

AIRCRAFT LOG

2002-2014



AIRCRAFT DESCRIPTION

Registration No. N220TG

Model: PA-34-220T Popular Name: SENECA V

Serial No.: 3449265 Type Certificate No.: A7SD

Colors: WHITE / SOVEREIGN BLUE MET. & NEW PIPER GOLD MET.

Engine Manufacturer: CONTINENTAL Serial Numbers: Single _____

Original Engine Model: TSIO-360-RB1B Left 322422

LTIO-360-RB1B Right 322177

Propeller Manufacturer: MCCAULEY Hub or Serial Number: Single _____

Original Propeller Model: 3AF32C522 Left 011848

3AF32C523 Right 020480

Blade Numbers

Left

VL26102

VL26106

VL26340

Right

VL31010

VL31016

VL31017

2002 MODEL

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
NOV 10 2002	Brought Forward →	6.6	I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.	
			Dated NOV 10 2002	
			<u>John S. Hambleton</u> ODARF-511281-CE	
			JOHN S. HAMBLETON	
			THE ALTIMETER AND STATIC SYSTEM	
			TEST REQUIRED BY FAR PART 91.411	
			HAVE BEEN PERFORMED. THE ALTIMETER(S)	
			HAVE BEEN TESTED TO <u>35,000</u> FT.	
			ONIL <u>1/17/02</u> IFU <u>NA</u>	
			SIGNED <u>John S. Hambleton</u> DATE <u>NOV 10 2002</u>	
			JOHN S. HAMBLETON	
			The ELT is installed per	
			FAR 91.207. Battery re-	
			placement date <u>9/2004</u>	
			<u>John S. Hambleton</u>	
Total To Carry Forward		6.6	ODARF-511281-CE	
			The New Piper Aircraft, Inc.	
			JOHN S. HAMBLETON	

Registration No. N220TG

and Remarks

Signature

Certificate No.

The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.
ATC Transponder:

1. Make GARMIN Model GTX-327 S/N 83711244

2. Make NA Model NA S/N NA

Details of this inspection are on file at this facility under

S/N 3449265 Date 10/15/02

Q.A. Inspector John S. Hambleton

THE NEW PIPER AIRCRAFT, INC.
VERO BEACH, FLORIDA

JOHN S. HAMBLETON

THE AUTOMATIC PRESSURE ALTITUDE
REPORTING EQUIPMENT TEST REQUIRED BY
FAR PART 91.217 HAVE BEEN PERFORMED THIS

DATE: 10/15/02 SIGNED: John S. Hambleton

JOHN S. HAMBLETON

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

Aircraft Log

Date: 11/29/2002

N: 220TG

Hobbs: 6.7

Aircraft S/N: 3449265

WO: 15939

Installed Avidyne FlightMax EX-5000 MFD, Garmin GNS-430, Goodrich WX-500 and Skywatch SKY 497, Insight Gemini 1200 engine monitor, left/right JPI fuel scan 450 fuel flow gauges.

Installation IAW mfr's installation instructions and applicable FAR's. Placard "GPS limited to VFR use only" was placed in clear view of the pilot. A/C weight, balance and equipment list amended to reflect this installation.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature: *R. Realey* ECWR470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Total To

Carry Forward



Registration No. N220TG

and Remarks

Signature

Certificate No.

Aircraft Log

Date: 12/13/2002

N:220TG

Hobbs: 6.7

Aircraft S/N: 3449265

WO: 15939

A satisfactory flight check was conducted on the Garmin International GNS-430 GPS Navigation System previously installed by FAA Form 337 dated 11-29-2002. The GPS System was found to meet the meet the system accuracy requirements of AC 20-138, paragraph 8c(2)(iv). FAA Approved Flight Manual Supplement dated 12/11/2002 was installed into the Aircraft's Approved Flight Manual. Removed Placard "GPS LIMITED TO VFR ONLY".

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature: RC Seawley ECWR470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1/18/2003	Brought Forward →	48.8	Removed and replaced	
ALTITUDE Preselect/METER	AND FLIGHT DIRECTOR. Systems			
FUNCTION	checked to specs.			
	Maintenance Release: The aircraft and/or component identified herein, was repaired and inspected in accordance with current FAA Regulations and was found airworthy for return to service. Permanent details are on file at this agency under this work order # <u>16226</u>			
	Date: <u>1/18/2003</u> Inspector: <u>R. Cleary</u>			
	SUN AVIATION AVIONICS REPAIR FACILITY FAA CRS ECWD470D			
Total To Carry Forward				

DATE: 01/10/03

SUN JET CENTER



MAKE / MODEL: Piper PA34-220T

AIRCRAFT REG: N220TG

AIRCRAFT TOTAL TIME: 48.8

AIRCRAFT S/N: 3449265

AIRFRAME LOG ENTRY

- ✓ Adjusted vacuum regulators to 5.0" HG for proper operation of the vacuum, AI, and gyro systems.
- ✓ Operational checks completed on the work described above and found to be satisfactory. All work accomplished I/A/W the Piper PA34-220T maintenance manual and is approved for return to service. End.

Maintenance Release: This aircraft, airframe, engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with the applicable aircraft, engine, propeller, and / or appliance maintenance manuals and instructions. Pertinent details are on file at this repair station under work order 16196.

Authorized Signature:  Ben T. Games, Chief Inspector for CRS# ECWR470D
Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

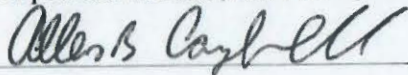
Model PA34-220T
S/N 3449265
Reg. # N220TG

Interstate Turbine Management
6070 Perimeter Rd.
North Charleston, SC 29406

Date 03/11/03
HOBBIS 97.1
WO# 20689

This aircraft and or component identified above was repaired and inspected in accordance with current federal air regulations and was found to be airworthy for return to service. Pertinent details are found on file under work order number.

Installed repaired L/H oil pressure indicator, P/N 7775-1, S/N 0241, ops check good.



CRS# 11BR578Y

AIRCRAFT LOG

Make: Piper

Model: PA34-220T

Serial No.: 3449265

Hours: HOBBS 127.2



Reg. No.: N220TG

Date: 04/14/03

W/O No.: 40683

Page: 1

Log Book Entry

Summary of work accomplished.

Installed serviceable left tachometer P/N 7710-1 S/N 0214.
Installed repaired flap indicator P/N 602-224 S/N G21431
Installed serviceable vacuum gauge P/N 602-245 S/N 0243
Ran aircraft performed systems check.

Approval for Return to Service

All work has been performed in accordance with the applicable manufacturer's maintenance instructions and functionally checked for proper operation. The item identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under this work order.

