



The Standard

AIRCRAFT LOG

2015-FWD

ASA-34-2

Aircraft Record General Information

Manufacturer PIPER Model PA-34-220T SENECA II
Serial 3449265 Registration Number N220TG
Date of Manufacture TYPE CERT. A7SD DEC. 2002

Engine(s) currently installed:

Manufacturer CONTINENTAL Model TSIO-360-RBIB Serial 322422 (LEFT)
Manufacturer CONTINENTAL Model LTIO-360-RBIB Serial 322177 (RIGHT)

Propeller(s) currently installed:

Manufacturer MCCAULEY Model _____

HUB Model _____ Serial _____ Serial _____

Blade Model 3AF32C522 (011848) Serial VL26102 Serial VL26106 Serial VL26340

Blade Model 3AF32C523 (020480) Serial VL31010 Serial VL31016 Serial VL31017

PAINT: DUPONT TMRON 2000

WHITE: D0007HD ;

SPARKLING BLUE METALLIC: D0347HD ;

PINK PIPER GOLD METALLIC: D0390HD

YEAR 20 <u>15</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE: Piper
MODEL: Pa-34-220t
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
0168-12-2014

East Coast Aviation Service, Inc.

2580 SE Aviation Way
Ste 102
Stuart, FL 34996
Phone: 772 781 0610

DATE: 1/2/2015
A/C TSN: 1618.4
HOBBS: 1618.4

Airframe Entries

(1) removed trim switch base from instrument panel, replaced trim switch base P/N#4766-103 operational check and functional preformed no discrepancies noted.

Maintenance Release

The aircraft and/or component(s) on 220TG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0168-12-2014, Dated 1/2/2015.

DATE: 1/2/2015

SIGNED: 

Work Order: 0168-12-2014

Richard John Epler, A&P: 3104910

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ations
nber of
entries.)

YEAR
20
DATE

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

Date: 02/18/15

Airframe Log

N220TG

Hobbs: 1625.4

Piper PA34-220T

S/N: 3449265

ACTT: 1625.4

Seneca V

Replaced right main tire, installed 600X6 8 ply Michelin Air per PA34-200T MM 6=00 and 32-40-00.

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 S002014

Signature

CRS # ECWR470D

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

Date: 2/27/2015

Sun Aviation, Inc.

A/C Reg#: N220TG

Hobbs: 1625.4

Avionics

A/C Serial#: 3449265

WO#: A001409

Aircraft Log

A/C Model: PA34-220T

1. Installed Mid-Continent TA102 Dual USB Charging Port as a MINOR alteration in accordance with the manufacturer's installation instructions and AC43.13.
2. Removed GNS430 S/N 97110899 and returned to manufacturer for repair. Reinstalled repaired GNS430, programmed, set-up and ground checked without discrepancy.

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 ECWD470D

Sun Aviation, Inc. Vero Beach, FL 32960 (772) 562-9257

YEAR

20

DATE

MAKE: Piper
MODEL: Pa-34-220t
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
0238-03-2015

East Coast Aviation Service, Inc.

2580 SE Aviation Way
Ste 102
Stuart, FL 34996
Phone: 772 781 0610

DATE: 4/1/2015
A/C TSN: 1636.5
HOBBS: 1636.5

Airframe Entries

(1) checked height of nose strut as per Piper MM, Nose Strut met height level as per Piper MM, no action take,... (2) Serviced tires, as per Piper MM... (3) Replace right wing inboard and outboard fuel transducer sending units with inboard fuel transducer sending unit P/N# 550-503 S/N# 3279 and outboard fuel transducer sending unit P/N# 550-504 S/N# 3757, operational check ok no discrepancies noted

The aircraft and/or component(s) on 220TG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 0238-03-2015

DATE: 4/1/2015

SIGNED: 

Work Order: 0238-03-2015

Richard John Epler, A&P: 3104910

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MAKE: Piper
MODEL: Pa-34-220t
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
0410-09-2015

East Coast Aviation Service, Inc.

2580 SE Aviation Way
Ste 102
Stuart, FL 34996
Phone: 772 781 0610

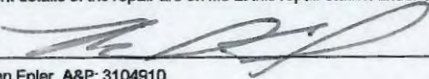
DATE: 10/26/2015
A/C TSN: 1646.1
HOBBS: 1646.1

Airframe Entries

(1) Re-installed overhauled fuel pumps left P/N 2B6-88 S/N 3AV34 right P/N 2B6-88 S/N 3AT29 overhauled by Fleet Support Services Inc. on 9 OCT 2015 under work order number 003881.... (2) Service tires lubricated control surfaces airframe taxi end run aircraft

The aircraft and/or component(s) on 220TG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 0410-09-2015

DATE: 10/26/2015

SIGNED: 

Work Order: 0410-09-2015

Richard John Epler, A&P: 3104910

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YEAR
99
DATE

RECORDING TACH TIME

TODAY'S FLIGHT

**TOTAL
TIME IN
SERVICE**

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number.
Technician or Repair Facility. (See back pages for other specific entries.)

PRECISION JET AVIONICS, INC. 1925 SE Airport Road Hangar 2 Stuart, FL 34996
LOG ID# 3006 03-December-2015 WO# 13245/1 REF# 13245/ALL AC TT 1654.2
N220TG S/N 3449265 PIPER PA-34-220T

*** ITEM # 13245-1 IFR Certification ****

The 24-month tests and inspections required by CFR 91.411 and CFR 91.413 have been performed and found to comply with Part 43, Appendices E & F, and certified to manufacturer's specifications.

Static system(s) and Automatic Pressure Altitude Reporting Equipment tested to 25,000 Ft:

Aspen EFD P/N 910-00001-001 S/N 13826
United Standby Altimeter P/N 5934PAD-3 S/N 424332
Garmin Transponder GTX327 P/N 011-00490-00 S/N 83711244
Trans Cal Blind Encoder P/N SSD120-30N S/N 15818

Signature CRS#PJ7R346X Harold Wilke

Date _____

PRECISION JET AVIONICS, INC.

ALTIMETER SCALE CORRECTION CARD

AIRCRAFT REG: N220TG

PILOT / COPILOT / STANDBY (CIRCLE ONE)

ALTIMETER S/N 13826**SCALE CORRECTIONS**Add Algebraically
Room TempAdd Algebraically
Room Temp

-1000	-1,000	14000	13,970
0	0	16000	15,960
500	500	18000	17,960
1000	1,000	20000	19,950
1500	1,500	22000	21,940
2000	2,000	25000	24,940
3000	3,000	30000	
4000	4,000	35000	
6000	5,990	40000	
8000	7,980	45000	
10000	9,980	50000	
12000	11,980	51000	

Tested by: N PanicoDate: 11/25/15

Scale corrections shown on this card are the scale errors with the sign reversed. Only those scale errors determined by the use of a master altimeter traceable to an accurate mercurial barometer at the time the altimeter is calibrated for acceptance, will be used in determining scale corrections for entry on this card. This completed scale corrections card will be attached to the altimeter when it is not installed in the airplane.

PRECISION JET AVIONICS, INC.

Stuart Airport (SUA)

1925 SE Airport Road, Hangar 2

Stuart, FL 34996 (772) 781-6477

Form PJA 013

FAA CRS# PJ7R346X

PRECISION JET AVIONICS

ALTIMETER SCALE CORRECTION CARD

AIRCRAFT REG: N220TG

PILOT/COPILOT/STANDBY (circle one)

ALTIMETER S/N 424332**SCALE CORRECTIONS**Add Algebraically
Room TempAdd Algebraically
Room Temp

-1000	-1,000	14000	14,030
0	0	16000	16,030
500	505	18000	18,030
1000	1,005	20000	20,040
1500	1,510	22000	22,040
2000	2,010	25000	25,060
3000	3,010	30000	
4000	4,020	35000	
6000	6,020	40000	
8000	8,020	45000	
10000	10,020	50000	
12000	12,030	51000	

Tested by: N PanicoDate: 11/25/15

Scale corrections shown on this card are the scale errors with the sign reversed. Only those scale errors determined by the use of a master altimeter traceable to an accurate mercurial barometer at the time the altimeter is calibrated for acceptance, will be used in determining scale corrections for entry on this card. This completed scale corrections card will be attached to the altimeter when it is not installed in the airplane.

PRECISION JET AVIONICS, INC.

Stuart Airport (SUA)

1925 SE Airport Road, Hangar 2

Stuart, FL 34996 (772) 781-6477

Form PJA 013

FAA CRS# PJ7R346X

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE: Piper
MODEL: Pa-34-220T
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
0449-11-2015

East Coast Aviation Service, Inc.

