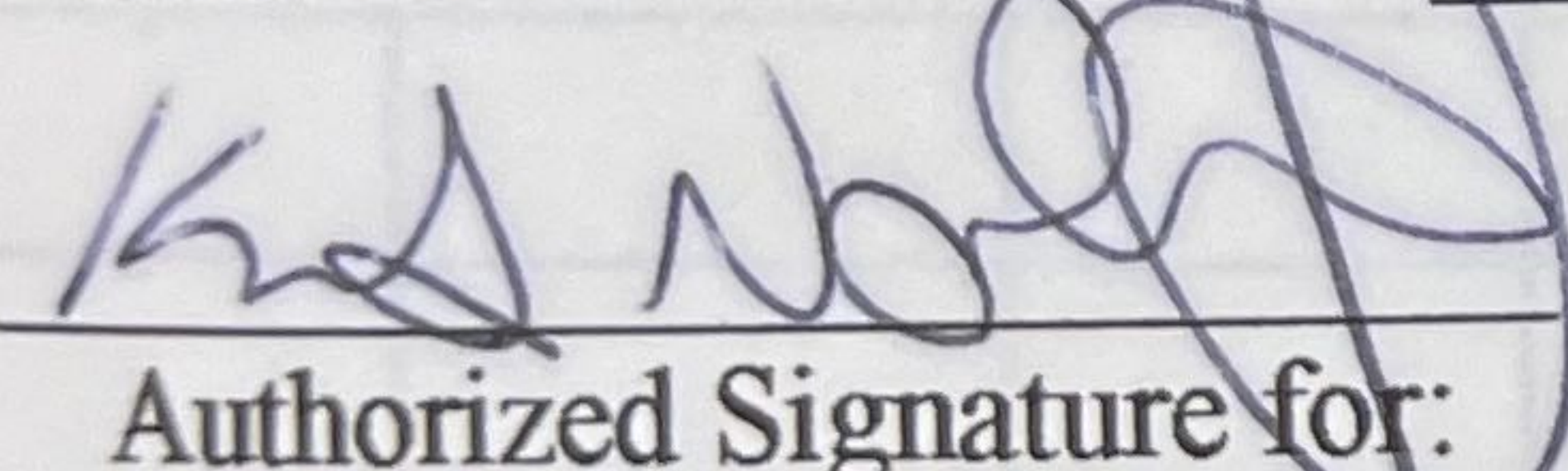
The Altimeter Make United Model 5035
S/N 11582 was tested to 20,000 Ft

The requirements of FAR 43, Appendix E

The Transponder Make King Model KT7
S/N 5529 was tested and Found to meet the requirements of FAR 43, Appendix E.

Recertify 24 months from date below

Details on file under W/O # 09239-1 Date 09



Authorized Signature for:

Central Florida Avionics and Instruments LLC.

8812 Airport Blvd.

Leesburg, FL 34788

FAA CRS # F4LR560Y

N4532

SN 11582

ALTITUDE FT.	ALTIMETER READS	ALTITUDE FT.	ALTIMETER READS
— 1000		12000	+80
0	+10	14000	+100
500	+15	16000	+100
1000	+10	18000	+110
1500	+25	20000	+120
2000	+30	22000	
3000	+30	25000	
4000	+30	30000	
6000	+40	35000	
8000	+50		
10000	+50		

Date 8-27-09

Tested by V. J. A.

OF
ES.)

Grumman American AA5B-1169 N4532B 8 Aug 2008 Tach 1869.94

Repaired upper cowl doors with new PMA hinge assy. from FletchAir. Installed Split Nose Bowl STC. Made temporary repairs to lower cowl at center doubler with sheet metal screws and Tinnerman nutplates. Installed new lower rudder bearing. Removed and replaced DG for customer supplied OH, (Rudy Aircraft Instrument). Installed new PMA rear spinner bulkhead from FletchAir. Inspected Prop and composite front bulkhead I/A/W SAIB CE-05-56, potential corrosion, none found.

Removed nose pant for fiberglass repairs. Installed SK-121A sleeve and OS bearings on both aileron outboard bearing. Installed new PMA aileron stop at Left aileron. Complied with **AD 79-22-04** inspection only, **due again 1969 Tach.**

Inspected HS attach brackets I/A/W SAIB CE-04-34, no cracks or debonding at this time.

Installed new Goodyear Flight Custom III tires on main wheels and installed new tubes.