Authorized Signature:

Henry A. Roe Inspector

FAA Certified Repair Station WD4R618M

1635 NW 51st Place Fort Lauderdale, Florida 33309

Phone 954 491 3170 Fax 954 491 1612

N220 TG ACFT LOG

5-14-03 HOBBS 177.4 - 50 HR - CHECKED BATT., TINES, BRAKES
FLUID, LIGHTS + HYDRAULIC FLUID - CHANGED OIL + FILTER -
RUN UP EHC/12 (OK)

[Handwritten signature] ACP421179500
S. F. Campbell

American Avionics, Inc. 7023 Perimeter Rd. Seattle, Wa 98108

Date: 5/28/03

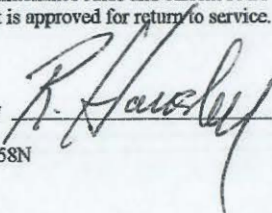
PIPER PA-34-220T N220TG SN 3449265

Removed the existing STEC model 6413-0-P-28L Steering Horizon. Removed the existing STEC model 01188-1 Remote Annunciator. Sent to STEC for conversion to model 01188-2. Installed Bendix/King KI256 Steering Horizon in accordance with the manufacturers installation drawing 1093, American Avionics drawing PA34/SN49265/1.DOC, AC43-13.1B Chapters C7, C11, C12 and AC43-13.2A Chapters C1, C2. This modification is deemed to be minor in nature. No change to the AP/FD operation or Flight Manual Supplement.

This aircraft was inspected in accordance with applicable maintenance rules and current FAA Regulations. With regard to the work performed, this aircraft is approved for return to service.

Details on file under WO# 13590.

Rulon Horsley
Inspector
CRS# GE6R558N



ate No.

CERTIFIED AIRWORTHY

As required by FAR 91.411 and/or 91.413.
Performed in accordance with FAR Part 43
appendices "E" and/or "F".

0 ALTIMETER TO 0 FT.
0 ALTITUDE REPORTING TEST
1 STATIC SYSTEM TEST
0 INTEGRATED SYSTEM TEST
0 ATC TRANSPONDER TEST

AMERICAN AVIONICS, INC.

7023 PERIMETER RD. S.

SEATTLE, WA 98108 N220TG

FAA GEOR557N

W/O 13050 DATE 5/28/03
SIGN *[Signature]*

Maintenance

Raytheon Aircraft

Cessna



Honeywell

Bombardier

Mooney

N220TG

Piper PA34-200T

S/N: 3449265

ACTT/Hobbs: 224.4/224.4

7-28-2003

McCauley

3AF32C522

S/N: 011848

PTT: 224.4

Complied with a 50-hour inspection in accordance with a Piper checklist. Note: AD's were not researched.

The above work performed on Galvin Flying Service Inc work order WPT9362 is approved for return to service.

Date 7-28-2003 Signature *[Signature]*

Galvin Flying Service, Inc.

6987 Perimeter Road

Seattle, WA. 98108

Repair Station HUNR846E

Raytheon Aircraft

Cessna



Honeywell

Bombardier

Mooney

N220TG

Piper PA34-200T

S/N: 3449265

Hobbs: 224.4

7-28-2003

1. Complied with a 50-inspection in accordance with Piper 50-hour checklist. *Note AD's were not researched.*
2. Lubricated alternate air control lever lock at the off position with LPS.2.
3. Complied with AD 2003-11-14, Amendment 39-13173, by installing Service kit AK91E93, as per Kelly Aerospace SIL bulletin no. A-110A, Dated March 6 2003, Paragraph 5.

The above work performed on Galvin Flying Service Inc. work order WPT9362 is approved for return to service.

Date 7-28-2003 Signature [Signature]

Galvin Flying Service, Inc.
6987 Perimeter Road
Seattle, WA. 98108
Repair Station HUNR846E

Raytheon Aircraft

Cessna



Honeywell

Bombardier

Mooney

N220TG

McCauley

Piper PA34-200T

3AF32C522

S/N: 3449265

S/N: 020480

ACTT/Hobbs: 224.4/224.4

PTT: 224.4

7-28-2003

1. Complied with a 50-hour inspection in accordance with a Piper checklist. *Note: AD's were not researched*
2. Re-sealed and re-applied conductive cement to the deicer wiring at the #1 blade butt.

The above work performed on Gavin Flying Service Inc work order WPT9362 is approved for return to service.

Date 7-28-2003 Signature [Signature]

Galvin Flying Service, Inc.
6987 Perimeter Road
Seattle, WA. 98108
Repair Station HUNR846E

Raytheon Aircraft**Cessna****Honeywell****Bombardier****Mooney**

N220TG Piper PA34-220T S/N: 3449265 Hobbs: 239.7 8-28-2003

Jacked aircraft for nose gear inspection. Serviced the nitrogen precharge on the nose gear oleo to 130 P.S.I. tightened nose wheel axle bolt. Removed nose gear access panel to allow for inspection of nose gear drag link over center measurement. Inspected nose gear over center measurement as 5/16", minimum allowed is 1/4". Ok for service. Installed new cotter pins and re-assembled drag link. Performed normal and emergency gear extension and retraction tests. Operational check OK. Installed access panel and down-jacked aircraft.

The above work performed on Galvin Flying Service, Inc. work order WPT 9972, is approved for return to service.

Date 8/28/2003 Signature [Signature]
Galvin Flying Service, Inc.
6987 Perimeter Road
Seattle, WA 98108
Repair Station HUNR846E

FLIGHTCRAFT
a PAPER GROUP company

FAA CRS FCPR831D
7777 NE Airport Way
Portland, OR 97218

DATE 9/30/2003 HM: 246.2 N220TC

Adjusted pitch control cable tension. Replaced DDMP display, removed s/n 02080306, installed new unit s/n 0406, functional check OK. Repositioned pilots door seal, glued loose seal at aft door. C/W Piper SB-1139 inspection of control wheel attachment, no defects noted. Pertinent details of the work described above are on file at this agency under W.O.#182580R Aircraft approved for return to service this date. END.

Flightcraft Portland RS# FCPR831D [Signature] Jay Smith

FLIGHTCRAFT

a PIPE GROUP company

FAA CRS FCPR831D
7777 N.E. Airport Way
Portland, OR 97218

DATE 10/17/2003 TAC/HM 288.7 N#220TG S/N 3449265

Performed 50 hour inspection referencing the Piper MM 5-20-00. Installed new ELT antenna p/n 763-063. Removed GNS-430 s/n 97110899 and Installed loaner Repaired GNS-430 s/n 96303360, configured and ops checked good.

Pertinent details of the work described above are on file at this agency under W.O.# 102934/182626. Aircraft approved for return to service this date with respect to the work performed. END. Flightcraft Portland RS# FCPR831D

Bruce Stephanson
Bruce Stephanson

FLIGHTCRAFT

a PIPE GROUP company

FAA CRS FCPR831D
7777 N.E. Airport Way
Portland, OR 97218

DATE 10/23/2003 TAC/HM 288.7 N#220TG S/N 3449265

Removed loaner GNS-430 s/n 96303360, Installed repaired GNS-430 s/n 97110899 configured and ops checked good.

