Total aircraft-engine time in service 1714.7
I certify that this aircraft-engine has been inspected in accordance with Annual inspection and was determined to be in airworthy condition.
Time last 12 months 1714.7 Date 4-1-2004
Signature [illegible]
IA 2574443358

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.)
	Date 4-1-2004
	Tach: 1714.7
	100 Hour Inspection Completed I/A/W
	Inspection Guide That Meets the Requirement
	of FAR 43 & 91.409
	Insp. Brake Remove Cable & Pulley Lube
	Brake System Secure With Lock Wire. Battery Remove
	Cable Cleaned & Battery Charged. Throw
	New Thread Tube Drilled Ducts Dry Rot.
	ELT Battery Due Nov 2004
	Mark Allen 2589691394 A&P

DATE 19___	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TEST ENTRIES MUST BE ENDORSED WITH NAME, F MECHANIC OR REPAIR FACILITY (SEE BACK

DATE: 12-24-2002 N- 4532B
TACK TIME: 1714.20

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. WHEEL BEARING CLEANED AND PACKED. 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 DATED_NOV 2004. INSTALL NEW GYRO FILTER D9-18-1_ AND FOAM FILTER.
INSTALL NEW GILL 35 BATTERY.
INSTALL NEW OIL COOLER HOSES AND OIL PRESSURE HOSES.
111F417-6S0140, 111F417-6S0180, 111F417-4S0220, 111F417-4S0250
C/W AD 78-23-01 INSPECTION OF MAGNETO SWITCH NO PROBLEM FOUND.
ALL AD'S CHECKED THRU BY WEEKLY 2002-25
MAX ALLEN 258969139 A/P

Total aircraft engine time in service 1714.20
I certify that this aircraft engine has been inspected in accordance with the inspection and was determined to be in airworthy condition.
Time last 12months 1714.20 date 12-24-02
Signature [signature]
IA 2544435

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

AIRFRAME: REG. NO. 4532B
DATE: 6-1-98 TACK TIME: 1713.85 TOTAL TIME: 1713.85

100 HOUR INSPECTION COMPLETED I/AW INSPECTION GUIDE THAT MEETS REQUIREMENT OF FAR 43 & 91.409. REMOVE ALL INSPECTION PANELS. CHECKED ALL WING ATTACHMENT POINTS, LUBE ALL HINGES AND PULLEYS, CLEAN AND PACKED ALL WHEEL BEARINGS, REPLACE INSTR. FOAM FILTER AND GYRO FILTER. CHECKED ELT BATTERY DUE DATE: 4-99 .CHECKED SEAT RAILS FOR CRACKS AND SEAT BELT FOR WEAR. ALL ELECTRIC WIRING AND LIGHTS. REMOVED SPINNER REPLACE REAR AND FRONT BULKHEADS INSTALL NEW STC. COMPOSITE FRONT BULKHEAD. INSTALL NEW MAG. SWITCH PART # 10-357290-1. REPLACE ALL BRAKE LININGS INSTALL TWO NEW 600-6-6PLY MAIN TIRES.

MAX ALLEN 258969139 I/A Max Allen .

Tack Time 1713.85
Total Time 1713.85
I certify that this aircraft has been inspected in accordance with a ~~100 hr/annual~~ inspection per Guide. FAR -43&91.409 (a) (1) and was determined to be in airworthy condition.
Date 6-1-98 Signature Max Allen 1A258969139

ALTITUDE	SCALE ERROR	FRICTION ERROR
-1000	0	
0	0	
500	0	
1000	-5	+5
1500	+5	
2000	0	0
3000	0	0
4000	+5	
5000	+5	+5
6000	+15	
8000	+20	
10000	+20	+5
12000	+30	
14000	+35	
15000	+40	+5
16000	+50	
18000	+50	
20000	+50	+10
22000	X	
25000	X	X
30000		
35000		
40000		
45000		
50000		

AFTER EFFECT 10'

CASE LEAK 50'

HYSTERESIS

ALTITUDE	UP READING	DOWN READING
10,000	10020	10010
8,000	8020	8025

BARO. SCALE ERROR

28.10	-1750
28.50	-1380
29.00	-885
29.50	-385
29.92	0
30.50	+540
30.90	+890
30.99	+965

ALTIMETER SERIAL NO. 11587

DATE TESTED 1 Aug 97

MECHANIC W. Evans

INSPECTOR

Tested in compliance with Appendix E, Part 43, F.A.A. Regulations, 29 July 1965.

Calibrated to 20,000 ft.

Gardner Aviation Specialist, Inc.
215 Barry Whatley Way • Griffin, Georgia 30223
Phone: (770) 412-7216
F.A.A. Repair Station # G3SR222J

FORM NO. 008

ing Ref. No.

79

ontract, umber.

79

12. Status/Work

Recertify

ral Aviation

new.

e with FAR 43.9 lock 13 (or accordance and in respect pproved for

. Certificate Number G3SR222J

23. Date: 01 Aug 97

22. Name (Typed or Printed:)

Donald L. Gardner

*Installer must cross check eligibility with applicable technical data

17. Name (Typed or Printed:)

18. Date:

FAA Form 8130-3 (11-93)

RATIONS
E NUMBER OF
IFIC ENTRIES.)

AIR
DA

10
TH
INS
PO
AL
FIL
RA
WI
FR
BU
RE
MA
M

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.)

CRS#: G3SR222J
GARDNER AVIATION SPECIALIST, INC.
215 BARRY WHATLEY WAY
GRIFFIN, GA 30224

08/06/97
N4532B
AA-5B
A/C TT: 1,628.4

WO# 7579
GULFSTREAM AMER
S/N: AA5B-1169
HOBBS: 1,782.0

IFR CERTIFICATION. PERFORMED STATIC LEAK TEST AND ALTITUDE REPORTING TEST PER FAR 91.411. PERFORMED TRANSPONDER CERTIFICATION PROCEDURES PER FAR 91.413 REQUIREMENTS.

ENCODING ALTIMETER: 5035P2-P25 SN: 11582
TRANSPONDER: KT78A SN: 5529

DAVID L. GARDNER G3SR222J

DATE

AIRFRA
DATE:

100 HO
THAT M
INSPEC
POINTS
ALL WH
FILTER
RAILS
WIRING
FRONT
BULKHE
REPLAC
MAINTI
MAX

FAA Forms 8130-3

DATE 1997	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.)
12-3-97	Tach time:		1694.2	Remove Cowling for Inspection of Breather Hose. MIL-600 3/4 hose is Installed on Aircraft Per SB-187 Max Allen 258969139 IA
12-5-97	Tach time		1695.96	Replace Landing Light Bulb. GE 4509. Replace left NAV light Bulb. Replace Connect. on Right NAV light. Serv. Battery w/water And Check Air in All Tires. Max Allen 258969139 A&P

• SERVICEABLE • ☐ ~~Overhauled~~

Make

202

PRECISION AVIATION, INC.

8124 Lockheed, Houston, Texas 77061 - (713) 644-7383

TEST & INSPECTION **FUNCTIONAL TEST** **TI-1**

PAI-700	SERIAL NO. 31613
	DATE SEP 09 1997

PAI 4 INSP. — INT. MECH. INSP. — FINAL OPER. INSP. — PAI INSP.