C.R. Steward II A&P 2468884

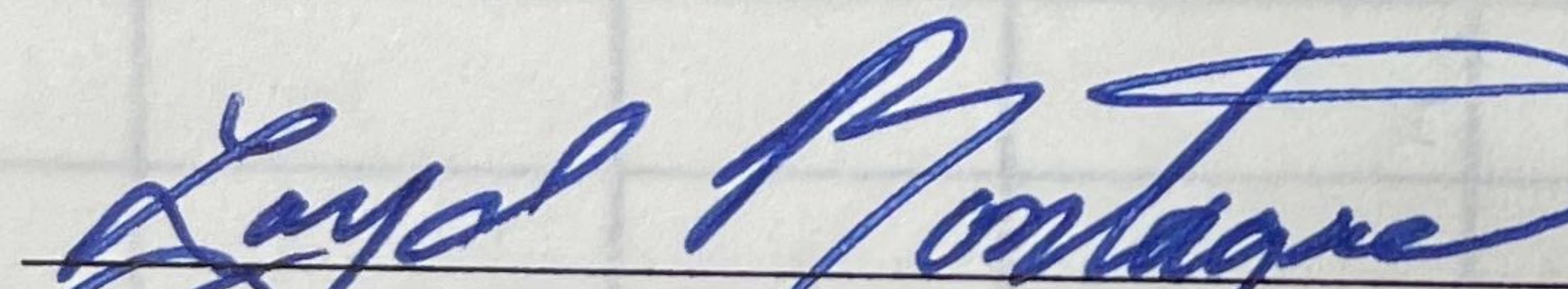
C.R. Steward

01/20/2009

Total Time: 1918.41

Out of order. Should follow 8/8/08 entry.

Installed new 1" scat hose from the forward baffle to the cabin heat mixer.
Installed a new mixture cable. Removed the "firewall to gauge" fuel pressure line, removed damaged end, re-flared the tube and reinstalled.
Installed new red rudder cap I/A/W STC No. SA5775NM. Installed tail strobe system in accordance with Tiger Aircraft, LLC drawing No. 5402018. Rebalanced rudder to -59 inch ounces. Re-computed aircraft weight and balance. **New Empty Weight is 1458.09 lbs., Arm is 82.64 inches and moment is 120730.02.** (See FAA Form 337 dated 01/20/09)


Loyd Montague A&P 1880609

DATE 19__	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

N4532B AA5B-1169 1 Aug 2008 Tach 1869.94 TT in service 1869.94

I certify that this Aircraft has been inspected I/A/W an Annual inspection using the Grumman American Maintenance Manual inspection guide, and a signed, dated list of discrepancies was given the owner.

C.R. Steward II A&P IA 2468884

C.R. Steward

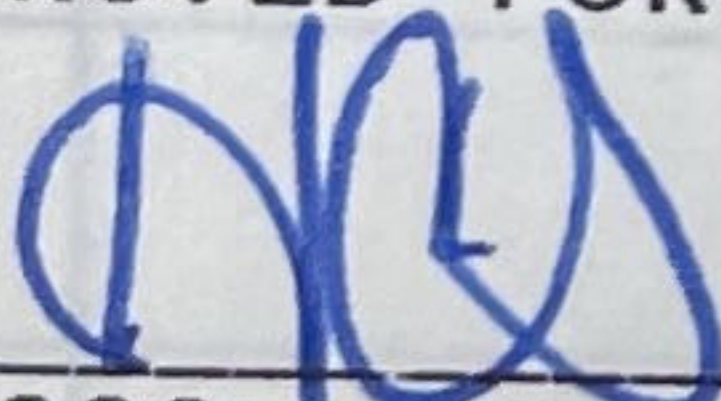
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				STICKER OUT OF SEQUENCE 4/18/2007 SHOULD BE 3 PAGES BACK

Georgia Avionics Inc. 841B Ronald Wood Road Winder, GA 30680 GX4R222M
 LOG ID# 421 18-April-2007 WO# 20602 REF# 20602
 N4532B S/N AA5B1169 GRUMMAN AA5B

Pg 1 /

REMOVED: APOLLO 612B, KING KX170B, KING KI208, KING KI225, KING KMA20, KING KR85,
 PS ENGINEERING PM501,
 INSTALLED: GARMIN GNC250, ARC IN514B, SIGMA TEK 4000C-10 AND GARMIN GMA340 PER MANUFACTURER'S
 SPECIFICATIONS AND ALL APPLICABLE FAR'S. THE GPS IS INSTALLED AS APPROVED FOR
 VFR FLIGHT ONLY.