Pertinent details of the work described above are on file at this agency under W.O.# 182626. Aircraft approved for return to service this date with respect to the work performed. END. Flightcraft Portland RS# FCPR831D

Bruce Stephanson
Bruce Stephanson

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Make: Piper Model: Seneca V (PA-34-220T) Serial No.: 3449265 Hours: 321.1			 BANYAN Maintenance Log Entry	
			Reg. No.: N220TG Date: 20 November 2003 W/O No.: 41134 Page: 1 of 2	

Summary of Work Scope

Inspections:

1. C/W **100 hour / annual** inspection on airframe, engines & props IAW FAR 43 Appendix D and PA-34-220T MM chpt 5-20-00.
2. C/W **RH engine** compression check. Results are as follows:
#1 66/80 #2 72/80 #3 65/80 #4 68/80 #5 67/80 #6 65/80.
3. C/W **LH engine** compression check. Results are as follows:
#1 65/80 #2 68/80 #3 70/80 #4 73/80 #5 68/80 #6 68/80.
4. C/W **LH & RH engine oil and filter change**. Cut open filters and inspected. No metal found in either filter. Installed new filters p/n CH48108 and serviced with 8 quarts Aeroshell 15W50 oil each side. Ops check ok at this time with no defects noted.
5. C/W **LH & RH engine oil samples**. Results indicate borderline iron levels in both engines, to be monitored at next normal interval.

Parts Installed:

1. Disassembled quadrant, installed new quadrant bracket p/n 96721-000 & re-assembled. Ops check ok at this time.
2. Installed new RH engine T pipe p/n 654264 & new EGT probe p/n 2870 s/n 1132457.
3. Installed overhauled LH & RH MLG actuator p/n SFA232-5. Performed gear retraction. Ops check ok at this time with no defects noted.
4. Installed 2 new nose wheel bearings p/n LM29749 and new races p/n LM29710.

Airworthiness Directives & Service Bulletins:

1. C/W SB1123: Nose gear inspection IAW Table 1 (100-hr insp). No defects noted at this time.
AD's researched thru bi-weekly 2003-23.

Registration No. _____

and Remarks

Signature

Certificate No.

Make: **Piper**

Model: **Seneca V (PA-34-220T)**

Serial No.: **3449265**

Hours: **321.1**



Reg. No.: **N220TG**

Date: **20 November 2003**

W/O No.: **41134**

Page: **2 of 2**

Avionics:

Altitude tests required by FAR 91.411 due 1/2004.

Transponder tests required by FAR 91.413 due 10/2004.

Accomplished the ELT tests required by FAR 91.207 (c)(d), next due November 20, 2004.

ELT battery due for replacement Sept 2004.

Repairs / Adjustments:

1. Set stabilator cable tensions.
2. Removed antenna & doubler on LH side. Routed out damaged area at upper fuselage aft section skin. Installed new antenna doubler and flush repair. Restored final paint finish. All work done IAW Piper PA 34 MM chpt 51-10-00.
3. Resealed LH propeller blade de-ice boot with AMS-5-7124 B-1/2 sealant.

Approval for Return to Service

All work has been performed in accordance with the applicable manufacturer's maintenance instructions and functionally checked for proper operation. The aircraft identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the repair are on file at this agency under this work order.

Authorized Signature:

Lewis Homsher, Chief Inspector

FAA Certified Repair Station WD4R618N

1635 NW 51st Place Fort Lauderdale, Florida 33309

Phone 954 491 3170 Fax 954 491 1612

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

Make/Model: PIPER PA-34-220T

Reg No.: N220TG

Serial No. 3449265

Date: 11/20/03

Time: 321.1



Log Book Entry

LUBRICATED CONTROL YOKE ASSEMBLY & ADJUSTED PITCH SERVO BRIDLE CABLE. AUTOPILOT OPERATION & FLIGHT CHECKED GOOD WITH NO DEFECTS NOTED AT THIS TIME.

The appliance on this operation has been repaired or tested and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the service are on file at this repair station #SD4R514M.

Work Order: 66233

Inspector:



Authorized Signature: _____

F.A.A. Certified Repair Station SD4R514M

Banyan Air Service 1635 NW 51st Place Ft. Lauderdale, FL 33309 Phone: 954.491.3170 Fax: 954.491.6958

Total To Carry Forward				
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Registration No. _____

and Remarks	Signature	Certificate No.
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MAKE: Piper
MODEL: PA34-220T
S/N: 3449265
REG. NO: N220TG
WORK ORDER: 1508-12-2003

The New Piper Aircraft, Inc.

2526 Piper Drive
Vero Beach, FL 32960

Repair Station No. ZPAR410X

DATE: 12/19/2003
TTA: 369.10
HOBBS: 369.10

Airframe Entries

Disassembled throttle quadrant and installed friction lock correctly.... Nose compartment repainted by Piper Paint Shop under Baan Work Order No. 607610, Project No. 59100.... Removed manifold pressure transducer S/N 275A-2 and installed new transducer P/N 599-592, S/N 372-23. Flush lines.... Complied with Service Bulletin 1130 - Inspected vertical fin contour and rivet integrity.... Removed flap potentiometer and installed new flap potentiometer P/N 100661-003 and adjusted per Piper service manual. Operational test normal....

The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacture's Process Spec. and Type Design Data and is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above.

DATE: 12/19/2003

SIGNED: 

WORK ORDER: 1508-12-2003

MAKE: Piper
MODEL: PA34-220T
S/N: 3449265
REG. NO: N220TG
WORK ORDER: 1562-03-2004

The New Piper Aircraft, Inc.

2926 Piper Drive
Vero Beach, FL 32960

Repair Station No. ZPAR410X

DATE: 3/22/2004
TTA: 413.90
HOBBS: 413.90

Airframe Entries

Removed and replaced copilot's right brake master cylinder with new P/n 455-968....

The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacture's Process Spec. and Type Design Data and with respect to the work performed is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above.