MECHANIC Hoanh — INSPECTOR

STOCK:

BY _____ DATE _____

SHIPMENT:

BY _____ DATE _____

CUSTOMER:

_____

OPERATING LIMITS

LEVEL FLIGHT	OK ☑	REJECT ☐
20° BANK L & R	OK ☑	REJECT ☐
20° DIVE	OK ☑	REJECT ☐
20° CLIMB	OK ☑	REJECT ☐
COMPENSATION		
EAST - WEST	R 35°	L 35°
NORTH - SOUTH	R 31°	L 32°
SCALE ERROR	OK ☑	REJECT ☐
FRICTION	OK ☑	REJECT ☐
DAMPING	OK ☑	REJECT ☐
HEELING ERROR	R -2°	L 2°

COMMENTS _____

_____

NS
BER OF
NTRIES.)

DATE
1997
12-3-9

12-5-9

R222J 11/14/97 WO# 8116
ER AVIATION SPECIALIST, INC. N4532B GRUMANN
215 BARRY WHATLEY WAY AA-5B S/N: AA5B-1169
GRIFFIN, GA 30224 A/C TT: 1,628.4 HOBBS: 1,782.0

SWING COMPASS. PERFORMED COMPASS SWING.

DAVID L. GARDNER G3SR222J

DATE
1997
12-3-9
12-5-9

DATE 19 97	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.)
12-14-97	Tach Time		1658.2	
				Remove Compass Installed New PA1-700 Vertical Card Magnetic Compass And Bracket P/N 31613-14V
				[illegible] A&P

DATE 1997	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.)
3-28-	Tack Time		1593.29.	
				100 Hour Inspection Completed I/A/W.
				AAS Inspection Guide. Installed
				New VA-25 Battery + ELT Battery
				Due Date Apr. 99.

Total Time 1593.29 Tack Time 1593.29

I certify that this aircraft has been inspected in aero ordinance with a (~~100 hr/annual~~) inspection per AAS Guide. FAR-43&91.409 (a) (1) and was determined to be in airworthy condition.

Date 3-28-97 Signature [signature] 1A256969139

ERATIONS
TE NUMBER OF
CIFIC ENTRIES.)

w)
uts of
ion.
& hubed.
tery Rep.
FILTER.
ed and
by INSP.
uts
e 1735.10
Reinstalled

FAA Fo

DATE 1995	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.)
4/25/95	1593.1		1593.1	

4/25/95 TACK TIME 1593.1
100 HOUR INSPECTION COMPLETED I/A/W INSPECTION.
OPENED AIRCRAFT FOR INSPECTION CHECKED ALL WING
ATTACHMENT POINTS. REPLACE I.B. WING BOLTS PER
SERVICE BULLETIN NO # 185, FLUSHED FUEL SYSTEM.
INSTALLED NEW ELT BATTERY APRIL 96. CLEANED AND
PACKED WHEEL BEARING. C/W AS 79-22-04 BY INSP.
AD-24-03 BY INSP. TORQUE ON WING BOLT. AD-82-27-01
BY INSPEC. (PROP HUB DUE 1735.10)

Total Time 1593.1 Tack Time 1593.1
I certify that this aircraft has been inspected in aero
rdinance with a (100 hr/annual) inspection per
Grumman A.A.S. Guide. FAR -43&91.409 (a) (1) and
was determined to be in airworthy condition.
Date 4/25/95 Signature [illegible] IA2589699

DATE 1994	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.)
2/26/94	1584.93		1584.93	100 HOUR INSPECTION COMPLETED I/A/W INSPECTION GUIDE THAT MEETS REQUIRMENTS OF FAR PART 43. OPENED AIRCRAFT UP FOR INSPECTION. CHECKED ALL WING & CONTROL ATTACHMENT POINTS & HUBED. FLUSHED FUEL SYSTEM, INSTALLED NEW ELT BATTERY REP. DATE APR-96. INSTALLED NEW INST. BY PASS FILTER. CLEANED & REPACKED ALL AIRA BEARINGS, CLEANED AND SERVICED BATTERY & DX C/W AP 79-22-04 by INSP. C/W AD 24-03 By INSP. TORQUE ON WING BOLTS- C/W AD 82-27-01 By INSP PROP HUB. DUE 1735.10 CLEANED AIRCRAFT DOWN ALL COMPONENTS REINSTALLED AND SAFTYED.
	1584.93			

Total aircraft time in service 1584.93
I certify that this aircraft has been inspected in accordance with an annual inspection and determined to be airworthy.
Time Inspection Due
Signature
Date 2/26/94
IA-2026793

DATE 1995
4/25/95

DATE 1992	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.)
12/18/92	15351		1535.1	100 Hour INSPECTION Completed I/A/W INSPECTION Guide
				That meets REQUIRMENTS OF FAR PART 43
			Removed	ALL INSPECTION PANELS & PLATES, Checked ALL Wing &
			ATTACHMENT	POINTS. Cleaned & PACKED Wheel BEARINGS, Serviced
			BRAKES,	C/W AD 79-22-04 by INSPECTION. C/W AD 24-03 By
			INSPECTION	OF TORQUE ON Wing BOLTS. C/W AD 92-27-01 by INSP.
			PROP. Hub	DUE 1735.10 TACH TIME. Checked E&I FOR OPERATIONAL
			BATTERY	Rep. Due MAY 93. FLUSHED Fuel System. Cleaned & SERVICED
			BATTERY	BOX. ALL COMPONENTS REINSTALLED & SAFTYED Cleaned AIRCRAFT
			down.	

Total aircraft time in service
I certify that this aircraft has been inspected in accordance with inspection and was determined to be in airworthy condition.
Time last 12 months
date 12/18/92
Signature
IA-2026793

DATE 1991	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.)
5/1/91	1533.74		1533.74	100 Hour Inspection Completed IAW Requirements
				OF FAR 43, Opened Aircraft up For Inspection
				C/W AD 74-22-04 by Inspection C/W AD 24-03 by Inspection
				OF Torque on wing Bolts, C/W AD 82-27-01 by Inspection of
				Prop. Hub Due 1733.74, Checked ESI for Operational
				Battery Replacement Due May 93 Replaced Instrument Air Filter,
				RA 20, Installed new Instrument By-Pass Filter,
				Cleaned & Replaced All Wheel Bearings, Checked & Serviced Brakes,
				Flushed Fuel System, Checked Lights & Lubed.
				All Components Reinstalled & Safetyed Cleaned Aircraft down.

Total aircraft engine time in service 1533.74
I certify that this aircraft engine has been inspected in accordance with Annual inspection and was determined to be in airworthy condition.
Time last 12 months date 5/1/91
IA-2026793
Signature

DATE 1992
12/18/92

Total aircraft engine time in service

FAA Fo

SERVICEABLE

Lowe Aviation Instruments
Municipal Airport
Macon, GA 31297

TACH 12/15/90
1527.6

(912) 788-7450

Lowe Aviation Company, Inc. **Repair Station No. ETER699D**

Part Name Turn & Bank Mfg. Castle Berry

Model N/A Part No. 52D75-14 (14V

Serial No. 2131E

Customer Allen Aero

☐ Calibrate ☒ Check ☐ Certified to FAR 43
☒ Repair ☐ Overhaul Appen. E. _____ Ft.

T.S.O. _____ TTIS _____

Work Order No. 13896 Date AUG 28 1990

Mechanic _____ Inspector _____

FAA Fo

AIRCRAFT RECORD — GENERAL INFORMATION

MANUFACTURER GULFSTREAM AMERICAN MODEL AA-5B SERIAL AA5B-1169

REGISTRATION NUMBER N-4532B DATE MFG. 1979

ENGINE(S) CURRENTLY INSTALLED.