2580 SE Aviation Way
Ste 102
Stuart, FL 34996
Phone: 772 781 0610

DATE: 12/30/2015
A/C TSN: 1654.2
HOBBS: 1654.2

Airframe Entries

(1) Performed Annual Inspection In accordance FAR 43 Appendix D... (7) Replaced landing and taxi lights P/N GE4594... (8) Re-Installed fuel gauge P/N 157297-1 S/N 02080114, after repaired by Ultra Electronics on RMA # 40509 Dated 10 Dec 2015... (9) Cleaned and lubricated pilot and co-pilots control column... (14) safety wired L/H engine oil cooler temp probe... (17) Replaced L/H engine vacuum pump hose with 3' Stratoflex 193-10 low pressure hose... (18) Inspected and cleaned L/H and R/H gascolators, L/H and R/H fuel strainer screens, reinstalled with new o-rings... (19) Secured caterpillar grommet in L/H engine nacelle... (20) Replaced L/H and R/H vacuum pump filters P/N ARB3-5-1 and replaced central air filter P/N D9-18-1... (21) Secured L/H eng throttle control cable with tie-wraps... (22) Secured rear cabin entry door lock... (23) Replaced cabin vent window seal with 2ft of seal P/N BA-350... (24) Replaced L/H and R/H brake linings P/N066-06200... (25) Replaced L/H and R/H brake shims P/N068-01100... (27) Cleaned and resealed L/H and R/H brake calipers installed new O-ring P/N MS287775-222, Flushad brake system and serviced with new 5606... (28) Secured fittings on power pack aft B-nut operations and leak check good... (30) C/W FAR 91.207D ELT inspection and test, Battery replacement due May/2021... (31) C/W AD 2004-21-05 Heater combustion tube by pressure decay test, next due 12/2016... (32) C/W AD 2004-25-16R1 fuel regulator shut-off valve visual inspection, no discrepancies noted, due next annual... (33) C/W AD 2005-13-16 Nose landing gear drag link bolt per SC1123C table 1; bolt replacement not due until 1925.4... (34) C/W AD 2013 Stabilator failure not due until Nov/2017... (35) C/W 84-26-02 Paper induction filter elements by replacement, Next replacement due at 2154.6... (36) Replaced L/H and R/H induction air filters with P/N 638873... (38) Installed new fire extinguisher and bracket model A344... (39) C/W SAIB CE-11-12R1, Corrosion on the rear wing spar at fuselage attach point, no corrosion noted, checked and found all AD's to have been C/W thru this date, I certify this Aircraft to have been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

The aircraft and/or component(s) on 220TG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. *Pertinent details of the repair are on file at this repair station under Work Order No. 0449-11-2015

DATE: 12/30/2015

SIGNED:

Richard John Epler, IA: 3104910

Work Order: 0449-11-2015

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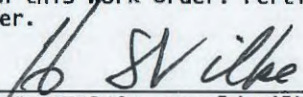
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PRECISION JET AVIONICS, INC. 1925 SE Airport Road Hangar 2 Stuart, FL 34996
LOG ID# 3031 02-February-2016 WO# 13278/1 REF# 13278/A AC TT 1658.7
N220TG S/N 3449265 PIPER PA-34-220T

**** ITEM # 13278-1 #1 GNS 430 buttons are hard to activate when pressed ****
Removed #1 GNS 430 P/N 011-00280-10 S/N 97112058 for factory repair. Reinstalled repaired #1 GNS
430 P/N 011-00280-10 S/N 97112058. All maintenance and function checks performed in accordance
with Garmin 400 Series Installation Manual 190-00140-02, Revision T, dated June 17, 2010.
The operational check of the #1 GNS 430 pass.

The Aircraft, component, or appliance identified above was repaired and inspected in accordance
with current FAA Regulations and is approved for return to service with respect to the work
accomplished in this work order. Pertinent details are on file at this repair station under the
above work order.


Signature CRS # PJ7R346X Harold Wilke

2-2-16
Date

YE/

20.

DA/

PRECISION JET AVIONICS, INC. 1925 SE Airport Road Hangar 2 Stuart, FL 34996
LOG ID# 3043 25-February-2016 WO# 13295/1 REF# 13295/ALL AC TT 1659.8
N220TG S/N 3449265 PIPER PA-34-220T

**** ITEM # 13295-1 #1 GNS 430 will not transmit ****

Removed Garmin GNS 430 P/N 011-00280-10 S/N 97112058 and replaced with repaired GNS 430 P/N 011-00280-10 S/N 97112058 in accordance with Garmin 400 Series Maintenance Manual 190-00140-05, Revision F dated October 2008. Operational check of the #1 GNS 430 pass.

The Aircraft, component, or appliance identified above was repaired and inspected in accordance with current FAA Regulations and is approved for return to service with respect to the work accomplished in this work order. Pertinent details are on file at this repair station under the above work order.

H. Wilke
Signature CRS # PJ7R346X Harold Wilke

2-25-16
Date

LOGBOOK ENTRY:

DATE: JUNE 22 16 A/C TYPE: Seneca
REG# N220TG A/C TIME: 1675.3

PERFORMED ELT TEST AND INSPECTION I/A/W FAR 91.207 D. PAR. 1,2,3,4
ON ELT MODEL ME 406 P/N 453-6603 S/N 188-06466
AND FOUND SATISFACTORY APPROVED FOR RETURN TO SERVICE
UNDER W.O. # 62216 ELT BATTERY DUE DATE: MAY 2021

Mark B. Alicandro

MARK B. ALICANDRO

FOR

TROPIC RADIO INC. 2695 NW 56TH ST. HANGER 53-A

FT. LAUDERDALE, FL. 33309 TEL # 954-776-4030

FAA C.R.S. # RZ4R510M

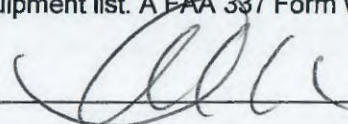
YEAR	DESCRIPTION	TORNAVE	TOTAL	Installation of Equipment	Tests	Remarks and Alterations	Signature
N220TG	Piper PA-34-220T	S/N 3449265	Hour Meter: 1675.3	6/30/16			

Removed 2 Garmin GNS430 GPS/NAV/COM P/N 011-00280-10 S/N S/N 97110899 and S/N 97112058. Removed 2 Garmin GA56 GPS Antennas P/N 011-00134-00 S/N NA. Installed 2 Garmin GTN650 GPS/NAV/COM P/N 010-00813-50 S/N 1Z8020330 and S/N 1Z8020348. Installed 2 Garmin GA35 GPS Antennas P/N 013-00235-00 S/N 124277 and 124278.

Components were installed with reference to Garmin installation manual P/N 190-01007-A3 Rev.9, 2/16 and STC-AML SA02019SE-D. They both receive ADC data and display GPS/NAV data on the pilot's Aspen EFD1000 Pro. GTN650 #2 displays NAV data on a GI106A NAV Indicator on pilot's instrument panel. GTN650s were interfaced to the Aspen EFD1000 with reference to Aspen installation manual P/N 900-00003-001 Rev BH, March 2016.

Performed post installation configuration and checkout procedures and interference checks IAW with manufacturer instructions. Computed aircraft weight and balance change, and updated weight and balance record/supplemental equipment list. A FAA 337 Form was submitted for this installation.

AAP 2704234 Michael Lochmueller



YEAR
20
DATE

REC
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TIM

MAKE: Piper
MODEL: PA-34-220T
S/N: 3449285
REG. NO: 220TG
WORK ORDER:
7107-04-2016

Premier
Aircraft Service

Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 6/30/2016
A/C TSN: 1675.3
HOBBS: 1675.3

and Alterations
date Number of
specific entries.)