1

DATE: 3/22/2004

SIGNED: 

WORK ORDER: 1562-03-2004

Certified Repair Station No. ZPAR410X

Printed by EBis (<http://www.datcomedia.com>)

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

Aircraft Log

Date: 12/24/2003

Reg#: N220TG

Hobbs: 369.1

Aircraft S/N: 3449265

WO: 18105

Removed Avidyne EX-5000 s/n 1493 and installed EX-5000 s/n 1870. New unit adds Datalink capability. Removed AV-14 Datalink Antenna and installed CI248-30 ComDat antenna per Avidyne Service Letter dated 10 Nov 2003. Set-up EX-5000 and function checked to manuf specs.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature: ECW ECWD470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Carry Forward

Raytheon Aircraft

Cessna



Honeywell

Bombardier

Mooney

1020TG

Piper PA34-220T

S/N: 3449265

Hobbs: 343.9

12-8-2003

1. Repaired leaking nose strut. Removed nose gear oleo IAW PA34-220T Maintenance Manual Chapter 32-20-00. Removed three worn seals and replaced with new, P/N's 187-627, 485-086, and MS28775-227. Reinstalled oleo and serviced with fluid and nitrogen IAW PA34-220T Maintenance Manual chapter 12-10-00. Functional test OK.
2. Complied with 50-hour inspection per Piper 50-hour checklist, with the exception of Section 1 GENERAL items.

The above work performed on Galvin Flying Service, Inc. work order WPI 10705, is approved for return to service.

Date 12-8-2003 Signature

Galvin Flying Service, Inc.

6987 Perimeter Road

Seattle, WA. 98108

PH: 206-761-1111 FAX: 206-761-1112

Airframe Log

Date: 1-19-04

N#: 220TG

S/N: 3449265

Hobbs: 382.9



Midwest Corporate Aviation,

Inspected both L/H and R/H Main Landing Gear Wheel and Tire Assemblies. Disassembled and inspected each assembly. No defects noted. Re-assembled both L/H and R/H Main Landing Gear Wheel Assemblies with 2ea. new tires, P/N 070-317-0, H 871 3141W00304 and R/H S/N 3140W00144. I certify that the aircraft was repaired and inspected in accordance with the Regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All details of the maintenance are on file at this repair station under W/O 21/21681.
 for Midwest Corporate Aviation, CRS# BVYR657C.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought			

LOGBOOK ENTRY: *Seneca* *N220TG* *Hoobs 528.8*
 THE STATIC PRESSURE SYSTEM, TRANSPONDER WITH ALTITUDE REPORTING WAS IDENTIFIED
 TESTED AND INSPECTED I/A/W FAR43 APPENDIX E, PAR A & C, APPENDIX F (FAR91.413)
 AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS TEST IS ON FILE
 AT THIS REPAIR STATION UNDER W.O. *6449* DATE *NOV 15, 2004*

SIGNATURE *Mark B. Alcindor* INSP. *MBW*
TROPIC RADIO INC. 2695 N.W. 56th ST. HANGER 53-D
FT. LAUDERDALE FL. 33309 FAA APPROVED REPAIR STATION # RZ4R510M
FT. LAUDERDALE EXECUTIVE AIRPORT* ARCHER RAMP*
TELEPHONE # 954-776-4030

GTX 327 S/N 83711244
AR 850 S/N 16908

CERTIFICATION EXPIRES ON *NOV 30, 2006*

Total To Carry Forward				
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TROPIC RADIO INC.

2695 N. W. 56TH ST. HANGER 53-D

FT. LAUDERDALE, FL 33309

FAA APPROVED REPAIR STATION #RZ4R510M

FT. LAUDERDALE EXECUTIVE AIRPORT "ARCHER RAMP"

PHONE: 954-776-4030



SEVICE ARI E

Make and Model UNITED ALTIMETER
Part No: 5934PD-3 Serial No: 424414
Customer: EXECUTIVE A/C MAINTENANCE
Inspected By: (MBC) Date: 11/15/04
The component identified above was inspected and functional tested in accordance with current Federal Aviation Regulations and was found Airworthy for Return to Service. Altimeter Calibrated to 29,000 Ft. I.A.W. FAR PART 43, APP E, (b) (FAR 91.411) Pertinent details of this inspection are on file at this Agency under Work Order # 6449
Authorized Representative Mark B. Alcantara
Date NOV 15, 2004

ALTIMETER SCALE ERROR
TESTED AT TROPIC RADIO INC.
FAA APPROVED REPAIR STA. #RZ4R510M

DATE

NOV 15, 2004

PART NO.

5934PD-3

SERIAL NO.

424414

Test PT (ft)	ERROR	Test PT (ft)	ERROR	Test PT (ft)	ERROR
-1000	-5	10000	-5	40000	
00	0	12000	-15	45000	
500	0	14000	-10	50000	
1000	0	16000	-10	51000	
1500	-5	18000	-10	52000	
2000	0	20000	-10	53000	
3000	-5	22000		54000	
4000	0	25000		55000	
6000	+5	30000		60000	
8000	+5	35000		70000	

I.A.W. FAR 43 APP. E (b)

Registration No. _____

and Remarks	Signature	Certificate No.
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MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
276-11-2004



Executive Aircraft Maintenance, Corp.

1735 N.W. 51st. Place
Fort Lauderdale, FL 33309
Phone: 9543515000

DATE: 12/1/2004
A/C TSN: 528.5
HOBBS: 528.5

Airframe Entries

(1) Complied with 100 Hour/Annual Hour inspection in accordance with FAR 43 Appx D. and determined to be airworthy at this time. Checked for new and recurring AD thru Bi- weekly 2004-23... (11) Complied with inspections. 91.411 Altimeter certification due 11/2006. 91.413 Transponder certification due 11/2006.... (13) Complied with FAR 91.207 par. C & D in accordance with FAA action notice 8150.3. No discrepancies noted. Operational check good. ELT battery expiration date is October 2006... (19) Installed new lens cover to prop sync. OPS check good.... (20) Removed oxygen bottle from aircraft and shipped to Pacific Scientific, FAA CRS # P94R580N, for hydrostatic testing. Reinstalled bottle after hydrostatic test. See Pacific Scientific work order # 404 for details. Current hydrostatic test date 11/2004. Next hydrostatic test due 11/2007. Serviced bottle to 1850 P.S.I.... (25) Replaced both left and right vacuum regulator filters with new filters P/N B3-5-1.... (26) Cleaned threads on all tail cone attaching nut plates and replaced hardware.... (27) Lubricated down lock on left main gear, OPS check good... (28) Installed new linings on right & left brakes P/N 066-6200 and new pins on left side... (29) Removed left wheel and disc installed new disc P/N 40-120C reinstalled wheel... (30) Installed new actuator on nose P/N 558-010 serviced system and performed 5 gear retractions OPS CK good at this time.... (31) Replaced nose gear bearings and races with new. Race P/N LM29710, Bearing P/N LM29749. Greased bearings and installed wheel on aircraft.... (32) Inspected hydraulic line to left main gear actuator for any evidence of cracks. No cracks found. Tightened B-nut. No leaks found.... (36) Disconnected AP pitch servo bridle cables, adjust elevator cable tension to 40 lbs.. Reattached bridle cables and adjust bridle cable tension to max.... (37) Complied with Piper S/B-1146, Edge distance on vertical fin reinforcing angle. No discrepancies noted.