MFG LYCOMING MODEL O-360A4K SERIAL L-26321-36A

MFG _____ MODEL _____ SERIAL _____

PROPELLER(S) CURRENTLY INSTALLED.

MFG MCCAULEY MODEL _____

HUB MODEL _____ SERIAL _____ SERIAL _____

BLADE MODEL 1A170FFA7563 SERIAL P80715 SERIAL _____ SERIAL _____

BLADE MODEL _____ SERIAL _____ SERIAL _____ SERIAL _____

The Standard
AIRCRAFT LOG

N4532B

2

GRUMMAN AMERICAN AVIATION CORPORATION

P.O. BOX 2206, SAVANNAH, GEORGIA 31402

AIRCRAFT LOG

ENG. SER.

PERIODIC INSPECTION RECORD

NO.

DATE 19___	TOTAL TIME	COMPLIANCE CONDITION, REPAIR, REPLACEMENT, ETC.	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY

SERVICED BY

CASTLEBERRY

Instruments & Avionics, Inc.
A Subsidiary of The BFGoodrich Company
817 Dessau Rd.
Austin, Texas 78753-9710
Phone (512) 251-3441
FAA Repair Station No 3812
FAA Manufacturer's Maintenance Facility 243-13

AIM®

Serviceable Part Tag

CUSTOMER Courtesy Aviation Services, Inc

ENG. SER. **PERIODIC INSPECTION RECORD** NC

DATE 19___	TOTAL TIME	COMPLIANCE . CONDITION, REPAIR, REPLACEMENT, ETC.	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
4-17-90		Morgan Aircraft Serv.	
		817 White	
		29198 Red	
		H 8066 Gold	
		McAllen	
		258969139	

Mfg. FORD DOFE10300 J

Part No.

Serial No. 1030995 AE No. 315

Model

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station under:

Order No. 1083 Date MAR 24 1981

Signed: Thomas Powell

AIRBORNE ELECTROSYSTEMS
P. O. Box 273 205/227-4327 TWX 810-744-3450
FORT DEPOSIT, AL. 36032 U. S. A.
F. A. A. APPROVED REPAIR STATION NO. 3779

SPARES

ENG. SER. NC

PERIODIC INSPECTION RECORD

DATE 19___	TOTAL TIME	COMPLIANCE · CONDITION, REPAIR, REPLACEMENT, ETC.	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
4-17-90		Morgan Aircraft Serv.	
		817 White	
		29198 Red	
		H 8066 Gold	
		McAllen	
		258969139	

ENG. SER

DA
19

EQUIPMENT RECORD

NC

DATE 1990	MFG. NAME	MFG. MODEL	MFG. SER.	DESCRIPTION OF EQUIPMENT	OPTIONAL INSTALLED	REQUIRED INSTALLED	REPLACEMENT ADD	REMOVAL
4-18				Reinstalled And Baffles, Aircraft had Complete new Paint job Using Imron Paint, All Control surfaces Balanced, Checked, All Checked good.				
				T.T. 1501.30				

Total aircraft-~~engine~~ time in service 1501.30

I certify that this aircraft-~~engine~~ has been inspected in accordance with Annual inspection and was determined to be in airworthy condition.

Time last 12months _____ date 4/18/90

Signature _____ IA 2026793

DATE 19___	

WEIGHT AND BALANCE RECORD

NC

DATE 1990	TOTAL TIME 1503.30	EMPTY C.G.	EMPTY WEIGHT	USEFUL LOAD	GROSS WEIGHT	BAGGAGE ALLOWABLE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
4-18	Repaired damaged left Wing by removing one section & installing PN 5201004-502 section, Repaired minor damage Stabilizer by installing New 530 2038-506 Vertical stabilizer Assy., repaired left engine cowling by installing new REMFG PN 101028-9014 Cowl Assy. Installed New Tail-light lens on rt Wing. Repaired minor damage to rt hand Wing top skin by filling small dents, Opened Aircraft up for inspection, Checked All Wing & Control Attachment points Pulled Wheels & repacked bearings, flushed fuel system, Checked ADs to date. Installed New Window in rt side, Cleaned & Serviced battery, Checked ELT for Oprtional, battery due March 91, C/W AD 79-22-04, AD 81-24-03 Complied With torques on Wing bolts & torque tubes, Checked & Serviced brakes, Cleaned AirCraft down Checked All lights, All Components Continued on Next page						

ENG. SER. NC

AIRWORTHINESS DIRECTIVES

DATE 19___	DIRECTIVE NUMBER	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
4/14/80	79-22-4	aileron OSCILLATION INSP - PAR A+B Every 100 Hrs	RVobelgh IA1448528
4/14/80	80-4-5	PROP INSP	RVobelgh IA1448528
9/3/80	79-22-4	~~aileron~~ Aileron insp Tach Time 602.5 Rep A+B every 100 Hrs	Lewis AP1064463
11/3/80	79-22-4	aileron insp - insp - Par A+B every 100 hr	Lewis AP1064463
12-14-82	82-27-01	McCAULEY PROP INSPECTED BY DYE METHOD RECURRING DUE	TACH 1188.6 TACH 1388.6
12-14-82	81-24-03	FILTER INSPECTION & PLACARD INSTALLED	5503014
12-14-82	79-22-04	AILERON INSPECTION PARA A&B	DUE 1288.6
		Reference AD's Listing Sheet in rear of this book.	

DATE 1990

4-18

ENG. SER.

MANDATORY SERVICE BULLETINS

NC

DATE 19___	TOTAL TIME	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
MAR-16-89	1430.2	CONT. FROM PREVIOUS PAGE	

I certify that this AIRCRAFT has been inspected in accordance with a ANNUAL inspection and is approved for return to service.

Aircraft total time 1430.2 Recorder time 1430.2

Left engine 1430.2 Right engine ———

Work Order # 2874 Date MAR-16-89

Signed David H Smith For: Piedmont Aviation, Inc.
3904 Airport Extension Rd.
Monroe, NC 28110
Phone number: 704-289-5546
FAA Certified Repair Station Number 766-59.

Details of other work accomplished on file at this repair station under work order # 2874

Dated MAR 16 89 Signed David H Smith

for Piedmont Aviation, Inc, 3904 Airport Extension Rd., Monroe, NC 28110, 704-372-6849.

Repair station # 766-59.

ENG. SE

DATE 1990

MAJOR REPAIR AND MAJOR ALTERATION RECORD NC

DATE 19___	TOTAL TIME	WORK ORDER NO.	DESCRIPTION OF REPAIR OR ALTERATION (ACA-337) OR MAINTENANCE RELEASE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
MAR-16-89	1430.2		AIRCRAFT INSP. IN ACCORDANCE WITH ANN ANNUAL INSP. -ELT BATT. REPLACED - AIL. + ELEV CABLE TENSIONS SET AS PER MAINT. MANUAL + TURNBUCKLES LOCKWIRED - AD 79-22-04 + AD 81-24-03 COMPLIED WITH - ALL TORQUES ON WING BOLTS + TORQUE TUBES CHECKED - BRAKE LININGS REPLACED - ALL THREE TIRES REPLACED - BEARINGS CLEANED + PACKED - AIR FILTER (ENG) REPLACED DUE TO BE REPLACED ANNUALLY/100HR -RT WING QUICK DRAIN REPLACED - NOSE STRUT REMOVED CORROSION CLEANED UP + STRUT REINSTALLED + SEALED AS PER MAINT. MANUAL	

CONTINUED NEXT PAGE

E RELEASE

lled on the reverse side was repaired
rrent Federal Air Regulations and was
. Pertinent details of the repair are on

F.A.A. CERTIFICATE NO.