Airframe Entries

(8) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW FAR 43 APPENDIX D USING PA34-220T M/M CH 5 INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 05/2021. ADs CHECKED THROUGH CURRENT ON ATP.... (15) COMPLIED WITH PIPER SERVICE BULLETIN 1242 BY INSPECTION. THE FACTORY INSTALLED RUDDER BAR CONFORMS TO DETAIL B OF THIS SERVICE BULLETIN. INSPECTION REVEALS NO CRACKS AT THIS TIME. REPEAT THIS INSPECTION EACH 100 HOURS. NEXT DUE 1716.1 HOURS TTIS.... (16) COMPLIED WITH PIPER SERVICE BULLETIN 1197D BY INSPECTION. BOTH CONTROL YOKE UNIVERSAL JOINTS HAVE EXISTING WITNESS HOLES AND CONFORM TO THE MEASUREMENTS REQUIRED IN THIS SB. NO FURTHER ACTION REQUIRED.... (17) C/W PIPER SB 1161 RIB ASSY INSPECTION AND MOD. PERFORMED STEP 2(A) DYE PENETRANT INSPECTION, NO DEFECTS NOTED AT THIS TIME. NEXT VISUAL INSP DUE IN 100 HRS FROM THIS TIME. NEXT DYE PENETRANT INSP DUE 500 HRS FROM THIS TIME.... (18) C/W CH.5 REPLACEMENT OF LEFT AND RIGHT ENGINE OIL AND FUEL HOSES WITH NEW. LEAK CHECKED GOOD.... (22) PERFORMED DE-ICE SYSTEM 100 HR INSPECTION IAW PA34-220T M/M CH 30-10. SYSTEM OPS CHECKED GOOD.... (23) REMOVED STRIPPED SCREWS FROM SEVERAL INSPECTION ACCESS PANELS AS REQUIRED.... (24) REPLACED GROUND STRAP ON VERTICAL STAB UPPER FAIRING WITH NEW IAW AC43.13-1B, CH 11.... (27) REPLACED RH MLG DOOR HINGE ATTACHED TO WING IAW PA34-220T CH 32-10 AND AC43.13-1B, CH 4.... (29) REPLACED LEFT OTBD ELEV TRIM HINGE ASSY AND PIN IAW AC43.13-1B, CHAP 4.... (30) REPLACED LEFT WHEEL OTBD RACE AND BEARING IAW WITH PA34-220T MM CH 32-40-00.... (31) REPLACED NOSE WHEEL INBD AND OTBD RACE AND BEARINGS IAW PA34-220T MM CH 32-40-00.... (32) REPLACED LEFT AND RIGHT AILERON BELLCRANKS WITH NEW P/N 37290-000 AND 37290-001. RE TENSIONED AILERON CABLE TO SPECS AND PERFORMED AILERONS TRAVEL CHECK IAW PA34-220T M/M CH 27-00 AND 27-10.... (33) REPLACED UPPER BOLT AND BUSHING ASSY ON ELEVATOR TRIM JACK SCREW IAW WITH PA34-220T MM CH 55-20.... (34) RE SEALED EDGES OF ALL DE-ICE BOOTS IAW PA34-220T MM CH 30-10.... (35) REMOVED A/C COMPRESSOR HIGH PRESS HOSE FROM LEFT ENG. REPLACED FIRE SLEEVE AND RE INSTALLED HOSE WITH NEW O-RINGS. SERVICED A/C SYSTEM IAW PA34-220T M/M CH 21-50.... (36) TIGHTENED RUDDER TRIM CONTROL PUSH ROD JAM NUT AS REQUIRED.... (37) REPAIRED CENTER FLOORBOARD BELOW FORWARD PASS SEATS BY BONDING AND FILLING WITH EPOXY RESIN IAW PIPER PA34-220T MM CH 51-70.... (39) FILED ROUGH SURFACE AREAS ON LEFT AND RIGHT PROP DE-ICE SLIP RINGS IAW PA34-220T MM CH 30-60.... (41) REMOVED RUST SPOTS FROM LEFT AND RIGHT ENG MOUNT FRAME ASSY AND TREATED IAW AC43.13-1B, CH 6. PAINTED TREATED AREAS WITH FLAT BLACK AS REQUIRED. TORQUED ATTACHING H/W FOR COWLING SUPPORT BRACES ON ENG MOUNT IAW PA34-220T MM CH 91-10.... (42) REPLACED #2 EGT PROBE ON RIGHT ENG WITH NEW P/N 86255 IAW WITH PA-34-220T MM CH 77-20.... (43) C/W BATTERY CAP TEST IAW GILL M/M. BATTERY PASSED CAP TEST AT THIS TIME. RE INSTALLED BATTERY IAW PA34-220T MM CH 24-30.... (48) REPLACED RIGHT MAIN TIRE INNER TUBE WITH NEW P/N 097-500-0 MICHELIN SIZE 15X600-6 IAW PA34-220T M/M CH 32-40 AND POH SECTION 8-15.

I CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 6/30/2016

SIGNED:

Emmanuel Vicioso, IA: 3708718

Work Order: 7107-04-2016

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Operations
Number of
entries.)

YEAR
20
DATE

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and Alterations
ificate Number of
r specific entries.)

MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
7107-04-2016



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2383

DATE: 7/11/2016
A/C TSN: 1678.5
HOBBS: 1678.5

Airframe Entries

(50) POST MAINTENANCE OPERATIONAL FLIGHT PERFORMED BY CORBIN HALLARAN, RATED PILOT CERTIFICATE # 3171565 PER 14 CFR 91.407. DISCREPANCIES THAT FOLLOW WERE FOUND DURING THE RT'S FLIGHT AND WILL BE LISTED ON THIS WORK ORDER.... (52) REPLACED RH ENG PRIMARY TIT PROBE WITH NEW P/N 481-400 IAW PA34-220T MM.... (55) SEALED LEFT AND RIGHT ENGINE BAFFLES AS REQUIRED.... (56) REPLACED LEFT SECONDARY TIT PROBE WITH NEW P/N 2871 AS REQUIRED. OPS CHECKED GOOD.... (61) ADJUSTED LH AND RH GEAR/THROTTLE WARNING SWITCHES IAW PA34-220T MM CH 32-60. OPS CHECKED GOOD.... (67) REMOVED SURFACE CORROSION, PRIMED AND PAINTED SMALL AREA FROM LEFT HORIZONTAL STABILIZER IAW AC43.13-1B, CH 6.... (70) LEVELED AIRCRAFT AND LEVELED ARTIFICIAL HORIZON ON ASPEN PFD IAW PA34-220T MM CH 8-20 AND EFD1000 MM.... (72) REPAIRED WIRE ON LEFT ENGINE SECONDARY CHT #6 PROBE IAW AC43.13-1B, CH 11. OPS CHECK GOOD.

DATE: 7/11/2016

SIGNED:

Work Order: 7107-04-2016

Juan Valencia, A&P: 3804317

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MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
7204-07-2016



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2383

DATE: 7/13/2016
A/C TSN: 1679.8
HOBBS: 1679.8

Airframe Entries

(4) REPLACED LEFT ENG PRIMARY TIT PROBE WITH NEW P/N 481-400. OPS CHECKED GOOD.... (6) SWAPPED COM 1 AND COM 2 ANTENNA CONNECTIONS AT GNS FOR TROUBLESHOOTING. RADIOS GROUND OPS CHECKED GOOD.... (8) SERVICED NOSE STRUT WITH NITROGEN IAW PA34-220T MM CH 12-10. OPS CHECK GOOD.

DATE: 7/13/2016

SIGNED:

Work Order: 7204-07-2016

Juan Valencia, A&P: 3804317

Printed by EBis 3 (datcomedia.com)

YEAR
20
DATE

RE
TA/
TH

MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
7207-07-2016



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 7/19/2016
A/C TSN: 1680.9
HOBSBS: 1680.9

nd Alterations
icate Number of
specific entries.)

Airframe Entries

(2) REPLACED ALL (3) TIRES WITH NEW P/N 606C86-6 600-6-8 GDY FCIII. REPLACED LEFT AND RIGHT MAIN TIRE INNER TUBES WITH NEW P/N 092-500-0-M600-6. PERFORMED LNG GEAR RETRACTION, OPS CHECKED GOOD. ALL WORK PERFORMED IAW PA34-220T M/M CH 32-40.... (4) TIGHTENED A/P ROLL SERVO CLUTCH ASSY CENTER NUT AND RE SAFETIED AS REQUIRED. RE INSTALLED FLOORBOARD CENTER PANEL AND PASS SEATS.

DATE: 7/19/2016

SIGNED:

Work Order: 7207-07-2016

Hadas Guilboa, A&P: 3188825

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MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
7485-02-2017



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 2/23/2017
A/C TSN: 1701.5
HOBSBS: 1701.5

Airframe Entries

(3) CLEANED AND RE INSTALLED HARNESS PLUG FOR RIGHT ENG MAP GAUGE. INST CHECKED GOOD AT GROUND RUN-UP.
(4) CLEANED AND RE INSTALLED HARNESS PLUG FOR RIGHT ENG CHT GAUGE. INST CHECKED GOOD AT GROUND RUN-UP.
(6) ADJUSTED LEFT THROTTLE CONTROL CABLE IAW PA34-220T M/M CH 76-10-00.
(9) INSTALLED A NEW PILOT RIGHT BRAKE PEDAL PAD P/N 62867-002.

DATE: 2/23/2017

SIGNED:

Work Order: 7485-02-2017

Michael Arthur, A&P: 3543829

Printed by EBis 3 (datcomedia.com)

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MAKE: Piper
MODEL: PA-34-220T
S/N: 3448265
REG. NO: 220TG
WORK ORDER:
7477-02-2017



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2383

DATE: 3/6/2017
A/C TSN: 1703.5
HOBBS: 1703.5

Airframe Entries

(6) REPLACED STD BY ARTIFICIAL HORIZON BATTERY WITH NEW P/N 9015607, S/N A17-10766. NEXT REPLACEMENT DUE: MAR 2020.

DATE: 3/6/2017

SIGNED:

Michael Arthur, A&P: 3543829

Work Order: 7477-02-2017

Printed by EBis 3 (datcomedia.com)

MAKE: Piper
MODEL: PA-34-220T
S/N: 3448265
REG. NO: 220TG
WORK ORDER:
7477-02-2017



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2383

DATE: 3/10/2017
A/C TSN: 1703.9
HOBBS: 1703.9

Airframe Entries

(7) POST MAINTENANCE OPERATIONAL FLIGHT PERFORMED BY CORBIN HALLARAN, RATED PILOT CERTIFICATE # 3171565 PER 14 CFR 91.407. DISCREPANCIES THAT FOLLOW WERE FOUND DURING THE RTS FLIGHT AND WILL BE LISTED ON THIS WORK ORDER.