All work has been performed in accordance with applicable manufacturer's maintenance instructions, FAA regulations, and has been functionally checked for proper operation. I certify this aircraft/engine was inspected in accordance with a annual inspection and was determined to be in airworthy condition.

DATE: 12/1/2004

SIGNED: _____

Ronald A. Anders, IA: 562633335

Work Order: 276-11-2004

Printed by EBIS 3 (datacommedia.com)

MAKE: Piper
MODEL: PA34-220T
S/N: 3449265
REG. NO: N220TG
WORK ORDER: 1500-12-2003

The New Piper Aircraft, Inc.

2926 Piper Drive
Vero Beach, FL 32960

Repair Station No. ZPAR410X

DATE: 12/15/2003
TTA: 363.0
HOBBS: 363.0

Airframe Entries

Checked and adjusted stabilator control cables & autopilot pitch bridle cable.... Removed Altitude preselect S/n 1163 A/B and installed repaired Altitude Preselect P/N 01279-PX, S/N 1679 A/B. Removed AutoPilot Computer P/N 01192-0-51T, S/N 5143. Installed Repaired AutoPilot Computer P/N 01192-0-51T, S/N 4102AG/AE....

The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacture's Process Spec. and Type Design Data and is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above.

DATE: 12/15/2003

SIGNED: 

WORK ORDER: 1500-12-2003

Certified Repair Station No. ZPAR410X

Printed by EBis (<http://www.datcomedia.com>)

MAKE: Piper
MODEL: PA34-220T
S/N: 3449265
REG. NO: N220TG
WORK ORDER: 1558-03-2004

The New Piper Aircraft, Inc.

2926 Piper Drive
Vero Beach, FL 32960

Repair Station No. ZPAR410X

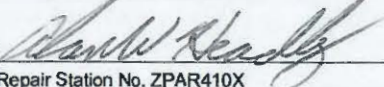
DATE: 3/17/2004
TTA: 408.7
HOBBS: 408.7

Airframe Entries

Performed 50 hour inspection per manufactures maintenance manual P/N 761-888. Removed torn inlet air hose P/N 566-315, and replaced with new hose P/N 566-315.... Removed throttle quadrant cover. Adjusted friction lock and reinstalled quadrant cover....

The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacture's Process Spec. and Type Design Data and with respect to the work performed is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above.

DATE: 3/17/2004

SIGNED: 

WORK ORDER: 1558-03-2004

Certified Repair Station No. ZPAR410X

Printed by EBis (<http://www.datcomedia.com>)

Registration No. _____

Raytheon Aircraft

Cessna



Honeywell

Bombardier

Mooney

N220TG

Piper PA34-220T

S/N: 3449265

Hobbs: 471.8

06-18-2004

1. Completed a 50 Hour inspection and service per Piper inspection guide.
2. Remove AVIDYNE for outside repair. Duncan Avionics complied with this on their W/O# N5AJA.
3. Complied with Piper MSB 1139A by inspection of control wheel attachment on pilots and co-pilots control wheels. All checked satisfactory.
4. Complied with Chapter 4 requirement to replace nose gear bolt, washers and nut at each 500 hours. Removed nut and bolt. Installed new bolt P/N AN7-35, one washer P/N AN960-716L, one washer ASN960-716 and one cotter pin 424-085. Removal and installation done per Piper Maintenance. Cycled landing gear numerous times for ops check. Ops check good.
5. Comply with 500 hour replacement of filters and pumps:
 - a. Removed R/H vacuum pump: P/N AA442CW-6, S/N 15904. Installed new R/H vacuum pump: P/N AA442CW-6, S/N 21806 using new gasket.
 - b. Removed L/H pump P/N AA441CC-7 S/N 10973. Installed new L/H pump: P/N AA441CC-7, S/N 22638 using new gasket.
 - c. Removed and replaced central air filter. Removed: P/N-D9-18-1, installed new filter: P/N D9-18-1.
6. Complied with AD 2001-17-13 inspection of JanAero devices by the alternative visual inspection of valve body diaphragm and threaded mounting holes. No leaks or defects found.
7. Performed AD 84-26-02 (39-4966) 500 hour replacement of paper induction air filters by installing new filters P/N 460-632 on left and right engines.

The above work performed on Galvin Flying Service, Inc. work order WPI 11997, is approved for return to service.

Date 6-18-2004 Signature [Signature]

Galvin Flying Service, Inc.
6987 Perimeter Road
Seattle, WA. 98108
Repair Station HUNR846E

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

**DUNCAN
AVIATION.**

N 220TG

Aircraft Seneca V

Date 6/23/04

Customer Galvin flying Svc.

S/N 3449265

Removed EX500 multifunction display P/N 700-00004-006, S/N 1870 for repair. Reinstalled unit following repair and tested. Multifunction display is now fully functional.

The maintenance performed on this aircraft is certified airworthy in accordance with current FAR's and a detailed record of the work performed is on file at this repair station under Work Order # N5AJA

INSP By

Larry Gray

Duncan Avionics Seattle, Wa CRS# JG7R076J

Total To Carry Forward				

Registration No. _____

and Remarks

Signature

Certificate No.

Raytheon Aircraft

Cessna



Honeywell

Bombardier

Mooney

N220TG

PA34-220T

Piper Aircraft Corp.

S/N 3449265

AFTT: 500.2

9/22/2004

- 1 > Complied with inspection of magnetos due to SPECIAL AIRWORTHINESS INFORMATION BULLETIN NE-04-73. This SPECIAL AIRWORTHINESS INFORMATION BULLETIN NE-04-73 does NOT apply due to part number installed. No further action required.

The above work performed on Galvin Flying Service, Inc. work order **WP12784**, is approved for return to service.

Date 9-22-04 Signature [Signature]

Galvin Flying Service, Inc.

6987 Perimeter Road, Seattle, WA. 98108

Repair Station HUNR846E

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

Raytheon Aircraft	Cessna	 World Class People, First Class Service FAA Repair Station HUNR846E	Honeywell	Bombardier	Mooney
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N220TG

PA34-220T

Piper Aircraft Corp.

S/N 3449265

Hobbs: 501.6

9/23/2004

- 1 > Performed Piper AD2004-14-12, Replacement of control wheel attaching hardware. Part #1 has been previously complied with. Performed Part #2, complied with by installation of retaining clip with new hardware. No further action required. Functional test satisfactory, ok for return to service.
- 2 > Replaced missing dzus fastener on right side of right cowl.
- 3 > Removed and replace ELT battery with new P/N 452-0130 new battery due date OCT. 2006. Functional test satisfactory, ok for return to service.

The above work performed on Galvin Flying Service, Inc. work order **WPT12410**, is approved for return to service.