AIRCRAFT APPROVED FOR RETURN TO SERVICE.

Signed  GX4R222M H. C. SWINDELL JR.

Date

DATE 19__	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				ALLEN AERO SERVICE, INC 851 LYLE FILED ROAD JEFFERSON, GA 30549 DATE: <u>7-1-2007</u> I CERTIFY THAT THIS AIRCRAFT / ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION PER <u>ABE</u> GUIDE. THAT MEETS FAR 43 & 91.409 (A)(1) AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION. N- <u>4532B</u>, SERIAL # <u>AA5B-1169</u> TACK TIME: <u>1769.77</u>, TOTAL TIME: <u>1769.77</u> <u>HAROLD D. WILSON</u> HAROLD D. WILSON : 254444358 I/A
				<u>7-12-2007</u> <u>ELT Opposite Chuck Today's Date</u> <u>Map All</u>

DA

19

AIRFRAME:

DATE: 7-1-2007

N- 4532B

TACK TIME: 1769.77

TOTAL TIME: 1769.77

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
OR REPAIR FACILITY (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)

100 HOUR INSPECTION COMPLETED I/A/W INSPECTION GUIDE.

THAT MEETS THE REQUIREMENTS OF THE FAR 43 & 91.409.

ALL INSPECTION PANELS REMOVE CONTROL CABLES AND PULLEYS

INSPECTED. CLEAN AND PACK WHEEL BEARINGS. BRAKE FLUID CHECK,

WHEELS CHECKED FOR CRACKS. SEAT BELTS CHECKED PER "AD".

BATTERY REMOVED CABLES CLEANED, BATTERY BOX CLEAN AND

BATTERY CHARGED. FUEL SYSTEM CHECKED FOR LEAKS, FUEL

TANK DRAINS CHECKED AND CAPS CHECKED. INSTALL NEW INSTR.

GYRO FILTER D9-18-1 AND INSTR FOAM FILTER B3-5-1.

ALL ELECTRIC CHECK. ELT BATTERY CHECKED DUE DATE: ~~(MAY 2007)~~ *Nov-2008 max Allen*

INSTALL NEW LP AERO PLASTICS WINDSHIELD PART # 102279-1 GRAY TINT

INSTALL NEW LP AERO PLASTIC CANOPY SIDE WINDOWS PART # 5102276-3,

5102276-2 AND BOTH REAR SIDE WINDOWS PART # 5102348-1, 5102348-2 GRAY TINT.

INSTALL NEW LEFT AND RIGHT NAV. LIGHT LENS PART # 201191-5, 201191-6.

INSTALL NEW LANDING LIGHT BULB GE-4509 AND LENS COVER PART # 5101035-1.

INSTALL NEW DRAKE AIR OIL COOLER PART # 10568R. SERIAL # 666.

INSTALL NEW ELECTRONICS INTERNATIONAL INC. SINGLE EGT, CHT AND OAT

INSTRUMENT. PART # EAC-1. SERIAL # 92406. (STC- SA1626NM)

INSTALL ALL NEW PLASTIC INTERIOR WINDOW TRIM.

C/W - AD-95-19-15R1 WING ATTACH SHOULDER BOLT (BOLT REPLACE TACK TIME 1503)

C/W - AD-79-22-04 AILERON SYSTEM C/W AT TACK TIME 1715.0 NOT DUE UNTIL

TACK TIME : 1815 (100 HOUR INSPECTION)

ALL AD'S CHECKED THRU BY WEEKLY 2007-12

MAX ALLEN 258969139 A/P

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
19__				ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

CERTIFICATION STICKER FOR: N4532B

(please place in aircraft log book)

The altimeter instrument was tested 4/2007 to an altitude of 20 thousand feet and found to comply with Federal Aviation Regulations Part 91.411.

Automatic pressure altitude reporting equipment was tested on 4/2007 and found to comply with FAR Part 91.411.

The ATC transponder was tested and inspected on 4/2007 and found to comply with Federal Aviation Regulation Part 91.413.

The static system was tested and inspected on 4/2007 in accordance with Appendix E of Part 43.

For details see Georgia Avionics work order # 20601.

by:

#2244562

for: Georgia Avionics Inc.

