

N411LM LOG #4

N950CT LOG #4



The Standard

AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

LOG #4 - JAN 2005 THRU

Manufacturer PIPER Model PA-31T
Serial 3131T-7720069 Registration Number N411LM
Date of Manufacture _____

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE				
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2-28-05	1691.4		6683.7	REMOVED + REPLACED LEFT ENGINE AIR INLET DUCT LIP ROOT, KIP MIN CHAPTER 14-459, ROOT PIN # 1461-1. OPS WBS NORMAL.
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MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Order No. W05-099

Signed [Signature] Date 2-28-05 for
 Pensacola Aviation Center, Pensacola Regional Airport, Pensacola, FL 32513
 Repair Station KRTR805F

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FLORIDA AERO SERVICES INC.
1005 AIRSIDE CENTER DR., LAKELAND, FL, 33811
PHONE 863-644-6275 FAX 863-648-0979

MODEL: PA-41T
SN: 317-772060
REG: N411M

DATE: 06/17/05
HOBBS: 1719 0
TT: 67113

Event 1 inspection completed this date in accordance with the manufacturer's inspection guide. Completed 200 hr measurement system filter replacement. Completed 500 hr nose gear link assembly inspection per SI 1088. Completed 4000 hr/10 yr landing gear handle cable replacement. Completed SI 589 by installing valve p/n 49755-002 and kit 763-834. Completed SI 559 by inspection. Completed AD 2004-25-16R1 by visual inspection. Next due June 2006 or 6811.3 APTT. Removed annunciator p/n 500D0001-003 s/n 196 for repair. Reinstalled same unit after repair. Replaced left torque transducer with overhauled unit p/n 3567749-6001 s/n 7912118. Replaced right torque transducer with original unit from left side s/n 7904101. Performed torque calibration on both sides. Replaced ice door seals. Replaced a/c compressor with new unit p/n 1231725 s/n 040105-A4. Replaced evaporator with new unit p/n 15-6180. Checked system for leaks, evacuated and serviced. Replaced flap bushings and hardware. Replaced left aft outboard gear door hinge. Removed left gear actuator reinforcing bracket. Cleaned and painted. Reinstalled with new hardware. Replaced rudder trim tab hinge bearings. Replaced roller p/n 762-583 on cabin door handle. Recertified cabin fire extinguisher. Replaced right flap transmission with overhauled unit p/n 1216-60-1 s/n 0430. Replaced surface deice timer with new unit p/n B-00325-1 s/n 8/192014. Performed ground runs. Aircraft test flown. All systems normal.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN EVENT 1 INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION


Fred C. Ware A&P 2618075281A

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

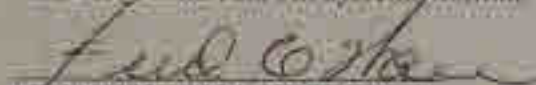
FLORIDA AERO SERVICES INC.

3005 AIRSIDE CENTER DR. LAKELAND, FL 33811
 PHONE 863-644-6275 FAX 863-648-0979

MODEL PA-31T
 S/N: 31T-7720069
 REG N411LM

DATE: 08/03/05
 HOBBS: 1727.4

Replaced air conditioner low pressure switch. Installed new A/C compressor. Replaced engine compartment flexible hoses. Evacuated system. Serviced with freon 134A. Repaired wiring for tail strobe light. Performed SAS calibration. Aircraft ground run. All systems normal.


 Fred E Ware A&P 265807528 IA

DATE

YEAR:

ACCEPTED or SERVICEABLE
FOR RETURN TO SERVICE

Southern Avionics & Communications, Inc.
Mobile Downtown Airport 2495-A Michigan Avenue
Mobile, AL 36615 CRS HW4R427M

N- 411LM W.O.# 80084 Date: 10/31/2005

Remarks: Removed existing KFS-560B Nav Control and KFS-590B Com Control. Installed Garmin GNS-430 NAV/COM/GPS

As the #2 System. GPS is approved for IFR enroute, terminal area and non-precision approach operations. Function tested & verified proper operation. Weight and Balance/Equipment list amended.