Date 9-23-04 Signature 

Galvin Flying Service, Inc.

6987 Perimeter Road, Seattle, WA. 98108

Repair Station HUNR846E

Total To Carry Forward				

Registration No. _____

and Remarks

Signature

Certificate No.

MAKE: Piper
 MODEL: PA-34-220T
 S/N: 3449265
 REG. NO: 220TG
 WORK ORDER:
 276-11-2004

**Executive Aircraft Maintenance, Corp.**

1735 N.W. 51st. Place
 Fort Lauderdale, FL 33309
 Phone: 9543515000

DATE: 12/1/2004
 A/C TSN: 528.5
 HOBBS: 528.5

Airframe Entries

(1) Complied with 100 Hour/Annual Hour inspection in accordance with FAR 43 Appx D. and determined to be airworthy at this time. Checked for new and recurring AD thru Bi-weekly 2004-23... (11) Complied with inspections. 91.411 Altimeter certification due 11/2006. 91.413 Transponder certification due 11/2006.... (13) Complied with FAR 91.207 par. C & D in accordance with FAA action notice 8150.3. No discrepancies noted. Operational check good. ELT battery expiration date is October 2006... (19) Installed new lens cover to prop sync. OPS check good.... (20) Removed oxygen bottle from aircraft and shipped to Pacific Scientific, FAA CRS # P94R580N, for hydrostatic testing. Reinstalled bottle after hydrostatic test. See Pacific Scientific work order # 404 for details. Current hydrostatic test date 11/2004. Next hydrostatic test due 11/2007. Serviced bottle to 1850 P.S.I.... (25) Replaced both left and right vacuum regulator filters with new filters P/N B3-5-1.... (26) Cleaned threads on all tail cone attaching nut plates and replaced hardware.... (27) Lubricated down lock on left main gear, OPS check good... (28) Installed new linings on right & left brakes P/N 066-6200 and new pins on left side.... (29) Removed left wheel and disc installed new disc P/N 40-120C reinstalled wheel... (30) Installed new actuator on nose P/N 558-010 serviced system and performed 5 gear retractions OPS CK good at this time.... (31) Replaced nose gear bearings and races with new. Race P/N LM29710, Bearing P/N LM29749. Greased bearings and installed wheel on aircraft.... (32) Inspected hydraulic line to left main gear actuator for any evidence of cracks. No cracks found. Tightened B-nut. No leaks found.... (36) Disconnected AP pitch servo bridle cables, adjust elevator cable tension to 40 lbs.. Reattached bridle cables and adjust bridle cable tension to max.... (37) Complied with Piper S/B-1146, Edge distance on vertical fin reinforcing angle. No discrepancies noted.

All work has been performed in accordance with applicable manufacturer's maintenance instructions, FAA regulations, and has been functionally checked for proper operation. I certify this aircraft/engine was inspected in accordance with a 100 Hour inspection and was determined to be in airworthy condition.

DATE: 12/1/2004

SIGNED: 

Work Order: 276-11-2004

Ronald A. Anders, IA: 562633335

Printed by EBIS 3 (datcomedia.com)

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
499-03-2005



Executive Aircraft Maintenance, Corp.

1735 N.W. 51st. Place
Fort Lauderdale, FL 33309
Phone: 9543515000

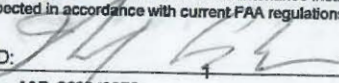
DATE: 4/6/2005
A/C TSN: 571.6
HOBBS: 571.6

Airframe Entries

(3) Swapped connection to opposite side. Problem appeared to stay on the left side. Ordered both fuel probes from Piper. Removed inboard fuel probe P/N550-503 S/N-2020 and installed new probe P/N-550-503 S/N-2371 and removed outboard probe P/N-550-504 S/N-2060 and installed new P/N-550-504 S/N-2431. Calibrated DDMP with new fuel probes in reference to Piper M.M. 28-40-00. OPS check good.

All work has been performed in accordance with the applicable manufacturer's maintenance instructions and functionally checked for proper operation. The item identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service.

DATE: 4/6/2005

SIGNED: 

Henry Roe, A&P: 262042276

Work Order: 499-03-2005

Printed by EBis 3 (datcomedia.com)

Total To Carry Forward				

VBA
Vero Beach Avionics, Inc.
Aircraft Log

Date:5/4/2005

Hobbs:573.5

WO#:4688

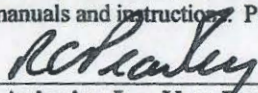
Reg#:N220TG

Aircraft S/N:3449265

Installed XMD076 XM WX Receiver and AMRANT-01 Antenna. Interfaced to existing EX5000 MFD. Updated EX5000 Main Software to Pt # 530-00162-000 Rev 3 in accordance with SB # 601-00004-030. System ground function checked to manufacturer specifications.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature:



FAA CRS VQVR013Y

Vero Beach Avionics, Inc. Vero Beach, FL. 32960 (772) 299-0770

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
834-11-2005



Executive Aircraft Maintenance, Corp.

1735 N.W. 51st Place
Fort Lauderdale, FL 33309
Phone: 9543515000

DATE: 12/7/2005
A/C TSN: 650.4
HOBBS: 650.4

Airframe Entries

(1) Complied with 100 Hour/Annual inspection in accordance with FAR 43 Appx D. Reviewed ADs thru Bi-weekly 2005-24... (11) ELT battery due 10/30/2006. Complied with 91.207 para C and D. Operational check good. No defects noted.... (16) Installed new tires to left and right mains P/N 6.00-6 8 ply and serviced in reference to Piper service manuals.... (17) Checked stabilator cable tensions and found within limits. Checked auto pilot bridle cable tensions and found tension low. Tightened as required... (20) Removed both oil caps from left and right engines. Adjusted, cleaned and lubed. Installed caps. Operational check ok.... (23) Complied with AD 84-26-02 Induction air filters, No defects found... (24) AD 2004-21-05 combustion air pressure switch has already been complied with. Air pressure switch P/N 94E42 is already installed... (25) Complied with AD 2004-25-16R1 Kelly systems fuel regulator shut off valve, no defects found.... (26) Complied with AD 2005-13-16 landing gear inspection, no defects found. Drag link bolt AN7-35 was changed at 471.1. Next due at 971.1... (27) Removed and replaced race and bearing on left main, P/N race 13836. Bearing P/N 13889.... (29) Installed new fire extinguisher to cabin P/N Right-A600... (30) Installed new bearings P/N LM29710 and new races P/N LM29749 to nose wheel. (Reference item 16 for parts)... (31) Removed old fuel bowl sump line from right wing and replaced it with a new, longer line, P/N 63901-9, tested line to 2000 PSI, no leak's.

