

TECNAM SIERRA

N25HV

AIRCRAFT

TECHNICAL RECORD #2

Section 1. AIRFRAME LOG

Dates:

5/1/2019 -

Aero TRANSPORT™ 
www.aerotransport.com

R4.0

AIRCRAFT DATA

1. Nationality & Registration USA N25HV
2. Manufacturer's Designation
(Make & Model) TECNAM P2002 (SIERRA)
3. Manufacturer's Serial
Number 394
4. Type Approval or
Specification Number Aircraft certified per 14 CFR 21.190
5. Date of Manufacture 5/28/2009
6. Aircraft Inspection Cycle _____



Section 1: Airframe Log

N25HV

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DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							

FAR 91.413

THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

TRANSPONDER #1	MAKE: <i>Garmin</i>	MODEL: <i>GTX 327</i>	S/N <i>8373613P</i>
TRANSPONDER #2	MAKE: <i>—</i>	MODEL: <i>—</i>	S/N <i>—</i>
DATE <i>05-01-2019</i>	W/O <i>7039</i>	INSPECTOR: <i>John P. ...</i>	

PF Flyers, Inc.
FAA APPROVED REPAIR STATION # Y3FR325Y

25-June-2019 N25HV Tecnam Sierra S/N 394 Hobbs: 613.6
 C/W Annual/100 Hour Condition Inspection. C/W 1-Year ELT Inspection I/A/W FAR91.207d, Batteries Expire: December 2021. Checked all Tecnam Aircraft service bulletins for compliance. Removed bad rivnuts from AFT wing root LT/RT side and replaced with new. Removed and replaced LH wheel fairing bracket with new (COP). C/W SB-15LSA Float Fuel Quantity Sender Inspection - on inspection found LT/RT floats "bad" floats were over crimped. Removed LT/RT fuel quantity sender floats and replaced with new (COP). P/C/W SB-16-UL Exhaust Pipe Reinforcement. C/W SB17-LSA MLG Bolt Torque Inspection to 217 in lbs - checked OK. P/C/W SB No. 19-UL Wing Cap Inspection. C/W SB-035UL Stabilator trim tab hinge inspection - no discrepancies noted. Crimped 4 of 6 rivnuts on LH wheel pant to spec and replaced 2 bad rivnuts with new. Replaced strobe rocker switch with new - OP's checked good. I certify this aircraft has been inspected I/A/W Tecnam inspection and maintenance procedures and was found to be in a condition for safe operation. All work completed I/A/W Tecnam M/M. Pertinent details can be found on file @ Lockwood Aviation Repair Under WO11964.
 Signature: *Joseph A. Benton* Joseph A. Benton, A&P 3138153

N25HV

25 July 2019

W/O# SFA19-141

Advanced Flight Systems

In for maintenance. Removed Avidyne-PFD for owner to send out for repair. Received PFD after repair and installed. Operational checks complete.

Douglas E Rupp DRS01

Douglas E Rupp

Swamp Fox Avionics, LLC FAA CRS 8FXR273D
 Lowcountry Regional Airport (KRBW)
 373 Aviation Way Walterboro, SC 29488
 info@swampfoxavionics.com

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Section 1: Airframe Log

N25HV

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CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station. QCCR389K
 Altimeter Scale Error
 Correction Card

TEST PT(FT)	Indicator Reading at +25c	TEST	Indicator Reading at +25c
-1,000	990	30,000	
0	10	35,000	
500	510	40,000	
1,000	1000	45,000	
1,500	1500	50,000	
2,000	2000	55,000	
3,000	3000	60,000	
4,000	4000	70,000	
6,000	6000	80,000	
8,000	8000		
10,000	10,000		
12,000	12,000		
14,000	14,000		
16,000	15990		
18,000	17990		
20,000	19990		
22,000			
25,000			

Altimeter Position
 Pilot
 Copilot

ALT. S/N 5Q2001733
 DATE 13 AUG 2020

DOC# ECC123

CYCLES

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

FAR 91.411

ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43

ALTIMETER CERTIFIED TO

LEFT	FEET	RIGHT	FEET
GSU 25C	20K	5934PM-3	20K
S/N: 5Q 2001733		S/N: 396 484	
DATE: 13 AUG 2020		W/O: 9578	
		INSPECTOR: <i>Nary J...</i>	