ENG. SER. NC

DATE 19___.	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
1-19-89	Removed old			D.G. Installed new D.G	S/N 04552.
					REPAIR STATION #703-24A

KELLEY INSTRUMENTS, INC.
1024 S. SANTA FE
WICHITA, KANSAS 67211

CERTIFICATION TAG
Certified Repair Station NO. 322-6

Unit Name DIRECTIONAL GYRO Ser. No. 04552

Type 4000B Mfg. NESTON

Overhauled By NSP Insp. By [illegible]

Minor Rep/Alt. Work Order No. _____

By _____ Repairman _____

If Not Overhauled Fill Out Below

THIS UNIT TESTED AND APPROVED FOR FURTHER SERVICE

By _____ Date _____

SERVICEABLE

C

GNATURE AND
RTIFICATE NO.

04552.

DATE
19__

MAR-16-89

703-24A

FORWARD TOTALS TO
TOP OF NEXT LEFT PAGE

ENG. SER.

NC

DATE 19___.	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
10-25-88					
	I certify the altimeter and static system tests required by FAR 91.171 have been performed.				
	Static system test date 10-25-88				
	Altimeter S/N 17582 tested to 20,000 ft.				
	on 10-25-88 (Date)				
	Signed: for				
	Causey Aviation Service, Inc.				
	P.O. Box 2472, Asheboro, N.C. 27203				
	RS703-24A W.O. # A4767				

AIRCRAFT LOG

DATE 19__	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
8-12-88	Installed on Apollo 612B S/N per 337. Weight and balance and equipment list updated.
	NEW EMPTY WEIGHT 1473.61
	NEW EMPTY C.G. 82.49
	NEW EMPTY MOMENT 121559.9
	NEW USEFUL LOAD 926.39

REPAIR STATION #703-24A

Gerald L Geffe

35

SEE PERTINENT FAR 91.141, 91.142, 91.145, 91.147, 91.149, 91.173 AND 91.175

ENG. SER.

DATE 19 88	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	NC SIGNATURE AND CERTIFICATE NO.
7/21	1350.6		1360.6	C/WO 79-22-04 para (a) & (b) by inspection -	
		no defects noted.		C/WO 82-27-01 by recondition of prop.	
		Reseeded Rwing at fuel access panel		Complete details	
		on file WO. 5235			
				This aircraft and/or component is approved for return to service. All pertinent details on file this repair station. Triad Aviation, Inc. FAA Repair Sta. # 711-23 Signed James H. Logan Date 7/21/88	

34 FORWARD TOTALS TO TOP OF NEXT LEFT PAGE

DATE 19___

8-12

AIRCRAFT LOG

DATE 1988	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
4-21	Replaced Attitude gyro PN 5000B-4 with REBUILT UNIT S/N 4532B CASTLEBERRY T
	TACH 1314.

4532B
4-21-88

MAINTENANCE RELEASE

COMPONENT AH SERIAL NO. T417239

PART/MODEL NO: 5000 B36

☐ Overhaul ☐ Repair ☐ Bench Ck & Test ☑ New

The Aircraft Appliance identified above was overhauled, repaired and bench tested, or is new as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this repair station under

Work Order # 52061 Date 4-20-88

Authorized Signature [signature]

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

33

AND
NO.

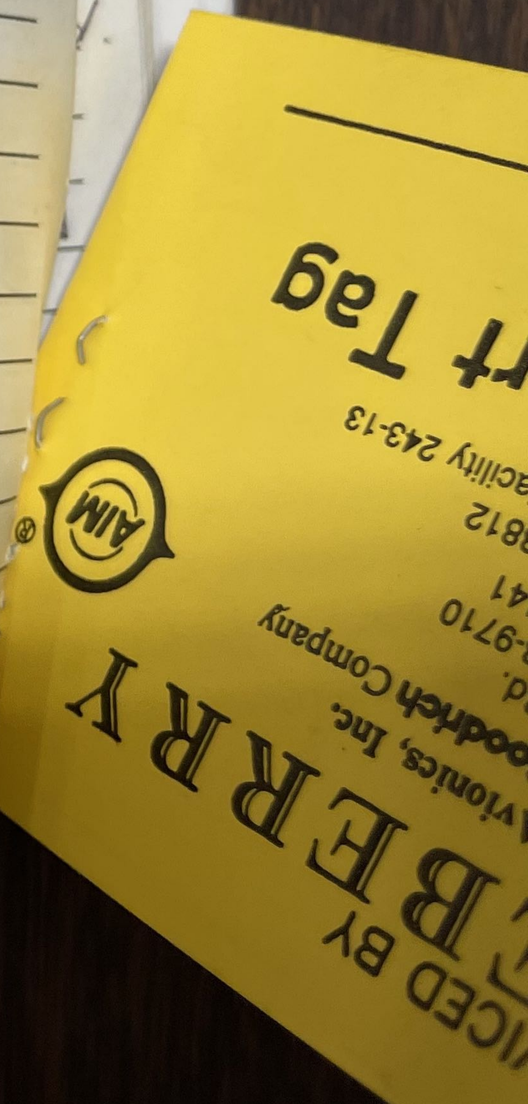
Serving
Certifs
Determ
603549
01.4

376512 IA.

AIRCRAFT LOG

DATE 1988	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
4-21	Replaced Attitude gyro PN 5000B-4 with REBUILT unit from Castleberry Instruments PN 5000B-36 SN T41723J Tach 1314.8 SEE RELEASE TAG this page [signature] EA1400853

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175



ENG. SER. NC

DATE 1987	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
2/16	128236	I		CERTIFY THAT THIS AIRCRAFT HAS BEEN	
		INSPECTED		IN ACCORDANCE WITH AN	
		ANNUAL		INSPECTION AND WAS DETERMINED	
		TO BE IN		AIRWORTHY CONDITION.	
				Thomas 29232608 IA	
3-19-88	TACH 1301.04			Lubed all control Cables & control Servic	
				Batt, ELTCK, SERVICE Brakes, Lub CK Bearings I Certify	
				that this Acft was insp with a 100 HR INSP AND was Determ	
				& bee in airworthy cond Thomas Carter A&P 246603549	
				I CERTIFY THAT THIS AIRCRAFT 3-19-88 TACH 1301.4	
				HAS BEEN INSPECTED IN ACCORD-	
				ANCE WITH AN ANNUAL IN-	
				SPECTION AND WAS FOUND TO BE	
				IN AN AIRWORTHY CONDITION. Carl F Williams IA+P 1876512 IA	