All work has been performed in accordance with applicable manufacturer's maintenance instructions, FAA regulations, and has been functionally checked for proper operation. I certify this aircraft/engine was inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

DATE: 12/7/2005

SIGNED: 

Ronald A. Anders, IA: 562633335

Work Order: 834-11-2005

Printed by EBIS 3 (datcomedia.com)

Total To
Carry Forward



SUN AVIATION, INC., Avionic's, Vero Beach, FL (VRB)

Date: 1/10/06

Airframe Log

N220TG

Hobbs: 661.9

Piper PA34-220T

S/N: 3449265

ACTT: 661.9

Seneca V

Inspected Rudder Pedal Assembly, removed Flooring and Panels to access Steering Cylinders and Rigging, removed and lubed Rods and Ball Assy, Lubed Nose Gear Assy, reassembled, performed ops check and no Binding noted.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO 21101.

Signature 

CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

SUN AVIATION, INC., Avionic's, Vero Beach, FL (VRB)

Date: 2/17/06

Airframe Log

N220TG

Hobbs: 661.9

Piper PA34-220T

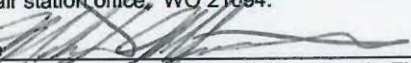
S/N: 3449265

ACTT: 661.9

Seneca V

TROUBLESHOT AP SYSTEM, ADJUSTED PITCH BRIDLE CABLE TO SPECIFICATIONS AND FUNCTION TESTED AUTO PILOT.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO 21094.

Signature 

CRS # ECWD470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

MAKE: Piper
MODEL: PA34-220T
S/N: 3449265
REG. NO: N220TG
WORK ORDER: 1935-02-2006

The New Piper Aircraft, Inc.

2926 Piper Drive
Vero Beach, FL 32960

Repair Station No. ZPAR410X

DATE: 2/21/2006
TTA: 673.50
HOBBS: 673.50

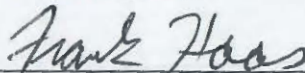
Airframe Entries

Removed autopilot computer s/n 4102 and installed new S-Tec supplied computer p/n 652-123 s/n 5336 per New Piper M/M 39-10-00 page 1. Performed ground operational checkout per New Piper M/M 22-10-00 pages 6-7. Ground operation acceptable. Flight test acceptable.... Found stabilator expansion spring p/n 37523-000 routed around right rudder cable and rudder cable tensions low. Routed spring correctly and adjusted rudder cable tensions per new Piper M/M 27-20-00 pages 6-8.... Inspected stabilator trim system for correct routing, damage and cable tensions per New Piper M/M 27-20-00 pages 8-13, none found. Cleaned and lubed pulleys, hinges and both cable drums. Operation acceptable.... Installed missing half of electric trim switch on pilot's control yoke. Operational check acceptable.... Found right, left and nose wheel bearings improperly lubricated and too tight. Removed all wheel bearings, lubricated and installed as per New Piper M/M 32-40-00 pages 1-4. Ground operation acceptable....

The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacture's Process Spec. and Type Design Data and with respect to the work performed is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above.

DATE: 2/21/2006

SIGNED:



WORK ORDER: 1935-02-2006

Certified Repair Station No. ZPAR410X

Printed by EBis (<http://www.datcomedia.com>)

Total To Carry Forward				

Registration No. _____

MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
1107-05-2006



Executive Aircraft Maintenance, Corp.

1735 N.W. 51st. Place
Fort Lauderdale, FL 33309
Phone: 9543515000

DATE: 5/10/2006
A/C TSN: 689.2
HOBBS: 689.2

Airframe Entries

(3) Complied with Piper MSB 1161 on left and right main gear rib assemblies, no defects found. All work done IAW S/B 1161 instructions.... (4) Oil samples taken and sent to lab. (5-10)... (5) Complied with S/B 1157A IAW accomplishment instruction 1-12 by installing new tachometer sensor 598-881 on left and right engines. Ops check good.... (8) Complied with 50 hour inspection IAW Maintenance Manual.

All work has been performed in accordance with the applicable manufacturer's maintenance instructions and functionally checked for proper operation. The item identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service.

DATE: 5/10/2006

SIGNED:

Work Order: 1107-05-2006

Bombardier

Cessna

Honeywell

Raytheon

Aircraft



FAA Repair Station
HUNR846E

N220TG

Piper

PA34-200T

S/N: 3449265

Hobbs: 715.4

06/16/06

1 - Installed Lo-Presti hub caps P/N LSM200-700-11, Rev C in accordance with supplemental type certificate # SA01224AT. FAA form 337 submitted.

I certify that the items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations with respect to the work performed. Pertinent details of this work are on file at Galvin Flying Services, Inc. under **Work Order No. 16458**

Signed

Date 6/16/06

Galvin Flying Services, Inc.
6987 Perimeter Road, Seattle, WA 98108.
Repair Station HUNR846E

Bombardier

Cessna

Honeywell



Mooney

Raytheon

Aircraft

FAA Repair Station
HUNR846E

N220TG

A/C S/N: 34-49265

AC TT:

HOBBS: 738.7

Date: 4 October 2006

AIRFRAME

- 1.1 Performed 50-Hour Inspection: Serviced tires (40 nose, 55 mains), Serviced struts with nitrogen as needed. Completed per GFS 50-hr checklist.
- 1.2 Serviced oxygen system 2000 psi.
- 1.3 Removed vertical fin strobe light and installed a new strobe light (P/N 36-0050626-00) with ref to Piper PA34-220T MM 33-40. Installed a fabricated with ref to AC 43.13-1B wire extension to facilitate with strobe installation. Functional check vertical strobe light - no defects noted at this time.

I certify that the items identified above were repaired and or inspected in accordance with current Federal Aviation Regulations. Pertinent details of this work are on file at the Repair Station under **Work Order No. 17043 and 17068.**

Signed

Date

Galvin R. [Signature]
Galvin Flying Services, Inc.
6857 Perimeter Road, Seattle, WA 98108.
Repair Station HUNR846E

4 OCTOBER 2006

Total To Carry Forward				

Registration No. _____

Aircraft Log

Date: 12/13/2006

HOBBS: 763.9

WO: 22421

Reg#: N 220TG

Aircraft S/N 3449265

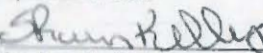
Work Accomplished: The following Altimeter(s) , Altitude Encoder(s) and Static Pressure System(s) have been tested in accordance with FAR 91.411 and conforms to FAR Part 43 Appendix E and F

#1 ALT. Model: 5934PD-3 S/N: 424414 To: 20,000 FT
 #2 ALT. Model: N/A S/N: N/A To: N/A FT
 #3 ALT. Model: N/A S/N: N/A To: N/A FT
 Encoder Model: AK 850 S/N: 16908 To: 20,000 FT

The following transponder(s) have been tested in accordance with FAR 91.413 and conforms to the specifications set forth in FAR Part 43 Appendix F.