(8) REMOVED STD BY ARTIFICIAL HORIZON BATTERY P/N 9015607, S/N A17-10766 DUE TO UNDER VOLTAGE. INSTALLED NEW STD BY ARTIFICIAL HORIZON BATTERY P/N 9015607, S/N A17-10768, MFG DATE 01/2017 IAW PA34-220T MM CH 34-20. OPS CHECKED GODD IAW MID-CONTINENT INSTRUMENTS AND AVIONICS MM.

DATE: 3/10/2017

SIGNED:

Juan Valencia, A&P: 3804317

Work Order: 7477-02-2017

Printed by EBis 3 (datcomedia.com)



EMERGENCY BATTERY REPLACEMENT

Attach this label in aircraft logbook

Recommended battery replacement 3 years from date of manufacture. Order replacement battery from Mid-Continent Instruments and Avionics at (800) 821-1212.
Date of Manufacture: 3-1-2017

YEAR 20 DATE	RECORDING TACH TII	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be entered with Name, Date, and Certificate Number of specific entries.)
				1 of 2 MAKE: Piper MODEL: PA-34-220T S/N: 3449265 REG. NO: 220TG WORK ORDER: 7620-06-2017  Premier Aircraft Service, Inc. 5540 NW 23rd Avenue Hanger 14 Fort Lauderdale, FL 33309 Phone: (954) 334-2393 DATE: 7/19/2017 A/C TSN: 1726.8 HOBBS: 1726.8 Airframe Entries (2) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW 14 CFR PART 43, APPENDIX "D" USING PA34-220T MM INSPECTION GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 5/2021. ADs CHECKED THROUGH CURRENT ON ATP. (8) C/W AD2017-06-03 TO DETECT AND CORRECT A HAZARDOUS CONDITION CAUSED BY DETERIORATION OF COMBUSTION HEATER. VERIFIED THIS AD DOES NOT APPLY DUE TO MANUFACTURE JANITOL B3500 MODEL HEATER IS INSTALLED IN THIS AIRCRAFT. NO FURTHER ACTION IS REQUIRED. (10) C/W AD 2004-25-16-R1 FUEL REGULATOR SHUT-OFF VALVE INSP. NO DEFECTS NOTED AT THIS TIME. (11) C/W ANNUAL INSP OF AIR CONDITION SYSTEM. (12) C/W ANNUAL INSP OF DE-ICE SYSTEM IAW CH 30-10-00 AND 30-60-00. (15) C/W ANNUAL REPLACEMENT OF VACUUM FILTERS FOR DE-ICE SYSTEM. INSTALLED NEW FILTERS P/N B3-5-1 ON LH AND RH VACUUM REGULATORS. (16) OXYGEN BOTTLE IS DUE REPLACEMENT (EA 15 YR). PART NOT AVAILABLE AT THIS TIME, LABELED SERVICE PORT "DO NOT FILL." (17) C/W PIPER SB 1123C NOSE GEAR INSPECTION, 50 AND 100 HR ITEMS LISTED ON CHECK LIST. INSTALLED NEW RETRACTION LINK ACTUATOR ATTACH BOLT AN23-40A. (23) PERFORMED 406 ELT OPS CHECK IAW FAR 91.207 ON ELT S/N 6466. BATTERY EXP DATE 5/2021. HEX ID ADCC406508002F1. OPS CHECKED GOOD. (24) REPLACED RIGHT WHEEL INBD BEARING RACE WITH NEW P/N 13836-20629 IAW PA-34-220T MM CH 32-40-00. (28) APPLIED HIGH TEMP RTV ON LH ENG TURBO INLET AIR HOSE AS REQUIRED. (29) REPLACED LEFT WHEEL OTBD BEARING GREASE SEAL RETAINER WITH NEW P/N 154-12000 AND RE INSTALLED WHEEL IAW PA 34-220T MM CH 32-40-00. (30) REPLACED LEFT PROP DE-ICE HEATING BOOT HARNESSSES (3 EA) WITH NEW P/N 3H3158-2. OPS CHECKED GOOD IAW PA34-220T MM CH 30-10 AND 30-60.

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- (39) SERVICED AIR CONDITIONING SYSTEM IAW PIPER PA-34-220T MM CH 21-50.
(41) REPLACED MAGNETIC COMPASS WITH NEW C2200L4-1B, S/N AS-14355 IAW PA34-220T MM CH 34-20-00.
(42) REPAIRED WIRE HARNESS FOR LEFT ENG CYL #4 CHT PROBE IAW AC43.13-1B CH 11. OPS CHECKED GOOD.
(44) RE TIGHTENED UPPER SCISSOR ASSY ATTACH BOLT ON LEFT MLG AND RE SAFETIED IAW AC43.13-1B CH 7.
(45) RE TIGHTENED UPPER SCISSOR ASSY ATTACH BOLT ON RIGHT MLG AND RE SAFETIED IAW AC43.13-1B CH 7.
(46) RE TIGHTENED ATTACHING BOLTS ON RIGHT MLG DOOR AS REQUIRED.
(48) REPLACED HYD BRAKE RESERVOIR FEED HOSE WITH NEW P/N MIL-H-6000-1/4 AND BLEED BRAKES IAW PA-34-220T MM CH 32-40-00. LEAK CHECKED GOOD.
(49) REPLACED RIGHT WHEEL BEARINGS AND RACE CUPS WITH NEW P/N 13836-20629 AND 13889-20629 IAW PA-34-220T MM CH 32-40-00 AND CLEVELAND BRAKES MANUAL.
(50) ADJUSTED STABILATOR CONTROL SURFACE UP TRAVEL STOP BOLTS IAW PA34-220T MM CH 27-30-00.
(53) RE TIGHTENED RUDDER TRIM TAB CONTROL PUSH ROD BOLTS AS REQUIRED.
(55) CLEANED LEFT AND RIGHT PROP DE-ICE HEATING BOOT HARNESS TERMINALS AS REQUIRED.
(63) INSPECTED, CLEANED AND RE INSTALLED LEFT ENG #4 EGT PROBE. OPS CHECKED GOOD.

I CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 7/19/2017

SIGNED:

Emmanuel Vicioso, IA: 3708718

Work Order: 7620-06-2017

Printed by EBis 3 (datcomedia.com)

MAKE: Piper
MODEL: PA-34-220T
S/N: 3449285
REG. NO: 220TG
WORK ORDER:
7620-06-2017

Premier
Aircraft Service

Premier Aircraft Service, Inc.

5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 7/21/2017
A/C TSN: 1727.5
HOBBS: 1727.5

Airframe Entries

(66) PERFORMED MAGNETIC COMPASS SWING IAW AC43.13-1B, CH 1, SECTION 3 AND FAR 23.1327 WITH THE AID OF AN AVIATORS MASTER COMPASS S/N: SCZ-106. ALL CORRECTIONS ARE WITHIN LIMITATIONS AND WRITTEN ON CORRECTION CARD.

DATE: 7/21/2017

SIGNED:

Juan Valencia, A&P: 3804317

Work Order: 7620-06-2017

Printed by EBis 3 (datcomedia.com)

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				I CERTIFY THAT THE ALTIMETER, ENCODING SYSTEM AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED: THE ALTIMETER: PILOTS S/N <u>45332</u> COPILOTS S/N <u>N/A</u> , ADC S/N <u>13826</u> WAS/WERE TESTED TO <u>25</u> K FT I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED AND FOUND TO COMPLY XPDR # 1 M/N <u>GTX 337</u> S/N <u>8571244</u> XPDR # 2 M/N <u>N/A</u> S/N <u>N/A</u> SIGNATURE: <u>[Signature]</u> DATE: <u>5/17/18</u> TOMLINSON AVIONICS OF FLORIDA INC. 521 DANLEY DR, FT. MYERS, FL. 33907 FAA CRS # V6TR097X,

N220TG

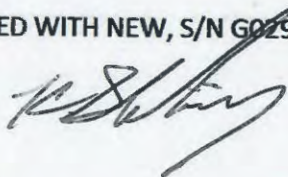
AIRFRAME

HOBBS 1754.7

7/23/18

REMOVED BATTERY, S/N G02823731, AND REPLACED WITH NEW, S/N G02962975. OPS CHECK OK.