39 FORWARD TOTALS TO TOP OF NEXT LEFT PAGE

DATE 1988
4-21

AIRCRAFT LOG

DATE 1986	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
10-9	REPAIRED: KI-208 # 7337, KI-209 # 5157, KX-170B #'s 5572196234 9, KR-85
	# 36756, see WO # 102386. REPAIRED KT-78A # 5529 on WO # 102486.
	John Powell 1986132 R/S # 711-1
3/2/87	NEW ELT BATTERY INSTALLED THIS DATE. DUE
	REPLACEMENT 2/89 - Johnson 2923260872A
7/10/87	REPL. SEAT HOSE FROM FORWARD ENGINE BULKHEAD TO "Y" FITTING
TACH	REMOVED FIRE EXTINGUISHER FROM UNDER PILOTS SEAT. REPL. BRAKE
1282.36	LININGS. REPL. POP RIVETS IN BOTH WINGS AT INSPECTION PANELS
	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN
	ACCORDANCE WITH A 100HR INSPECTION & WAS DETERMINED
	TO BE IN AIRWORTHY CONDITION Terry L Quick AP2684057

AIRCRAFT LOG

DATE 19___	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
	I certify that the altimeter, each automatic pressure altitude reporting system and static system has been inspected and tested as required by FAR 91.171. The altimeter has been tested to 20,000 ft. Details are on file under WO # 100586 Date 10-1-86 Signed _____ for Powell Avionics, R/S 711-1, Fayetteville, NC
	I certify the ATC transponder test and inspection required by FAR 91.172 were performed this date and found to comply with FAR 43, Appendix F. Make KING Model KT-78A S/N 5529 Details of this inspection are on file at this repair station on WO # 100586 Dated 10-1-86 Signed _____ for Powell Avionics, R/S 711-1, Fayetteville, NC

MAX ALTITUDE LIMITED TO 15,000 FT DUE TO KT-78A LIMITATIONS

ENG. SER.

NC

DATE 1986	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
8/26	1257			NEW NOSEWHEEL BEARINGS & RACES INSTALLED, NEW GOODYEAR TIRE INSTALLED ON NOSE. J Thurm 2425260871A	
9/20	1261.15			INSTALLED NEW RUDDER CENTERING SPRINGS PN THIS DATE. K.J. Fuge A&P 2109178	
				FORWARD TOTALS TO TOP OF NEXT LEFT PAGE	

28

DATE 19___

I certi
quired
found
Make
Do all
statio

AIRCRAFT LOG

DATE 1986	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
6/13	TACH 1246.9 ELT CHECKED FOR OPERATION, BAT DUE
	2/87. RELINED BRAKES, REPLACED 1 BRAKE BACK
	PLATE. SERVICED BATTERY & ALL FLUIDS, C/W
	AD 79-22-04 PER PAR. A&B. MUFFLER OVERHAULED
	BY AIRCRAFT EXH. SYSTEMS. & RE-INSTALLED.
	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED
	IN ACCORDANCE WITH AN ANNUAL INSPECTION
	& WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
	J Brown 292326087 IA

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

ENG. SER. NC

DATE 19___.	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
	Serviced brake reser and inspected linings.				
	Washed exterior and lubed external hinges.				
	AD Compliance review thru 85-02. I certify				
	that this Aircraft has been inspected in accordance				
	with a Annual inspection and was approved				
	for return to service this date. -End-				
					Terry L. Ingold
					IA-2109176

AIRCRAFT LOG

DATE 19 85	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
2-14-85	Recording Tach 1243.9 Annual inspection completed Airframe Total 1243.9 this date per Gulfstream Maintenance Manual. Removed plates & covers. Checked cables, lubed pulleys. Torque tubes lubed and Aileron's inspected per PARA A&B of AD 79-02-04. C/W AD 82-27-01 McCauley Prop. by Removal and die penetrant inspection of hub and bolt holes. No cracks were noted. Replaced ELT battery & functional test ELT okay. Battery Due 2-87. Removed A/C battery, serviced and cleaned battery box. Repaired crack in cowling & cowling to fuselage mount on right side.

ENG. SER. NC

DATE 1983	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
12-1-83	RECORDING	TACH	1223.6	ANNUAL INSPECTION COMPLETED	
	AIRFRAME	TT	1223.6	THIS DATE. REMOVED PLATES	
	ENGINE	TT	1223.6	AND CHECKED CABLES AND	
				LUBED PULLEYS & TORQUE	
				TUBES. C/W AD 79-02-04	
ATTITUDE INSPECTION.		FUNCTIONAL TEST		OK. BATTERY	
DUE 12-28-83.		WASHED EXTERIOR &		LUBED EXTERIOR	
HINGES. I CERTIFY		THAT THIS AIRCRAFT		HAS BEEN	
INSPECTED IN		ACCORDANCE WITH A		ANNUAL	
INSPECTION AND		WAS APPROVED FOR		RETURN TO	
SERVICE THIS		DATE.		Leroy L. Ingold	
				IA-2109476	

FORWARD TOTALS TO TOP OF NEXT LEFT PAGE

AIRCRAFT LOG

DATE 19___	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
	ANE INSPECTION. 79-22-04 PERF A&B AILERON INSPECTION AND 81-24-03 CARB INLET FITTING BY INST PLACARD P/N 5503014. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS APPROVED FOR RETURN TO SERVICE THIS DATE.
	Jerry L. Angood IA-2109176
	.93 21

ENG. SER.

DATE 1982	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	NC SIGNATURE AND CERTIFICATE NO.
12-14-82	1188.6		1188.6	ANNUAL INSPECTION COMPLETED THIS	
	ENGINE	TT	1188.6	DATE PER AISB INSPECTION GUIDE.	
				REMOVED PLATES & OIL'D CABLES AND	
				INBOARD PULLEYS AND TORQUE TUBES.	
				REMOVED WHEELS AND PACKED WHEEL BEARINGS. REPLACED	
				BRAKE LININGS & SERVICED SYSTEM.	
				SERVICED BATTERY & CLEANED BOX	
				COMPONENTS. FUNCTIONAL TEST ELT	
				BATT DUE 12-28-83. ADS THRU	
				82-26 CHECKED. COMPLIED WITH	
				AD 82-27-01 McCAULEY PROP BY	

FORWARD TOTALS TO TOP OF NEXT LEFT PAGE

22

20

DATE 19___

OWNER Gulfstream American

MAKE King MODEL KX-170B S/N 59577

Maintenance Release.

The Radio, Component or Instrument identified above, was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service.

Pertinent details of the repairs are on file at this repair station under work order # 4664 **Dated** 5-20-82

Inspected By [signature]

AIRTRONICS SOUTH, INC [redacted] SALES CORP.