CAROLINA AVIONICS GROUP, LLC
 FAA APPROVED REPAIR STATION # QCCR-389K

FAR 91.413

THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

TRANSPONDER #	MAKE	MODEL	S/N
#1	GARMIN	GTX35R	4YB020306
#2			

DATE: 13 AUG 2020 W/O: 9578 INSPECTOR: *Nary J...*

CAROLINA AVIONICS GROUP, LLC
 FAA APPROVED REPAIR STATION # QCCR-389K

Carolina Avionics Group, LLC 3650 Airport Loop Road Salisbury, NC 28147
 LOG ID# 885 13-August-2020
 N25HV S/N 394 TECNA P2002 Sierra TACH 650.1 Pg 1 / 1

Installation of Garmin G3x. System components included, GDU 450, GTX 35R, GMA 245, GAP 26, GAD 27, GDL 50R, GSU 25C, GMU 11, GPS 20A with GA 26c GPS antenna connected to GDU 450, and GA 36 GPS/WAAS antenna connected to GPS 20A. Installed new audio panel GMA 245 per Garmin installation manual 190-01879-11. Reference Equipment list for part number, serial number and weights.

The G3x system and components were installed, and interfaced, in accordance with Garmin installation manual 190-01115-01 Rev. AM. GTX 35R was installed in accordance with Garmin installation manual 190-01499-10. "The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR section 91.227".

GAP 26 AOA requires In-flight Calibration to be performed by Pilot/owner.

Removed the following equipment:

EFIS Display	PN: AF-3400SEF-R	SN: 61123
GTX 327	PN: 011-00490-00	SN: 83736138
AV-GPS antenna	PN: AV-GPS	SN: NSN
ADS600B UAT	PN: 200-12-00-00	SN: 9628
PM3000	PN: 11931A	SN: E06410-A
AHRS unit	PN: 72010R2	SN: 1217

Operational checks and configuration procedures performed and found to be satisfactory. Aircraft was weighed and equipment list updated. Electrical load analysis remains below 80%.

8-13-2020 *Nary J...* AP # 3548069
 Date

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N25HV



3330 Airport Loop Road
Salisbury, NC 28147
southtecaviation.com

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

Date: AUGUST 14, 2020 | TECNAM | P2002 SIERRA | S/N: 394 | REG: N25HV
Tach: 649.8 HRS. TTAF: 649.8 HRS.

PERFORMED CONDITION INSPECTION IN ACCORDANCE WITH P2002 SIERRA MAINTENANCE MANUAL. ELT INSPECTED PER FAR 91:207(d). BATTERY DUE DATE: DEC 2020. INSPECTED BRAKES AND ROTORS, FOUND TO BE IN GOOD USE. CLEANED & SERVICED LEFT AND RIGHT AIR FILTERS, REINSTALLED. PAINTED PITOT GRETZ BRACKET AND INSTALLED, P/N: (10-01820). INSTALLED 2 STATIC PORT KITS, P/N: (15165). REMOVED AND REPLACED LANDING LIGHT COVER, P/N: (22-1-666-1). REMOVED AND REPLACED SEAT STOP SCREWS. REPLACED ELECTRIC TRIM ACTUATOR, P/N: (T2-10A). SERVICED WHEEL BEARINGS. REPLACED RIGHT SIDE ABS POCKET DOOR, P/N: (22-12-118-002). RETORQUED PROPELLER BOLTS.

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A CONDITION INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

ARTEM GONCHAROV

A&P 4167681



3330 AIRPORT LOOP
SALISBURY, NC 28147
INFO@SOUTHTECAVIATION.COM
OFFICE: (704)-431-6862

DATE: JULY 28, 2021 | TECNAM | P2002 SIERRA | S/N: 394 | REG: N25HV
TACH: 716.2 HRS. TTAF: 716.2 HRS.

PERFORMED CONDITION INSPECTION IN ACCORDANCE WITH P2002 SIERRA MAINTENANCE MANUAL.

ELT INSPECTED PER CFR 91:207(D). BATTERY EXP: **DEC 2021**
INSPECTED & SERVICED LEFT AND RIGHT AIR FILTERS, REINSTALLED. SERVICED WHEEL BEARINGS.
REPLACE MLG BRAKE LININGS, P/N:(010203209)
REPLACED MLG ROTORS, P/N:(010102107)
REPLACED BRAKE ROTOR BOLTS AND WASHERS, P/N:(010102112).
RELOCATED PARACHUTE HANDLE TO CO-PILOT SIDE.
ADJUSTED NLG CENTERING SPRINGS.
RETORQUED PROPELLER BOLTS.