 TIMOTHY SHIRLING
 A&P 2771043



ALTIMETER SCALE CORRECTIONS

Altimeter Model **EFD1000**

SN **13826**

Altimeter Reads	Observed Reading	Altimeter Reads	Observed Reading
-1000	0	12000	-25
0	0	14000	-30
500	0	16000	-45
1000	0	18000	-50
1500	0	20000	-60
2000	0	22000	-60
3000	0	25000	-60
4000	-5	30000	X
6000	-10	35000	
8000	-20	40000	
10000	-20	45000	
		50000	

Tomlinson Avionics of Florida, Inc.
521 Danley Drive
Fort Myers, FL 33907
Repair Station No. V6TR097X

ALTIMETER SCALE CORRECTIONS

Altimeter Model **5134PAD-3** SN **424332**

Altimeter Reads	Observed Reading	Altimeter Reads	Observed Reading
-1000	0	12000	+20
0	0	14000	+20
500	0	16000	+20
1000	0	18000	+50
1500	0	20000	+60
2000	0	22000	+50
3000	+10	25000	+50
4000	+20	30000	X
6000	+40	35000	
8000	+40	40000	
10000	+30	45000	
		50000	

Tomlinson Avionics of Florida, Inc.
521 Danley Drive
Fort Myers, FL 33907
Repair Station No. V6TR097X

YEAR
20 _____
DATE

RECORDING TACH TIME

TODAY'S FLIGHT

**TOTAL
TIME IN
SERVICE**

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N220TG

AIRFRAME

HOBBS 1754.9

TTAF 1754.9

9/1/18

PACKED ALL WHEEL BEARINGS. PERFORMED RETRACTION OPS CHECK. INSPECTED AND LUBED ALL FLIGHT CONTROLS. ELT BATTERY WAS INSPECTED I/A/W FAR 91-207(d). ELT BATTERY DUE DATE IS 5/2021. REPLACED BOTH LANDING LIGHTS WITH NEW. REINSTALLED LH FUEL PUMP SN# 3AV34 AFTER OVERHAUL OPS AND LEAK CHECK OK. AIRFRAME WAS INSPECTED I/A/W AN ANNUAL AND WAS FOUND TO BE IN AIRWORTHY CONDITION. *12/11/2021*

IAN H. MCBRIDE

A&P 3192058IA

N220TG

AIRFRAME

HOBBS 1755.7

10/26/18

REMOVED BATTERY, S/N G02962975, AND REPLACED WITH NEW, S/N G03015300. OPS CHECK OK.

TIMOTHY SHIRLING

A&P 2771043

LOGBOOK ENTRY:
N220TG S/N 3449265
PIPER PA-34-220T AIRCRAFT HOBBS 1787.1
SEPT 04, 2019

Iterations
(Number of
fic entries.)

REMOVED GARMIN GTX 327 TRANSPONDER.
INSTALLED NEW GARMIN GTX 335 ADSB OUT TRANSPONDER IN SAME LOCATION.
TRANSPONDER INSTALLED IN REFERENCED TO GTX 335 PART 23 AML STC INSTALLATION
MANUAL P/N 190-00734-10 REV 12 AND VERIFIED THIS INSTALLATION IS APPROVED
UNDER STC# SA01714WI APPROVED MODEL LIST. UNIT TESTED AND INSPECTED I/A/W FAR
91.413 FOUND SATISFACTORY. AN FAA APPROVED FLIGHT MANUAL SUPPLEMENT FOR
THE GTX 335 ADSB TRANSPONDER HAS BEEN ISSUED FOR THIS AIRCRAFT. NO CHANGES
IN WEIGHT AND BALANCE.

Mark B. Alicandro

MARK B. ALICANDRO

AP3473790IA

LOGBOOK ENTRY: *SENECA N220TG Hobbs 1787.1*
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. *90419* DATE *Sept 04, 2019*

SIGNATURE

Mark B. Alicandro

INSP

MBC

TROPIC RADIO INC. 2695 N.W. 56th ST. HANGER 53-A

FT. LAUDERDALE FL. 33309 FAA APPROVED REPAIR STATION # RZ4R510M

FT. LAUDERDALE EXECUTIVE AIRPORT*ARCHER RAMP*

TELEPHONE # 954-776-4030

WWW.TROPICRADIO.COM

GTX 335 S/N 3EE021110

A/C FOUND ADSB COMPLIANT

CERTIFICATION EXPIRES ON

Sept 30, 2021

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MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
8543-08-2019



Premier Aircraft Service, Inc.

5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 9/4/2019
A/C TSN: 1787.1
HOBBS: 1787.1

Airframe Entries

(2) SERVICED A/C SYSTEM WITH FREON IAW PIPER PA34-220T MM CH 21-50. GROUND RUN CHECKED GOOD.
(5) INSPECTED G4 WIRING AND SYSTEM POWER AND GROUNDS. CLEANED RIGHT ENGINE GROUND STRAPS AND
TERMINALS. SYSTEM WIRING CHECK OK, NO FAULTS NOTED. PERFORMED G4 INSTRUMENT SW UPDATE FROM
VER.145 TO VER.208 G4 GROUND CHECK NORM.REF GEM. INSTALLATION MANUAL No.070906 REV. 1.5

DATE: 9/4/2019

SIGNED:

Work Order: 8543-08-2019

Dennis Allard, A&P: 3808264

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Southern Pride Aviation

10/01/2020 N220TG S/N 3449265 Hobbs: 1821.3 Performed a 100hr inspection IAW Piper PA34 MM. Removed all exterior access panels. Removed interior. Placed acft on jacks. Performed ldg gear extensions and retractions. Performed emergency extension with no faults noted at this time. Removed brake assy's. Removed wheel assy's and repacked wheel bearings. Reinstalled wheel assy's and brake assy's. Removed acft from jacks. Lubed acft as required. Replaced R/H nav lite. Checked and tested ELT battery. Battery due 5/2021. AD's C/W thru 10/1/2020. I certify that this airframe has been inspected and has been found to be in an airworthy condition-END-

Ken A. Boynton A&P 264519426

10/1/2020

YEAR
20
DATE

MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: 220TG
WORK ORDER:
8597-09-2019



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 10/22/2019
A/C TSN: 1796.7
HOBBS: 1798.7

Alterations

Number of
specific entries.)

Airframe Entries

- (2) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW 14 CFR PART 43, APPENDIX "D" USING PA34-220T MM INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 5/2021. ADs CHECKED THROUGH CURRENT ON ATP.
- (9) C/W AD 2005-13-16 NLG INSPECTION IAW PART(2) AND SB 1123C CHECKLIST.
- (10) C/W AD 2004-25-16R1 HEATER FUEL REGULATOR SHUTOFF VALVE VISUAL INSP. NO DEFECTS NOTED AT THIS TIME.
- (11) C/W AD 2013-02-13 HORIZONTAL STABILATOR CONTROL SYSTEM INSP IAW SB 1245. NO DEFECTS NOTED AT THIS TIME.
- (12) C/W AD 84-26-02 PAPER INDUCTION AIR FILTER LEFT ENG. INSTALLED NEW AIR FILTER P/N 460-632.
- (13) C/W AD 84-26-02 PAPER INDUCTION AIR FILTER RIGHT ENG. INSTALLED NEW AIR FILTER P/N 460-632.
- (14) C/W ANNUAL REPLACEMENT OF INSTRUMENT VACUUM AIR FILTERS. INSTALLED NEW RAB3-5-1 AND RAD9-18-1 IAW PA34-220T MM CH 37-00-00.
- (15) C/W ANNUAL INSPECTION OF PROP DE-ICE BRUSH BLOCKS. REPLACED RH PROP DE-ICE BRUSH ASSY WITH NEW P/N 3E2011-1 IAW PA34-220T MM CH 30-60-00.
- (16) PERFORMED 406 ELT OPS CHECK IAW FAR 91.207-D ON ELT P/N 453-6603 S/N 188-06466. BATT EXP: MAY/2021. HEX ID: ADCC406508002F1. OPS CHECKED GOOD.
- (17) C/W ASPEN EFD-1000 ICA IAW DOC NO. 900-00012-001-Y. REPLACED BACK UP BATTERY WITH NEW P/N 409-00003-001.
- (18) C/W MID CONTINENT STD-BY INSTRUMENT ICA IAW DOC NO. 9015762. NO DEFECTS NOTED AT THIS TIME.
- (21) ADJUSTED LH ALTERNATOR BELT TENSION IAW PA34-220T MM CH 24-30-00.
- (22) REPLACED LH ENG AIR FILTER HOUSING TO TURBO SCAT DUCT WITH NEW P/N SCAT11 AS REQUIRED.
- (26) REPLACED RH WING INBD FUEL SENDER GASKET WITH NEW P/N 755-049 IAW PA34-220T MM CH 28-40-00.
- (29) TIGHTENED NLG SCISSOR UPPER ATTACH BOLT AND RE SECURED IAW AC43.13-1B CH 7.

2 of 2

- (30) REPLACED NLG UP LIMIT STOP ASSY WITH NEW P/N 37970-005 IAW PA34-220T MM CH 32-20-00.
- (31) REPLACED RUDDER TRIM TAB ACTUATOR ROD-END BOLT AND NUT WITH NEW IAW AC43.13-1B CH 7.

I CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 10/22/2019

SIGNED:

Emmanuel Vicioso, IA: 3708718

Work Order: 8597-09-2019

Printed by EBis 3 (datcomedia.com)

Iterations
Number of
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FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

*I certify that this airframe has
been inspected IAW an annual
inspection and found to be in
an airworthy condition. AD's checked
thru this date 10/1/2020. Bi-
weekly # 2020-20*

I.A. # 3122678 Roy S. Plackis

Roy S. Plackis

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: N220TG
WORK ORDER:
BA-00712-11-2020

Bartelt Aviation, Inc.
1301 West Lafayette Street
Sturgis, MI 49091
Phone: 269-651-5431

DATE: 12/8/2020
A/C TSN: 1836.8
HOBBS: 1836.8

Airframe Entries

Adhered RH Wing De-Ice Boot @ top outboard trailing edge. Sealed w/ Goodrich de-icer conductive cement.... Removed Oxygen Bottle & Regulator Assembly from aircraft. (Note: Bottle Life Limit Exceeded. No record of Regulator Test/ Certification). Oxygen System Inoperative at this time. Replacement Components on order. See POH for Weight & Balance (Temporary) Revisions.... Installed Seat Stops on Pilot & Co-Pilot Seats.... CW 30 Day Fire Extinguisher Inspection. Ok for continued use.... Installed new Mid Continent St-By Horizon Battery P/N 9015607. Mfg date 11/2020. Replacement due 11/2023.... Cleaned & Installed new anti-slip material on Cockpit Entry Step.... AD 2020-24-09 Rudder Flight Control Cables. Not applicable by Serial Number. No action needed.... Adjusted main strut extension per MM.

Maintenance Release

The aircraft and/or component(s) on N220TG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. BA-00712-11-2020, Dated 12/8/2020.

DATE: 12/8/2020

SIGNED: 

Work Order: BA-00712-11-2020

Larry E. Russell, IA: 3531609

Printed by EBis 3 (datcomedia.com)

1 of 1



EMERGENCY BATTERY REPLACEMENT

Affix this label in aircraft logbook

Recommended battery replacement 3 years from date of manufacture. Order replacement battery from Mid-Continent Instruments and Avionics at (800) 821-1212.

Date of Manufacture: 11/2020

2-10-21 N220TG Hobbs 1847.4

Removed Fuel Pumps from right and left engines and had overhauled by Aircraft Accessories of Oklahoma. Reinstalled left P/N 2B6-88 S/N 3AU34 and right PN2B6-88 S/N 3AT29. Pumps tested no leaks found.

Kevin Anderson

3306875 A&P



MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: N220TG
WORK ORDER:
BA-00712-11-2020

Bartelt Aviation, Inc.
1301 West Lafayette Street
Sturgis, MI 49091
Phone: 269-651-5431

DATE: 3/3/2021
A/C TSN: 1848.8
HOBBS: 1848.8

Airframe Entries

Installed (2ea) P/N 587-368 Stabilator Cable Springs.... Removed oxygen assembly p/n 895-23077 for oxygen cylinder replacement and regulator overhaul. Reinstalled oxygen assembly p/n 895-23077, s/n 48917 / 877 after Cylinder replacement and regulator overhaul. (See C&L Aero 8130-3 Form Tracking Number 20-12326 dated 12/30/2020). Next Hydro due 12/2025 (New Cylinder Expires 08/2035). Serviced Oxygen and performed leak check.

Maintenance Release

The aircraft and/or component(s) on N220TG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. BA-00712-11-2020, Dated 3/3/2021.

DATE: 3/3/2021

SIGNED: 

Work Order: BA-00712-11-2020

Larry E. Russell, IA: 3531609

Printed by EBis 3 (datcomedia.com)

1 of 1



www.beaconregistration.noaa.gov

Exp.: 03/06/2023

ADCC4 06508 002F1

If activated, call the AFRCC at

1-800-851-3051

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAYDAY
AVIONICS INC

4151 Aviator Way, Suite 2
Grand Rapids, MI 49512
(616) 957-4920

www.maydayavionics.com

DATE	9-21-2021	S.O.	63827
MAKE	Piper	N#	N220TG
MODEL	PA-34-220T	S/N	3449265
HOURS	1886.3		

Repaired static system leaks and performed system leak check – no discrepancies noted.
 o Work performed referencing AC 43.13-1B, Chapter 12, Section 4.

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

FOR FAA CRS YXXR387Y

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAYDAY
AVIONICS INC

4151 Aviator Way, Suite 2
Grand Rapids, MI 49512
(616) 957-4920

www.maydayavionics.com

DATE	9-21-2021	S.O.	63827
MAKE	Piper	N#	N220TG
MODEL	PA-34-220T	S/N	3449265
HOURS	1886.3		

The following altimeter and altitude reporting equipment test and inspections required by FAR 91.411 IAW FAR Part 43, Appendix "E" have been performed:

The ATC Transponder tests and inspections required by FAR 91.413 IAW FAR Part 43, Appendix "F" have been performed:

Paragraph (a) Static Pressure System:
Certification Date: 9-21-2021

Transponder Certification Date: 9-21-2021

Pilot (#1): ☒ Copilot: ☐ Standby: ☐

#1 Model:	P/N:	S/N:
GTX 335	011-03300-00	3EE021110
#2 Model:	P/N:	S/N:

Paragraph (b) Altimeter:

SYSTEM	PART NUMBER	SERIAL NUMBER	TESTED TO:
#1 Altimeter	EFD1000	13826	25,000 ft.
#1 Encoder	SSD120-30N	N15818	25,000 ft.
Standby Altimeter	5934PAD-3A	424332	25,000 ft.

Paragraph (c) Automatic Pressure Altitude Reporting Equipment and ATC Transponder System Integration Test:

#1 System ☒ #2 System ☐ Certification Date: 9-21-2021

FOR FAA CRS YXXR387Y

DATE: 9-21-2021

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: N220TG
WORK ORDER:
BA-00770-10-2021

Bartelt Aviation, Inc.

1301 West Lafayette Street
Sturgis, MI 49091
Phone: 269-651-5431

DATE: 11/18/2021
A/C TSN: 1895.2
HOBBS: 1895.2

Airframe Entries

Complied with Annual/100hr Inspection per guidelines of the PA-34-220T Inspection Report. C/W 100hr Seat Belt & Shoulder Harness Restraint System Inspection per MM 25-10-00. C/W 100hr Wing Rear Spar Attach Fittings Inspection per MM 53-20-00. C/W 100hr Control System Inspections per MM 27-00-00. C/W 100hr Hyd Power Unit Fluid Level Check. C/W 100hr Torque of Aft Wing Attachment Bolts per MM 57-40-00. C/W 100hr Fuel Filter Bowls Cleaning & Inspection. C/W 100hr Landing Gear Operational Checks. C/W 100hr Landing Gear Lubrication Items per MM 12-20-00. C/W 100hr Wheel Bearings Cleaning, Inspection, Repacking. C/W 100hr Nose Landing Gear, Cleaning, Inspection per MM 32-20-00. C/W 100hr Landing Gear Emergency Extension Operation. Serviced Aircraft Battery. Replaced Vacuum Regulator Filters. C/W 100hr AC Evaporator Filter Cleaning. C/W 100hr Brake Res Service. C/W 100hr Inspection of Stabilator Attach Fittings Inspection.... C/W 12 month ELT Inspection and Function Test IAW FAR91.207.... C/W Piper Service Bulletin 1161B Rib Assembly Inspection Aft Wing WS 49.25, Part II(100hr) Visual Inspection. No cracks noted at this time.... C/W Piper Service Bulletin 1242A Rudder Pedal Assembly Inspection (Visual).... C/W AD 2004-25-16 Heater Shutoff Valve Inspection (Due every 100hrs).... Installed new Inboard Lift Detector P/N 548-895, Serial No. 164726-08.... Replaced Center Cabin Floor foam supporting material with Divinycell H45 PVC Foam P/N 01-12400 using EL-319 Adhesive. Installed missing Center floor spacers p/n 95061-008 as needed.... Retorqued Left Main Gear Trunion Fwd Support Hardware. Verified Torque on Right Main Gear Trunion Fwd Support.... Torqued Both Main Gear Down Lock Hooks attachment hardware as needed.... Installed new Main Tires (2ea) Goodyear Flight Custom III P/N 606C86-6, New Main Tire Tubes (2ea) Michelin P/N 092-500-0. C/W 100hr Wheel Bearings Cleaning, Inspection, Repacking. All work in accordance with MM Chapter 32.... Retorqued all Fuel Sender Mounting Hardware.... Installed new (2ea) Cleveland Brake Disc P/N 164-21600, (8ea) Cleveland Linings P/N 066-06200. All work in accordance with

1 of 2

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MM Chapter 33.... Adjusted Rudder Trim Cable Tension per Piper PA-34-220T MM Chapter 27-00-00.... Adjusted Stabilator Trim Cable tensions per Piper PA-34-220T MM Chapter 27-00-00.... Installed new (2ea) P/N 452-448 Bearings, (2ea) P/N CA67026-007 Bushings, (2ea) P/N 691-315 Bolts, (2ea) AN310-5 Nuts on Nose Gear Torque Links.... Installed new P/N 455-0012 ELT Battery. (Battery Expiration Date Feb 2029)... C/W 12 Month Mid Continent STD-BY Instrument ICA Doc No. 9015762. C/W 12 Month Tanis Engine Pre-Heat System Visual and Functional System Checks per ICA TCA1000 Rev A, on both Left and Right Engines.... Installed new Heat Shielding Material p/n 189-446 on Both Lower Cowlings as needed.... C/W AD 2005-13-16 Nose Gear Inspection 100hr Items per Piper Service Bulletin 1123C. C/W 500hr Nose Drag Link Bolt Replacement, New (1ea) AN7-354 Bolt, (1ea) AN960-716L Washer, (1ea) AN960-716 Washer, (1ea) AN320-7 Nut, (1ea) MS24665-302 Cotter Pin. (Next Bolt Replacement due at 2395.2 hrs).