4095 CLAIRMONT ROAD
ATLANTA, GEORGIA 30341

PHONE (404) 455-0348
FAA REPAIR STATION # 701-19

REMOVE BEFORE INSTALLATION

DATE
1982

6/14

6/16

7-15 1187.4 HRS T.T. - Replaced ELT Battery - New Replacement DATE: Dec 28-1983 Joshua Mills A+P 11346209

91

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

AIRCRAFT LOG

DATE 1982	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
6/14	1181.4 HRS. T.T. — Installed new Battery + Battery Box. Replaced Rotating Beacon Bulb + Right hand strobe power pack. Removed, overhauled + Reinstalled NAVcom's KX170B #1 + #2. -(See yellow TAB) Radios check ok. — Leslie A. Mills ATP 11346209
6/16	1181.4 HRS T.T. - Reinstalled Main & Nose Wheel Fairings. Replaced L/H + R/H Brake Pads - John R. Breen ATP 296448019
7-15	1183.4 HRS T.T. - Replaced ELT Battery - new Replacement DATE: Dec 28-1983 Leslie A. Mills ATP 11346209

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

-83

91

ENG. SER. NC

DATE 19___.	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
OCT 27-1981	Tach	1140.4		ACFT INSPECTED. IN	
Accordance With An Annual Inspection And.					
Determined To Be AIRWORTHY. All Controls Inspected					
All Systems Inspected. AD 79-2-4 Para A+B. Cw					
By Inspection ELT Batt Replacement Date OCT 82.					
Robert Wehrmeyer			144528 IA		
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

AIRCRAFT LOG

DATE 19 81	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
May 21-1981	TT 937.6 HRS AD 79-2-4 para A+B Elt Battery Replacement Date July 1981 Oil Cooler Scrap Fan Hose & OK Controls Checked, Annual Insp Completed per Check list in Maintenance Manual Acft determined To be Airworthy Robt Imbrogno IA 1448508
June 10-1981	Replaced alternator with Rebuilt airborne unit, SN 1030 995, Replaced Idler Cover gaskets Cleaned oil Screen. TT 1065 HR Robt Imbrogno 1448508 IA

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

19

AIRCRAFT LOG

DATE 19___	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
2/28/81	I Certify this AIRCRAFT has having Been Inspected IN ACCORDANCE with A 100 HOUR INSP AND FOUND to Be IN A AIRWORTH CONDITION Dennis Ellison A&P/IA 2250 2283 Tach time 814.3
2-25-81	Transponder Checked per FAR 91.177 By NORTHEAST AVIONICS INC INV # 2049, ALT Airgyd for IFR By AERONAUTICAL INST LAB INV # 2493 Blackrock 1448578 IA
4/10/81	TACH 868 Replaced Both Main Wheel Tires Blackrock 1448578

ENG. SER. NC

DATE 19___.	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
9/3/80	Tach Time 602.5 hr			I certify that this Aircraft has Been Inspected in accordance with A 100hr Inspection And found to Be in Airworthy condition Lowell Byrnie A&P1064416 38	
11/13/90	Tach 762.2hr			I certify that this Aircraft has Been Inspected in accordance with A 100hr Inspection And found to Be in Airworthy condition, Change Carbon Door gasket Lowell Byrnie A&P1064416 38	

16 FORWARD TOTALS TO TOP OF NEXT LEFT PAGE

DATE 19___

2/24/8

2-25-

4/16/81

AIRCRAFT LOG

DATE 19	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
June 6-18-80	Cplc with A.D. 78-2-4 per FAR A+B OK. T.T. 495.5 Hrs. Annual inspection Completed using Grumman maintenance check list Aircraft determined to be in airworthy condition Rebuilt 1448578 ELT Battery Replacement Date July 1980 Due
6-18-80	Replaced left TIRE Rebuilt

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173 AND 91.175

AIRCRAFT LOG

DATE 1980	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
4/14/80	Complied with Ad. 79-22-4 AMS 39 3600 para a & b. Complied with ad 80-4-5 prop insp. Aircraft inspected in accordance with ~~100 HR~~ annual RV insp and determined TO be airworthy TAT 392 HRS Rbarlow IA 1448578
4/14/80	ELT Dated July 1980 Pl. installed new Brake linings Rbarlow IA 1448578
4/14/80	CW SB 169 Drilled new drain hole Rbarlow

ENG. SER.

DATE 19___.	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	NC SIGNATURE AND CERTIFICATE NO.
1-22-80	C/W	SB #		167A BY INSPECTION OF PROP.	
PROP	S/N	P80715		T-T 300 HRS.	
				R. Voeltz A&P 1781062	
12 FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

DATE 1980

4/14

Insp

4/14/80

4/14/8

AIRCRAFT LOG

DATE 19___	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
	THE FOLLOWING MAINTENANCE WAS PERFORMED AT GULFSTREAM
	AMERICAN CORP., SAVANNAH, GEORGIA, F.A.A. REPAIR STA.
	701—10 AS PER WORK ORDER # 2414
	DATED 1-8-80 AIRCRAFT TOTAL TIME 298.28
	ACTL [signature]
	REPLACED LEFT OUTBOARD WING PANEL P/N 5201005-501
	APPROVAL TAC IN REAR OF THIS BOOK. END

ENG. SER. NC

DATE 19___	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
1-4-80	TOTAL TIME 292 HRS. REPLACED ALL TIRES. CHARGED BATTERY. C/W AD 79-22-04 PAR. A & B. REPLACED L.H NAV LIGHT LAMP AND LENS. MINOR DENTS IN SKIN ON LEADING EDGE OF OUTBOARD L.H WING CHECKED AND FOUND SATISFACTORY FOR FLIGHT. NEW SECTION ON FACTORY BACK ORDER. WING STRUCTURE INSPECTED AND FOUND SATISFACTORY.				
				DATE 1-4-80 TOTAL TIME 292	
				I CERTIFY	
				THAT THIS AIRCRAFT HAS ~~BEEN~~	
				~~INSPECTED~~ IN ACCORDANCE	
				WITH A 100 HR INSPECTION AND	
				WAS DETERMINED TO	
				BE IN AIRWORTHY CONDITION	
				NAME R. Loeb # AP 1128100	
10	FORWARD TOTALS TO TOP OF NEXT LEFT PAGE				

AIRCRAFT LOG

DATE 19___	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
10-25-79	REPLACED BRAKE LININGS. REPLACED TAIL NAV LIGHT LAMP.
	DATE 10-25-79 TOTAL TIME 193.5
	I CERTIFY
	THAT THIS AIRCRAFT HAS BEEN
	INSPECTED IN ACCORDANCE
	WITH A 100 HR. INSPECTION AND
	WAS DETERMINED T
	BE IN AIRWORTHY CONDITION
	NAME R. Voelings # 1271378000.
11-27-79	T-T 255.8 C/W AD 79-22-04 PAR. A & B BY INSPECTION OF AILERONS. DUE EVERY 100 HRS.
	R. Voelings A&P 1378000.

9

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173 AND 91.175

ENG. SER.

DATE 19 75	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	NC SIGNATURE AND CERTIFICATE NO.
1 Aug	98.45	DATE 1 Aug 75		TOTAL TIME 98.45	
		I CERTIFY			
		THAT THIS A/V Fuselage HAS BEEN			
		INSPECTED IN ACCORDANCE			
		WITH A 100 hr INSPECTION AND			
		WAS DETERMINED TO			
		BE IN AIRWORTHY CONDITION			
		NAME Robert L Wood #684691 23			

8 FORWARD TOTALS TO TOP OF NEXT LEFT PAGE

AIRCRAFT LOG

DATE 19___	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER

THIS TRANSPONDER AND ENCODING
ALTIMETER HAS BEEN TESTED AND MEETS
THE OPERATING REQUIREMENTS SPECIFIED
IN F. A. R. PARTS 91.36 AND 91.177.

4-27-79
date

Authorized Signature

AIRCRAFT LOG

DATE 19___	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER

I HAVE INSPECTED THIS AIRCRAFT AND ISSUED A CERTIFICATE OF AIRWORTHINESS, FAA FORM 8100-2

DATED 5-11-79

SIGNED Milton N. Salmon II
DMIL-A50233-6

THIS AIRCRAFT HAS BEEN EQUIPPED WITH AN EMERGENCY LOCATOR BEACON.

THIS EQUIPMENT HAS BEEN ARMED

AS OF 4-20-79 (DATE).