Technician J. Theobald Cert No.

Inspector *Tally J. Jensen* Cert No. HW4R427M

Pilot/Tech Cert No.

RECORDING TACH YEAR

TODAYS FLIGHT

TOTAL TIME IN SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of
(entries)

ACCEPTED or SERVICEABLE
FOR RETURN TO SERVICE

Southern Avionics & Communications, Inc.
Mobile Downtown Airport 2495-A Michigan Avenue
Mobile, AL 36615 CRS HW4R427M

N- 411LM W.O.# 80080 Date: 10/31/2005

Remarks: Removed existing Apollo Loran, KNR-665 NAV, KFS-590B Com & KT-905 VHF. Installed Garmin GNS-530

NAV/COM/GPS as the #1 System. GPS is approved for IFR enroute, terminal area & non-precision approach operations. Function tested & verified proper operation. Wt & Bal/Equip list amended.

Technician J. Theobald Cert No.

Inspector *Tally J. Jensen* Cert No. HW4R427M

Pilot/Tech Cert No.

**ACCEPTED or SERVICEABLE
FOR RETURN TO SERVICE**

Southern Avionics & Communications, Inc.
Mobile Downtown Airport 2495-A Michigan Avenue
Mobile, AL 36615 CRS HW4R427M

N- 411LM W.O.# 80081 Date: 10/31/2005

Remarks: Removed existing KPI-553 HSI and installed Sandel SN3500 EHSI in same location. Function tested and verified proper operation. Weight and Balance/Equipment list amended.

Technician J. Theobald Cert No. _____
Inspector Todd J. Simpson Cert No. HW4R427M
Pilot/Tech _____ Cert No. _____

**ACCEPTED or SERVICEABLE
FOR RETURN TO SERVICE**

Southern Avionics & Communications, Inc.
Mobile Downtown Airport 2495-A Michigan Avenue
Mobile, AL 36615 CRS HW4R427M

N- 411LM W.O.# 80082 Date: 10/18/2005

Remarks: Removed existing KMR-675 Marker Receiver, KAA-445 Audio System, Audio Selector Panel & Isocom Intercom Installed Garmin GMA-340 Audio Panel/ICS/ Marker System in a 2-place configuration. Function tested & verified proper operation Weight and Balance/Equipment list amended.

Technician J. Theobald Cert No. _____
Inspector Todd J. Simpson Cert No. HW4R427M
Pilot/Tech _____ Cert No. _____

YEAR: _____

RECORDING TIME _____

TODAYS FLIGHT _____

TOTAL TIME IN SERVICE _____

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Observer (if applicable)

(3 entries)

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

FLORIDA AERO SERVICES INC.

3005 AIRSIDE CENTER DRIVE LAKELAND FLORIDA 33811
PHONE (863) 644-6275 FAX (863) 648-0979

MODEL: PA31T
S/N: 31T-7720069
REG: N411LM

DATE: December 12, 2005
TOTAL TIME: 6732.1
HOBBS: 1739.8

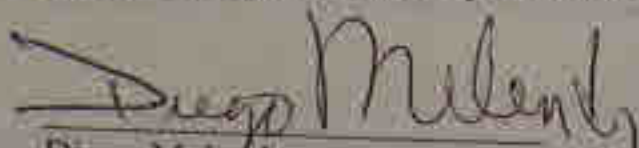
Performed Event #2 inspection this date in accordance with Piper Cheyenne Service Manual inspection guide and the following work was completed.