FAA # GX4R222M

Barrow County Airport

Winder, Georgia 30680

AIRFRAME:

DATE: 6-1-2006

TACK TIME: 1719.0

N- 4532B

TOTAL TIME: 1719.0

100 HOUR INSPECTION COMPLETED I/A/W INSPECTION GUIDE.
THAT MEETS THE REQUIREMENTS OF THE FAR 43 & 91.409.
ALL INSPECTION PANELS REMOVE CONTROL CABLES AND PULLEYS
INSPECTED. CLEAN AND PACK WHEEL BEARINGS. BRAKE FLUID CHECK
WHEELS CHECKED FOR CRACKS. SEAT BELTS CHECKED PER "AD".
BATTERY REMOVED CABLES CLEANED, BATTERY BOX CLEAN AND
BATTERY CHARGED. FUEL SYSTEM CHECKED FOR LEAKS, FUEL
TANK DRAINS CHECKED AND CAPS CHECKED.

ALL ELECTRIC CHECK. ELT BATTERY CHECKED DUE DATE: (MAY 2007)
INSTALL NEW GILL 25 BATTERY.

ALL AD'S CHECKED THRU BY WEEKLY 2006-12

MAX ALLEN 258969139 A/P

ALLEN AERO SERVICE, INC.
851 LYLE FIELD ROAD
JEFFERSON, GA. 30549

DATE: June 1-2006
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS
BEEN INSPECTED IN ACCORDANCE WITH ANNUAL
INSPECTION PER AD'S GUIDE. THAT MEETS
FAR 43 & 91.409 (a)(1) AND WAS DETERMINED TO
BE IN AIRWORTHY CONDITION.
N- 4532B, SERIAL: 1A5B-1169

TACK TIME: 1719.0 TOTAL TIME: 1719.0
HAROLD D. WILSON 254444358 I/A

DATE

RECORDING

19__

TACK

TIME

DATE : 4-1-2005 TACK TIME: 1715.0

REMOVE WING TIPS, WHEEL FAIRINGS, TOP AND BOTTOM
COWLING FOR RE - PAINTING. BOTH LEFT AND RIGHT
WINGS REPAINTED. AFTER PAINT ALL PARTS REINSTALLED.
(THIS WAS ONLY A CLEAN UP) AIRCRAFT WASHED AND WAXED.
C/W AD-79-22-04 AILERON SYSTEM BY INSPECTION PER AD
AND SERVICE LETTER NO PROBLEM FOUND
AT THIS TIME. INSPECTION (100 HOURS)

MAX ALLEN 258969139 A/P

DATE	RECORDING TACH	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, ENTRIES MUST BE ENDORSED WITH NAME DA
19				
				AIRFRAME:
				DATE: 4-1-2005
				TACK TIME: 1715.0
				N- 4532B
				TOTAL TIME: 1715.0
				100 HOUR INSPECTION COMPLETED I/A/W INSPECTION GUIDE.
				THAT MEETS THE REQUIREMENTS OF THE FAR 43 & 91.409.
				ALL INSPECTION PANELS REMOVE CONTROL CABLES AND PULLEYS
				INSPECTED. CLEAN AND PACK WHEEL BEARINGS. BRAKE FLUID CHECK,
				WHEELS CHECKED FOR CRACKS. SEAT BELTS CHECKED PER "AD".
				BATTERY REMOVED CABLES CLEANED, BATTERY BOX CLEAN AND
				BATTERY CHARGED. FUEL SYSTEM CHECKED FOR LEAKS, FUEL
				TANK DRAINS CHECKED AND CAPS CHECKED.
				ALL ELECTRIC CHECK. ELT BATTERY CHECKED DUE DATE: (MAY 2007)
				INSTALL NEW INSTR. GYRO FILTER PART # D9-18-1 AND FOAM FILTER
				BA3-5-1. INSTALL NEW INDUCTION AIR FILTER PART.
				INSTALL NEW GILL 35 BATTERY. REMOVE INTERIOR SIDE PANELS
				INSTALL ALL NEW LEATHER SEATS, SEAT PANELS AND CARPET.
				ALL AD'S CHECKED THRU BY WEEKLY 2005-07
				MAX ALLEN 258969139 A/P

ALLEN AERO SERVICE, INC.
851 LYLE FIELD ROAD
JEFFERSON, GA. 30549

DATE: 4-1-2006
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS
BEEN INSPECTED IN ACCORDANCE WITH ANNUAL
INSPECTION PER 1321 GUIDE. THAT MEETS
FAR 43 & 91.409 (a)(1) AND WAS DETERMINED TO
BE IN AIRWORTHY CONDITION.
N- 4532B, SERIAL: 44513-1169

TACK TIME: 1715.0, TOTAL TIME: 1715.0

HAROLD D. WILSON 25444358 I/A