GULFSTREAM AMERICAN CORP.

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

ENG. SER. NC

DATE 19 79	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
4-27			2.35	Production Flight Test	[signature]
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

AIRCRAFT LOG

NC N4532B

DESCRIPTION

AIRCRAFT MFG. Gulfstream American MOD. AA-5B SER. NO. AA5B-1169

AIRCRAFT COLOR _____ SPAN _____ LENGTH _____ DATE MFG. 1979

ENGINE MFG. Lycoming MOD. O-360-A4K SER. NO. L-26321-36A

ENGINE MFG. _____ MOD. _____ SER. NO. _____

PROP. MFG. McCauley HUB MOD. _____ SER. NO. _____

BLADE MOD. 1A170FFA7563 SER. NO. P80715 SER. NO. _____ SER. NO. _____

SEAT CAP. _____ EMPTY WT. _____ GROSS WT. 2400 BAG. WT. _____

FUEL CAP. _____ LEFT TANK _____ RIGHT TANK _____ TOTAL USABLE _____ GALLONS OIL CAP. _____

GRUMMAN AMERICAN AVIATION CORPORATION

THE VOR NAVIGATION SYSTEM OF THIS AIRCRAFT WAS CHECKED FOR ACCURACY AS SPECIFIED UNDER FAR PART 91.25.

DATE 4-27-79 PLACE Savannah

BEARING ERROR ± ① -1 ② -1 °

PILOT W Wolfe

I certify that the altimeter and static system tests required by FAR Part 91.170 have been performed.
The altimeter was tested to -1,000 +20,000 feet on 2-12-79
Signature William N. Johnson II
Date (S. S. Test) 4-30-79
Prod. Cert. # 650 DMIR A50 293-6

GULFSTREAM AMERICAN CORP.

NEW PROP
LOG BOOK #2
STARTS
2021

The Sta

PR OG

ASA-SP-L

☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

N4532B American Tiger S/N: AA5B-1169 Tach: 2621.51 **March 5, 2021**
Sensenich Prop Model: 76EM8S10-0-63 S/N: 102125K Prop TT: 573.41 TSNEW: 573.41
I certify this propeller has been inspected IAW a 100 Hour Inspection and is determined to be in airworthy condition. Prop is airworthy with respect to work performed.

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

Douglas E. Trull, A&P 4110732
Douglas E. Trull

Year: _____ Date:	Total Time in Service	Description
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station # _____

Year: _____ Date:	Total Time in Service	Description
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station # _____

Year: _____ Date: Next Ins Due:

Year: _____ Date: Next Ins Due:

Year: _____ Date: Next Ins Due:

Propeller Record General Information

Propeller Manufacturer SENSENICH

Model 76EM8S1Ø-Ø-63

Type FIXED PITCH/METAL

Hub Series #

Blade #

Date of Manufacture

S/N 1Ø2125K

Aircraft Installed On:

Make/Model GRUMMAN "TIGER" AA-5B

N4532B

Serial # 1169

INSTALLED AT AIRCRAFT TACH: 2048.1 JAN. 12, 2011

S/N 102125K
LOGBOOK
#ONE

PROPELLER LOG BOOK

SENSENICH PROPELLER MFG. CO.
Lititz, Pennsylvania 17543

Internet: http://www.sensenich.com.

THIS LOG BOOK IS TO BE KEPT
WITH THE PROPELLER
FOR RECORDING OF ALL PROPELLER MAINTENANCE WORK PERFORMED

LBGEN 6/99

DESCRIPTION OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS, SERVICE LETTERS, & MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
1-16-19	2414.77		
	Removed & prop. inspected and was	Spinner & inspected. Inspected bulkheads I certify that this propeller has been in accordance with an annual inspection determined to be in airworthy condition. Daniel Stoffl A+P 3647522 IA	

N4532B S/N: AA5B-1169 Tach: 2523.83 Hobbs: 1929.7 February 4, 2020
Sensenich Prop Model: 76EM8S10-0-63 S/N: 102125K Prop TT: 475.73 TSNEW: 475.73
I certify this propeller has been inspected IAW a 100 Hour Inspection and is determined to be in airworthy condition. Prop is airworthy with respect to work performed.

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

Douglas E. Trull, A&P 4110732
Douglas E. Trull

N4532B S/N: AA5B-1169 Tach: 2523.83 Hobbs: 1929.7 February 4, 2020
Sensenich Prop Model: 76EM8S10-0-63 S/N: 102125K Prop TT: 475.73 TSNEW: 475.73

I certify this propeller has been inspected with an Annual Inspection and has been determined to be in an airworthy condition IAW American AA-5B Maintenance Manual and Sensenich Propeller Maintenance Manual. This prop has been determined to be in an airworthy condition with respect to the work performed.

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

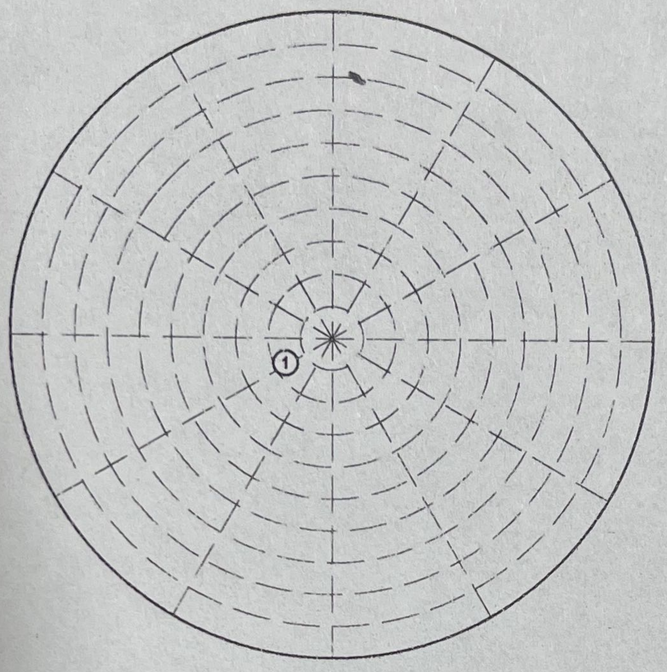
Edward C. Vigne, A&P/IA 2876861

DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS

DA

PROP/ENG DYNAMICALLY BALANCED

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



N4532B AA5B 1169 0.0 Hrs

RT
MicroVib II SN:1706 Cal: / /
Initial: 0.165 IN/S @ 1584.9 RPM
Final: 0.165 IN/S @ 1584.9 RPM

Operator Comments:

Oper: AP3085335LA
Date:08/03/2017 KEN GILLILAND

SIGNATURE

DESCRIPTION OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS, SERVICE LETTERS, & MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
11-3-16	2255.4		
		Removed spinner, inspected bulkheads and prop. Dressed blades. I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition Donald Stauffer	AP3647522FA
12-13-17	2289.81		
		Removed Spinner, inspected prop + bulkheads. I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Donald Stauffer	AP3647522FA

DESCRIPTION OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS, SERVICE LETTERS, & MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
8-1-14	2174.46		
	Removed	spinner, inspected bulkheads + Prop.	
	Dressed	blades. I certify that this propeller	
	has been	inspected in accordance with an	
	annual	inspection and was determined to	
	be in	airworthy condition.	
		Donald [illegible] A&P 3647522 IA	
9-4-15	2213.7		
Removed spinner,		inspected bulkheads + prop. dressed blades.	
I certify that		this propeller has been inspected in	
accordance	with	an annual inspection and was	
determined to	be in	airworthy condition.	
		Donald [illegible] A&P 3647522 IA	

DESCRIPTION OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS, SERVICE LETTERS, & MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
6-14-12	2105.22	P.t.t. 57.12	
	Inspected	Prop, Spinner and bulkheads.	A.D.'s checked to
	date. I	certify that this propeller has been	
	inspected	in accordance with an	annual inspection
	and was	determined to be in	airworthy condition.
		Don Stuffle A&P 4239461 IA	

N4532B 1929.6 Hobbs 2137.04 Tach 88.94 Prop TT

Inspected prop, spinner, and bulkhead. No defects noted at this time. AD's checked good to date. Ground ran and ops checked good. I certify that this propeller has been inspected IAW an Annual inspection and was determined in be in an airworthy condition.