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 11/18/2021

SIGNED:

Larry E. Russell, IA: 3531609

Work Order: BA-00770-10-2021

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ACR ELECTRONICS, Inc.
ARTEX PRODUCTS - CAGE Code: 18560
Fort Lauderdale, FL 33312
ME406 LITHIUM BATTERY PACK MnO2
PART NO: 452-6499 REV: F
TSO C126 S.N.:393334-048
EXPIRATION DATE: Feb /2029 DO-227
ENV CAT 01XBC[204][204]XRXXXXZAZZ[204]H[XXXX]XXX

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE: Piper
MODEL: PA-34-220T
S/N: 3449285
REG. NO: N220TG
WORK ORDER:
BA-00888-02-2023

Bartelt Aviation, Inc.

1301 West Lafayette Street
Sturgis, MI 49091
Phone: 269-851-5431

DATE: 8/28/2023
A/C TSN: 1943.2
HOBBS: 1943.2

Airframe Entries

Complied with Annual/100hr Inspection per guidelines of the PA-34-220T Inspection Report. C/W 100hr Seat Belt & Shoulder Harness Restraint System Inspection per MM 25-10-00. C/W 100hr Wing Rear Spar Attach Fittings Inspection per MM 53-20-00. C/W 100hr Control System Inspections per MM 27-00-00. C/W 100hr Hyd Power Unit Fluid Level Check. C/W 100hr Torque of Aft Wing Attachment Bolts per MM 57-40-00. C/W 100hr Fuel Filter Bowls Cleaning & Inspection. C/W 100hr Landing Gear Operational Checks. C/W 100hr Landing Gear Lubrication Items per MM 12-20-00. C/W 100hr Wheel Bearings Cleaning, Inspection, Repacking. C/W 100hr Nose Landing Gear, Cleaning, Inspection per MM 32-20-00. C/W 100hr Landing Gear Emergency Extension Operation. Serviced Aircraft Battery. Replaced Vacuum Regulator Filters. C/W 100hr AC Evaporator Filter Cleaning. C/W 100hr Brake Res Service. C/W 100hr Inspection of Stabilator Attach Fittings Inspection.... C/W 12 month ELT Inspection and Operational Function Test per FAR91. 207(d).... C/W AD 2004-25-16 Heater Shutoff Valve Inspection (Due every 100hrs).... C/W AD 2005-13-16 Nose Gear Inspection per Piper Service Bulletin 1123D Table 1 Scheduled Maintenance 50hr & 100hr Inspection Items.... C/W Piper Service Bulletin 1242A Rudder Pedal Inspection (Due every 100hrs).... C/W Piper Service Bulletin 1244C Aft Wing Attach Fitting Inspection (Visual). Due every 100hrs.... Installed new (2ea) P/N 566-463 Fuel Flex Hoses on LH & RH Fuel Selector Valve Assemblies. Serviced and cleaned LH & RH Fuel Selector Valve Filter Screens. Reinstalled new (2ea) P/N 751-898 Gaskets.... Applied adhesive sealant as needed on De-Ice Boot Edge areas. Applied PBS De-Ice Boot Sealant to Wing and Tail De-Ice Boots.... Performed minor paint touch on LH & RH Engine Mounts.... Installed Heat Shielding Material as needed around LH & RH TIT Probes.... C/W 12 Month Tanis Heater System ICA Inspection on both engines.... C/W Gill Battery ICA Capacity Test (Test results 82%). Serviced and Charged Battery per Mfg Instructions.... Installed Overhauled Tempest Dry Air Pump Part No. AA442CW Serial No.13TD05 (Right

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Engine Position) and Part No. AA441CC Serial No.13ED06 (Left Engine Position).

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 8/28/2023

SIGNED:

Larry E. Russell, IA: 3531609

Work Order: BA-00888-02-2023

Printed by EBIS 3 (datcomedia.com)

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAYDAY
AVIONICS INC

4151 Aviator Way, Suite 2
Grand Rapids, MI 49512
(616) 957-4920

www.maydayavionics.com

DATE	9-12-2023	S.O.	65411
MAKE	Piper	N#	N220TG
MODEL	PA-34-220T	S/N	3449265
HOURS	1950.2		

The following altimeter and altitude reporting equipment test and inspections required by FAR 91.411 IAW FAR Part 43, Appendix "E" have been performed:

Paragraph (a) Static Pressure System:
Certification Date: 9-12-2023

Pilot (#1): ☒ Copilot: ☐ Standby: ☐

Paragraph (b) Altimeter:

SYSTEM	PART NUMBER	SERIAL NUMBER	TESTED TO:
#1 Altimeter	EFD1000	13826	25,000 ft.
#1 Encoder	SSD120-30N	N15818	25,000 ft.
Standby Altimeter	5934PAD-3A	424332	25,000 ft.

Paragraph (c) Automatic Pressure Altitude Reporting Equipment and ATC Transponder System Integration Test:

#1 System ☒ #2 System ☐ Certification Date: 9-12-2023

The ATC Transponder tests and inspections required by FAR 91.413 IAW FAR Part 43, Appendix "F" have been performed:

Transponder Certification Date: 9-12-2023

#1 Model:	P/N:	S/N:
GTX 335	011-03300-00	3EE021110
#2 Model:	P/N:	S/N:

FOR FAA CRS YXR387Y

DATE: 9-12-2023

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAYDAY
AVIONICS INC

4151 Aviator Way, Suite 2
Grand Rapids, MI 49512
(616) 957-4920

www.maydayavionics.com

DATE	9-28-2023	S.O.	65411
MAKE	Piper	N#	N220TG
MODEL	PA-34-220T	S/N	3449265
HOURS	1956.1		

Replaced the internal backup battery with new battery, P/N 409-00003-001, S/N 232600013 for the Aspen EFD1000 PFD, S/N 13826 IAW Section 11 & 14 of the EFD1000 ICA, Doc. No.: 900-00012-001, Rev AG.

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

FOR FAA CRS YXR387Y

YEAR
20
DATE

MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: N220TG
WORK ORDER:
BA-00992-06-2024

Bartelt Aviation, Inc.
1301 West Lafayette Street
Sturgis, MI 49091
Phone: 269-651-5431

DATE: 7/9/2024
A/C TSN: 2003.9
HOBBS: 2003.9

s and Alterations
ertificate Number of
ther specific entries.)

Airframe Entries

Installed new (1ea) RH Curtis Fuel Sump Drain P/N SA187 (Center Position).

Maintenance Release

The aircraft and/or component(s) on N220TG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. BA-00992-06-2024, Dated 7/9/2024.

DATE: 7/9/2024

SIGNED: 

Work Order: BA-00992-06-2024

Larry E. Russell, IA: 3531609

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1 of 1

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

MAKE: Piper
MODEL: PA-34-220T
S/N: 3449265
REG. NO: N220TG
WORK ORDER:
BA-01018-09-2024

Bartelt Aviation, Inc.
1301 West Lafayette Street
Sturgis, MI 49091
Phone: 269-651-5431

DATE: 10/10/2024
A/C TSN: 2006.6
HOBBS: 2006.6

Airframe Entries

Complied with Annual/100hr Inspection per guidelines of the PA-34-220T Inspection Report. C/W 100hr Seat Belt & Shoulder Harness Restraint System Inspection per MM 25-10-00. C/W 100hr Wing Rear Spar Attach Fittings Inspection per MM 53-20-00. C/W 100hr Control System Inspections per MM 27-00-00. C/W 100hr Hyd Power Unit Fluid Level Check. C/W 100hr Torque of Aft Wing Attachment Bolts per MM 57-40-00. C/W 100hr Fuel Filter Bowls Cleaning & Inspection. New 2ea P/N 751-898 Gaskets & 2ea P/N 757-255 O-Rings in Fuel Filter Bowls. C/W 100hr Landing Gear Operational Checks. C/W 100hr Landing Gear Lubrication Items per MM 12-20-00. C/W 100hr Wheel Bearings Cleaning, Inspection, Repacking. C/W 100hr Nose Landing Gear, Cleaning, Inspection per MM 32-20-00. C/W 100hr Landing Gear Emergency Extension Operation. Replaced Vacuum Regulator Filters (2ea) P/N RAB3-5-1. C/W 100hr Brake Res Service. C/W 100hr Inspection of Stabilator Attach Fittings Inspection.... C/W 12 month ELT Inspection and Operational checks per FAR91.207 (d). ELT Battery exp. Feb. 2029... C/W AD 2004-25-16 Heater Shutoff Valve Inspection. Due every 100hrs.... C/W AD 2005-13-16 Nose Gear Inspection (e) (2) Scheduled 50hr & 100hr Inspection Items, Rev Piper Service Bulletin 1123A.... C/W Piper Service Bulletin 1242A Rudder Pedal Inspection.... C/W Piper Service Bulletin 1244C Wing Attach Fitting Inspection (Visual). Due every 100 hours.... Performed Piper SL 1327A visual inspection of wing skin pans. No cracks noted.... Installed new P/N 9015607 Mid-Continent Standby Horizon Battery. Mfg Date Sept 2024. Next replacement due Sept 2027, operational function check good.... Installed new P/N 02-0250276-00 Flash Tube in Vertical Fin Strobe.... Removed Gill G-247 Battery (Serial No. G03015300). Installed new Gill G-247 Battery (Serial No. G03237417).... C/W 12 month ICA Inspection on Tanis Heater Systems.... Replaced Left and Right Inboard Fuel Sender Gasket (2ea) p/n 755-049.