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A CONDITION INSPECTION AND WAS DETERMINED TO BE IN CONDITION FOR SAFE OPERATION.

RONALD HOY

A&P 4183986

Carolina Avionics Group, LLC 3650 Airport Loop Road Salisbury, NC 28147
LOG ID# 905 17-August-2021 HOBBS 716.2
N25HV S/N 394 COSTRUZIONI AERONAU P2002 SIERRA

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Removed Trio Avionics Autopilot computer for repair. PN:PPR180 LXVU SN: 180LXVU. INSTALLED LOANER UNIT PN:PPR2010010717LXV, SN: 717LXV.
PERFORMED GROUND CHECKS AND FOUND TO BE GOOD.

8-19-2021 AP #3548069 *[Signature]*

Date

Section 1: Airframe Log

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DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
8/12/22			766	4			Installed New Odyssey Batteries Model ODS-AGM16L S/N 35241 14099 <i>Walt Wan</i>

FAR 91.413

THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F AND APPENDIX E PARAGRAPH C.

TRANSPONDER #1	MAKE: <i>Garmin</i>	MODEL: <i>GTX35R</i>	S/N: <i>4YB020306</i>
TRANSPONDER #2	MAKE:	MODEL:	S/N:
DATE: <i>9-15-2022</i>	WO: <i>10864</i>	INSPECTOR: <i>Richard Ellington</i>	

CAROLINA AVIONICS GROUP, LLC
N25HV FAA APPROVED REPAIR STATION # QCCR-389K

FAR 91.411

ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43

ALTIMETER CERTIFIED TO

LEFT	FEET	RIGHT	FEET
	<i>14,000</i>		<i>14,000</i>
S/N:	<i>5Q2001733</i>	S/N:	<i>396484</i>
DATE: <i>9-15-2022</i>	WO: <i>10864</i>	INSPECTOR: <i>Richard Ellington</i>	

CAROLINA AVIONICS GROUP, LLC
N25HV FAA APPROVED REPAIR STATION # QCCR-389K



3330 AIRPORT LOOP
SALISBURY, NC 28147
INFO@SOUTHTECAVIATION.COM
OFFICE: (704)-431-6862

DATE: September 19, 2022 | TECNAM | P2002 SIERRA | S/N: 394 | REG: N25HV
TACH: 771.8 HRS. TTAF: 771.8 HRS.

PERFORMED CONDITION INSPECTION IN ACCORDANCE WITH P2002 SIERRA MAINTENANCE MANUAL.

- ELT INSPECTED PER CFR 91:207(D). BATTERY EXP: **Sept. 2027**
- INSPECTED & SERVICED LEFT AND RIGHT AIR FILTERS, REINSTALLED. SERVICED WHEEL BEARINGS.
- Replaced elevator push rod rubber bushing.
- Installed new Vista Vent on Canopy for pilot ventilations.
- RETORQUED PROPELLER BOLTS.
- Inspected propeller no faults at this time.

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH Part 43, Appendix D for a CONDITION INSPECTION AND WAS DETERMINED TO BE IN CONDITION FOR SAFE OPERATION.

Glenn M. Lawler
Glenn M. Lawler

AP2151929IA

797.3 Tach

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

6/24/23 Removed B&N Transducer GTN 352R P/N 011-09286-00
S/N 44B020306 and returned to Garmin. Replaced with
Rehabbed unit P/N 011-09286-00 S/N 44B000363 *DalHwan*

9/4/2023 N25HV Hour Meter Reads 803.3 Annual Condition
Inspection per Tecman Sierra M/M. Lubed all hinge points.
Checked ELT in accordance with FAR 91.207. Battery good until
09/2027. Repacked main wheel bearings and inspected brakes.
Installed new tire and tubes, 500/5 on mains; nose wheel tire and
tube 400/6. Repaired right main wheel pant. This aircraft is found
to be in condition for safe operation at this time.

Dana G. Linn
Dana G. Linn A&P 3379518, LSRM 3379518

1-27-24 Replaced Flap Position Transducer with
new P/N 22-5-178-000 obtained from Tecnam.
Hobbs 818.7 *DalHwan*