Gary D Burnett AP 3377506 IA 7-1-2013

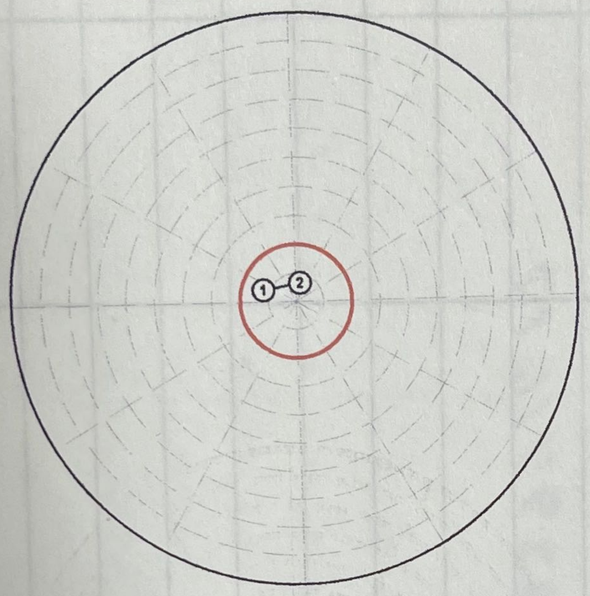
Bessemer, AL (KEKY)

DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE

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 @ 1948.5 RPM
Final: 0.072 IN/S @ 969.9 RPM

Operator Comments:

AP3085335 IA

Oper: KEN

Date: 10/07/2011

DESCRIPTION OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS, SERVICE LETTERS, & MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
1-12-11	2048.1		
		Installed this new "0" time propeller on this date. Torqued and safety wired.	
		Donald Stoffa A&P 423941617	
5-1-11	Tach 2054.02	Prop. t.t. 5.92	
		I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.	
		Donald Stoffa A&P 423941617 IA	

PROPELLER MAINTENANCE RECORD

PROPELLER MODEL 76EM8S10-0-63

PROPELLER SERIAL NUMBER 102125K

TABLE OF PROPELLER ATTACHING BOLT WRENCH TORQUE

Sensenich Metal Propellers (the proper torque is also shown on Blade Information Decal)

PROPELLER SERIES**	BOLT DIA. (inches)	RECOMMENDED WRENCH TORQUE		
		In.-lb.	ft.-lb.	n.-m.
69CK, M69CK (6 bolts) 72CK (6 bolts) 74CK, M74CK (6 bolts) 76AK, M76AK (6 bolts) 76AM6, M76AM (6 bolts) 74DM6, M74DM (6 bolts) 74DR, M74DR (8 bolts)	3/8 (0.375)	280-300	23-25	32-34
74DM7 (6 bolts)	7/16 (0.4375)	480-540	40-45	54-61
72CC, 72FM8 (6 bolts) 74DC, M74DC (6 bolts) 76EM8, M76EMM (6 bolts) * 80BM8, M80BMM (bolts)	1/2 (0.500)	720-780	60-65	81-88

* Not in production

** These are the basic propeller models. Spacer addition does not affect recommended wrench torque.

BNB AIRCRAFT SERVICES

Bessemer, AL (KEKY)

(205)335-8471

AD Compliance Record

N4532B

Grumman

Tiger

S/N AA5B-1169

AvLab AVIATION LABORATORIES
Products. Support. Reliability.

910 MARIA STREET
KENNER, LOUISIANA 70062
(504) 469-6751

LARRY HARRIS
Attn: LARRY HARRIS
821 MAPLEWOOD TRL

ALABASTER AL 35007
United States

Aircraft: AA5B
S/N: AA5B1169
Tail No.: N4532B

Date: 1/14/2022
Engine S/N: L2623136A
Engine Model: LYC. 360

Values in (parenthesis) below your results are average values from all our analysis data for the same engine model with similar engine hours and oil hours. See www.avlab.com/explain for detailed explanation of the statistical analysis used with your laboratory results.

CURRENT SAMPLE

Sample Date: 12/16/2021
Analysis Date: 1/13/2022
Sample Number: P33
Cylinder Type: steel

TSN/TSO: 630.91
Oil Hours: 57.7
Filter Hours: 57.7
Oil Added: 2
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

SAMPLE APPEARS NORMAL. Send next sample at normal interval.

Normal | Elevated | High

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
34.8 (25.6)	3.0 (7.3)	2.7 (1.7)	5.7 (3.7)	N/A	N/A	6.6 (5.1)	3691 (4315)	1.7 (3.7)	N/A	0.2 (0.1)	N/A

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.

PREVIOUS SAMPLE 1

Sample Date: 4/14/2021
Analysis Date: 4/15/2021
Sample Number: P04
Cylinder Type: steel

TSN/TSO: 573.4
Oil Hours: 35
Filter Hours: 35
Oil Added: 2.5
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

SAMPLE APPEARS NORMAL. Send next sample at normal interval.

Normal | Elevated | High

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
43.1 (24.2)	4.1 (7.4)	2.3 (1.4)	6.1 (3.7)	N/A	N/A	6.3 (5.4)	4090 (3239)	2.3 (4.2)	N/A	< 0.1 (0.1)	N/A

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.

PREVIOUS SAMPLE 2

Sample Date: 10/26/2020
Analysis Date: 11/12/2020
Sample Number: P136
Cylinder Type: steel

TSN/TSO: 538
Oil Hours: 50
Filter Hours: 50
Oil Added: 2.5
Filter Wt. (mgs): 194
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

** SEE LAB COMMENTS **

Normal | Elevated | High

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
72.3 (22.1)	3.2 (7.6)	2.6 (1.7)	8.2 (3.9)	N/A	N/A	10.1 (4.5)	4551 (3961)	2.3 (3.7)	N/A	< 0.1 (0.1)	N/A

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:		Trace 0-10%						Trace 0-10%	Major 40-100%	
Type:										
Form:		Fines						Fines		

Comments: IRON SEEMS HIGH. IRON CAN TYPICALLY BE FROM CORROSION FROM AIRCRAFT INACTIVITY, WEAR FROM CYLINDERS, ROTATING SHAFTS OR THE VALVE TRAIN. ALL OTHER OIL VALUES SEEM FINE. ALL DEBRIS REMOVED FROM THE FILTER SEEMS TO BE NORMAL ENGINE WEAR. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE. PLEASE CONTACT THE ENGINE MANUFACTURER'S SERVICE REP IF FURTHER ASSISTANCE IS NEEDED.