1 of 2

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 10/10/2024 SIGNED:  Work Order: BA-01018-09-2024
 Larry E. Russell, IA: 3531609 Printed by EBis 3 (datcomedia.com)

EMERGENCY BATTERY REPLACEMENT
 Affix this label in aircraft logbook
 Recommended battery replacement 3 years from date of manufacture. Order replacement battery from Mid-Continent Instruments and Avionics at (800) 821-1212.
 Date of Manufacture: **9/2024**

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAKE: Piper
 MODEL: PA-34-220T
 S/N: 3440285
 REG. NO: N220TG
 WORK ORDER:
 BA-01047-02-2025

Bartelt Aviation, Inc.
 1301 West Lafayette Street
 Sturgis, MI 49091
 Phone: 269-651-5431

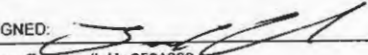
DATE: 8/7/2025
 A/C TSN: 2030.7
 HOBBS: 2030.7

Airframe Entries

Inspected Hobbs Meter Recording System. Removed and reinstalled Hobbs Meter after bench check. No issues noted. Checked Oil Pressure Switch operation. No defects noted at this time. Installed new Part No. 461-659 Fuse. Installed 1ea Part No. 461-659 Fuse (Spare) on Battery Bus. Performed ground operational runs, system checks ok at this time.... Evacuated AC System. Installed new Part No. 602-682 Receiver/Dehydrator, (2ea) Part No. 485-197 O-Rings. Serviced System with R134 per MM. Performed ground operational check of system. All functions normal at this time.

Maintenance Release

The aircraft and/or component(s) on N220TG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. BA-01047-02-2025, Dated 8/7/2025.

DATE: 8/7/2025 SIGNED:  Work Order: BA-01047-02-2025
 Larry E. Russell, IA: 3531609 Printed by EBis 3 (datcomedia.com)

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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4151 Aviator Way, Suite 2
Grand Rapids, MI 49512
(616) 957-4920

www.maydayavionics.com

DATE	9-25-2025	S.O.	67094
MAKE	Piper	N#	N220TG
MODEL	PA-34-220T	S/N	3449265
HOURS	2032.2		

Performed altitude calibration per Aspen Tech Note # TN2009-09 Rev G. No discrepancies noted.

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

FOR FAA CRS YXXR387Y

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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4151 Aviator Way, Suite 2
Grand Rapids, MI 49512
(616) 957-4920

www.maydayavionics.com

DATE	9-25-2025	S.O.	67094
MAKE	Piper	N#	N220TG
MODEL	PA-34-220T	S/N	3449265
HOURS	2032.2		

The following altimeter and altitude reporting equipment test and inspections required by FAR 91.411 IAW FAR Part 43, Appendix "E" have been performed:

The ATC Transponder tests and inspections required by FAR 91.413 IAW FAR Part 43, Appendix "F" have been performed:

Paragraph (a) Static Pressure System:
Certification Date: 9-25-2025

Transponder Certification Date: 9-25-2025

Pilot (#1): ☒ Copilot: ☐ Standby: ☐

#1 Model: GTX 335	P/N: 011-03300-00	S/N: 3EE021110
#2 Model:	P/N:	S/N:

Paragraph (b) Altimeter:

SYSTEM	PART NUMBER	SERIAL NUMBER	TESTED TO:
#1 Altimeter	EFD1000	13826	25,000 ft.
#1 Encoder	SSD120-30N	N15818	25,000 ft.
Standby Altimeter	5934PAD-3A	424332	25,000 ft.

Paragraph (c) Automatic Pressure Altitude Reporting Equipment and ATC Transponder System Integration Test:

#1 System ☒ #2 System ☐ Certification Date: 9-25-2025

FOR FAA CRS YXXR387Y

DATE: 9-25-2025

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				MAKE: Piper MODEL: PA-34-220T S/N: 3449265 REG. NO: N220TG WORK ORDER: BA-01088-10-2025 Bartelt Aviation, Inc. 1301 West Lafayette Street Sturgis, MI 49091 Phone: 269-551-5431 DATE: 11/24/2025 A/C TSN: 2034 HOBBS: 2034 Airframe Entries Complied with Annual/100hr Inspection per guidelines of the PA-34-220T Inspection Report. C/W 100hr Seat & Belt & Shoulder Harness Restraint System Inspection per MM 25-10-00. C/W 100hr Wing Rear Spar Attach Fittings Inspection per MM 53-20-00. C/W 100hr Control System Inspections per MM 27-00-00. C/W 100hr Hyd Power Unit Fluid Level Check. C/W 100hr Torque of Aft Wing Attachment Bolts per MM 57-40-00. C/W 100hr Fuel Filter Bowls Cleaning & Inspection. New 2ea P/N 751-898 Gaskets & 2ea P/N 757-255 O-Rings in Fuel Filter Bowls. C/W 100hr Landing Gear Operational Checks. C/W 100hr Landing Gear Lubrication Items per MM 12-20-00. C/W 100hr Wheel Bearings Cleaning, Inspection, Repacking. C/W 100hr Nose Landing Gear, Cleaning, Inspection per MM 32-20-00. C/W 100hr Landing Gear Emergency Extension Operation, Replaced Vacuum Regulator Filters (2ea) P/N RAB3-5-1. C/W 100hr Brake Res Service. C/W 100hr Inspection of Stabilator Attach Fittings Inspection. C/W 12 Month ELT Inspection/Operational Checks per FAR91-207 (d). C/W AD 2004-25-16 Heater Shutoff Valve Inspection (due every 100hrs). C/W AD 2005-13-16 Nose Gear Inspection (e) (2) per Piper Service Bulletin 1123D Scheduled 50hr and 100hr Maintenance Items (Table 1). C/W Piper Service Bulletin 1242A (Visual Inspection). No defects noted. C/W Piper Service Bulletin 1244D Aft Wing Attach Fitting Inspection. No defects noted. Performed Piper SL 1327A visual inspection of wing skin pans. No cracks noted. C/W Functional Test of Mid-Continent Standby Horizon. Battery replacement due Sept 2027. Performed Battery visual Inspection and Serviced. C/W 12 month ICA Inspection on Tanis Heater Systems. C/W 100hr Aft Wing Attachment Hardware Torque and Inspection per MM 57-40-00. Removed and reinstalled Oxygen Cylinder & Regulator Assy Part No. 895-23077. Serial No. 48917/877 after Overhaul / Hydrostatic Test. See Form 8130-3 Dated 06/Nov/2025, FTM#25-15436. Next Hydrostatic Due 11/2030. Note: Bottle Expires 08/2035. Serviced System to 1750 psi. Leak checked. Installed new (2ea) P/N RA-B3-5-1 Vacuum Regulator Filters. Installed new Part No.

1 of 2

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				588-206 (Hobbs) Oil Pressure Switch. Removed Part No. 159251-3 Left RPM Indicator, S/N 0214 and Installed serviceable Part No. 159251-3, SN 0213 Left RPM Indicator S/N 0213. Cleaned and applied PBS De-Ice Boot Sealant Protection to De-Ice Boots. C/W AD 2013-02-13 Stabilator Control System Inspection (ref Piper Service Bulletin 1245A. Next Inspection due 7 years or 2000 hours. Cleaned, treated and painted areas of on lower LH stabilator skins. Installed new (2ea) Stabilator Trim Drum Bearings Part No. 452-413. Adjusted Stab Trim Cable Tension to mfg specs. Removed and installed new rivets in rudder trim tab actuator rod attachment fitting. Torqued RH wing inboard fuel sender mounting hardware. No leaks noted after retorqued. Torque and Lubed LH MLG and RH MLG center pivot hardware. Installed new main gear down lock spring attach plates (2ea) p/n 67753-000 on both main landing gear. Installed new Pitot tube p/n 56832-007 s/n AS01187668. Installed new (8ea) Cleveland Part No. 066-06200 Linings. Installed new AN823-4D Hose Elbow Fitting in RH Fuel Selector Valve Bowl. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE: 11/24/2025 SIGNED:  Work Order: BA-01088-10-2025 Larry E. Russell, IA: 3531609 Printed by EBis 3 (dalcomedia.com)

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