#1 Model: GTX 327 S/N: 83711244
 #2 Model: N/A S/N: N/A

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature: 

ECWD470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Signature

Certificate No.

SUN AVIATION, INC
AVIONICS REPAIR FACILITY
FAA CRS ECWD470D

DATE: 12-13-04

MAKE: UNITED

S/N: 424414

W/O#: 22421

MODEL: 5934PD-3

ALT AT START: 0 FT

Barometric Scale Error

Barometer Set to Pressure IN/HG	Should Read (Altitude)	UUT Reads	ERROR TOL +/- 25 FT
28.1	-1727	1727	0
28.5	-1340	1340	0
29.0	-863	863	0
29.5	-392	392	0
29.92	0	0	0
30.5	+531	531	0
30.9	+891	891	0
30.99	+974	974	0

Altimeter Error and Friction (In Feet)

ALTITUDE	UUT	+/- TOL	FAIL	FRICTION	+/- TOL	FAIL
-1000	1000	20				
0	0	20				
500	500	20				
* 1000	1000	20		20	70	
1500	1500	25				
* 2000	2000	30		20	70	
* 3000	3000	30		20	70	
4000	4000	35				
* 5000				20	70	
6000	6000	40				
8000	8000	60				
* 10000	10000	80		40	80	
12000	12010	90				
14000	14010	100				
* 15000				40	90	
16000	16005	110				
18000	18000	120				
* 20000	20020	130		40	100	
22000		140				
* 25000		155		—	120	—
* 30000		180		—	140	—
* 35000		205		—	160	—
* 40000		230		—	180	—
* 45000		255				
* 50000		280		—	250	—

Case Leak 0 FPM (TOL 100FT In 1 minute max)
 Hysteresis @50% 10030 @40% 2040 (TOL +/- 75FT)
 Ending Reading 10 (+/- 30 from start of test)

Overall Results

☒ Pass

☐ Fail

Technician S. K. 1203

Inspector Shawn K. 1203

AIRCRAFT LOG

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 12/21/06

Airframe Log

N220TG

Hobbs: 763.9

Piper PA34-220T

S/N: 3449265

ACTT: 763.9

Seneca V

Accomplish an Annual Inspection IAW FAR 43, appendix "D" using the Piper PA34-220T 100 Hour inspection report, as a guide.

C/W FAR 91.207, para C and D, ELT Shock Test and no defects found. Installed new ELT Battery PN 452-0130, ELT Battery Due 10/2008. Verified FAR 91.411 and 91.413 ALT/TRSP Static check, next due 12/2008. C/W Fire Extinguisher Weight check and no defects found. Installed 1 ea new Bulb PN A58-28 in RH rear NAV. Repaired wire on Annunciator Light, bottom row, second from right. Inspected Throttle Lock, adjusted and lubed. Adjusted Vacuum, both Engines. Installed new Non Skid Tape on RH Wing Step. Serviced Struts, as required. Installed RH Toe Brake Actuator PN 455-968 on Co-Pilot side, checked for leaks after bleeding Brakes and none found. Removed Electric Trim Switch, adjusted Switch, reinstalled & ops ck good. Installed 4 ea new LH and 4 new RH Brake Pads/linings PN 066-06200. Verified AD 2005-15-10 Heater Fuel Pump/SB 1127B, N/A due to Filter Access Cover PN 05487 being identical to the Cover shown on Figure 1, page 2 of Kelly SIL A-110B. C/W AD 2005-13-16 IAW SB 1123B inspected Nose Landing Gear, as specified and no defects found. Next due at 813.9 and 863.9 hours. Verified AD 2004-25-16R1, Fuel Regulator Shutoff Valve inspection N/A due to Date Code of 05/02 and No Further Action Required. C/W 300 Hour Oxygen System Inspection C/W 500 Hour Stabilator Drum Screw cleaning and Lube, ops check ok and no defects found.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO 22360, AD's Researched THRU Rev. 2006.25

Signature

CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Total To
Carry Forward

Tail 220TG Date 4-16-07 Hours 791.2

Replaced RH main Tire and Tube,

PN: 6.00x6 Tube and 6.00x6 Sp. FSII,

Joel C. Johnson Joel C. Johnson A&P40489324

Switlik Aviation Maintenance Inc Fort Myers, FL 239-936-3666

Signature

Certificate No.

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 5/14/07

Airframe Log

N220TG

Hobbs: 801.4

Piper PA34-220

S/N: 3449265

ACTT: 801.4

Seneca V

Removed RH Brake Pads, inspected Pads, Disc, Plate, cleaned and ops ck ok. Re-set LH and RH Vacuum Regulators to 5.7". Safetied LH Fuel Flow Knob.

C/W AD 2005-13-16/Piper SB 1123A inspected Nose Gear IAW page 3, 9 and 12 of SB and no defects noted, at this time.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO 23052.

Signature Joel C. Johnson

CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 2/19/07

Airframe Log

N220TG

Hobbs: 775.4

Piper PA34-220

S/N: 3449265

ACTT: 775.4

Seneca V

Set LH and RH Vacuum Regulators IAW Piper Maintenance Manual.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO 22673.

Signature

CRS # ECWR470D

Sun Aviation, Inc., Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Bombardier

Cessna

Honeywell

Mooney

Raytheon



N220TG

A/C S/N: 3449265

HOBBS: 834.7

DATE: 8/24/2007

AIRFRAME

1. Removed and replace instrument vacuum system Transducer with new P/N: 599-593, S/N 2072.

I certify that the items identified above were repaired and or inspected in accordance with current Federal Aviation Regulations, and is being returned to service with respect to work performed. Pertinent details of this work are on file at the Repair Station under Work Order No. 18700.

Signature

Date

8/24/07

Galvin Flying Services, Inc.
6987 Perimeter Road, Seattle, WA 98108.
Repair Station HUNR846E

Bombardier

Cessna

Honeywell

Mooney

Raytheon



N220TG

A/C S/N: 3449265

TACH TIME: 828.3

HOBBS: N/A

DATE: 18 JULY 2007

AIRFRAMEINSPECTION ITEMS & AD/SB COMPLIANCE

- ***Performed 50 hour airframe inspection IAW Galvin Flying Services checklist.***
- ***Complied with AD2005-13-16 and Service Bulletin No. 1123B, nose landing gear trunnion inspection and lubrication. No discrepancies noted at this time. Recurring inspection requirement due again at next scheduled maintenance/inspection.***

I certify that the items identified above were repaired and or inspected in accordance with current Federal Aviation Regulations, and is being released with respect to work performed. Pertinent details of this work are on file at the Repair Station under **Work Order No. 18503.**

Signature

Date

Galvin Flying Services, Inc.
6987 Perimeter Road, Seattle, WA 98108.
Repair Station; HUNR846E