1. Performed 24 month ELT battery replacement. New battery expires Dec 2007.
2. Performed 100 hour / annual ELT ops check.
3. Performed 24 month lead acid battery replacement with new battery P/N G6381E S/N GO2223878.
4. Performed 100 hour / annual acrylic window inspection.
5. Performed 100 hour cabin - cockpit inspection.
6. Performed 100 hour emergency exit inspection.
7. AD82-27-13R2 (SB494B) perform by inspection of flap extension system. Next due 6832.1 AFTT.
8. AD2003-24-07 (SB1105A) complied with by inspection and no defects found at this time. Next due 12/06

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

9. AD2005-14-12 complied with and no subject bolts installed. No further action required.
10. Reinstalled right windshield after repairs by Perkins Aircraft due to de-lamination.
11. Calibrated SAS IAW Piper Service Manual and adjusted trimmer pots as required.
12. Replaced A/C belts P/N 73965-013 with new.
13. Adjusted left prop linkage and sync cable as required.
14. Installed new bushings P/N 453-808 on nose gear upper torque link and re-installed using new hardware.
15. Replaced nose gear strut attach bushings P/N 453-735 and lower drag link bushings P/N 453-776 and re-installed using new hardware.
16. Shimmed out R/N nose gear door pickup arm as needed.
17. Installed new right main Michelin Air P/N 076-356-0.
18. Performed gear swing and rigged gear as required.
19. Replaced limit switch on bottom left cowling P/N 487-804
20. Replaced left oil pressure gauge with new P/N 764-333
21. Aircraft test flown and all systems normal.

I certify this airframe has been inspected in accordance with progressive inspection 100 hour cycle and was determined to be in airworthy condition at this time.


 Diego Melendez A&P3095243

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

I certify this airframe has been inspected in accordance with an Event #2 inspection and was determined to be in airworthy condition at this time, END.



Tung H. Pham A&P30879391A

**ACCEPTED or SERVICEABLE
FOR RETURN TO SERVICE**

Southern Avionics & Communications, Inc.
Mobile-Downtown Airport 2495-A Michigan Avenue
Mobile, AL 36615 CRS HW4R427M

N- 411LM W/O. No 80700 Date: 01.04.2006

Remarks: Removed faulty Bendix PriServo M/N 3013K
P/N 4009506-8502 S/N R1526 and replaced with OHC like item
M/N 3013K P/N 4009506-8502 S/N 1985. Ramp checked and
verified proper operation per OEM requirements.

No change to Weight & Balance required

Tech

Insp



Cert No. HW4R427M

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

FLORIDA AERO SERVICES INC.
 3005 AIRSIDE CENTER DRIVE LAKELAND FLORIDA 33811
 PHONE (863) 644-6275 FAX (863) 648-0979

MODEL: PA31T
 S/N: 31T-7720069
 REG: N411LM

DATE: March 1, 2006
 TOTAL TIME: 6750.9
 HOBBS 1758.6

1. Replaced left windshield temperature control box P/N HYLZ-8882-1 with new unit S/N 17983B.
2. Replaced left oil pressure gauge P/N 764-333 with new unit S/N A4041.
3. Replaced right oil pressure gauge P/N 3-311-3 with new unit S/N A4040.
4. Replaced left fuel pressure gauge P/N 3-311-10 with new unit S/N A3231.

Aircraft run up and all systems normal. END.


 Lawrence Hilla A&P261981156

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YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
3-8-06	1760.1		6752.4	REMOVED SHIPS BATTERY + PHOTOS ON CHARLOT. TESTED SPECIFIC GRAVITY ARTING REEL CHARLOT, SPECIFIC GRAVITY, OK BTL CELLS WEAR WELL ABOVE LOWER LIMITS, PLACED BATTERY BACK IN AIRCRAFT + TESTING FOR AN UNUSUAL VOLTAGE DROP FROM AIRCRAFT POWER MATHO.

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propellor, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Order No. W06-102 Date 3-5-06

Signed [Signature] for

Pensacola Aviation Center, Pensacola Regional Airport, Pensacola, FL 32513

Repair Station KRTR805F

YEAR:	RE TA TI
DATE	

**ACCEPTED or SERVICEABLE
FOR RETURN TO SERVICE**

Southern Avionics & Communications, Inc.
Mobile Downtown Airport 2495-A Michigan Avenue
Mobile, AL 36615 CRS HW4R427M

N- 411LM W.O. No. 81731 Date: 06.01.2006
 Remarks: Removed defective M4D Roll Servo M/N 3013K
P/N: 4009506-8502 S/N: 1318 and replaced with OEM overhauled
Like item M/N: 3013K P/N: 4009506-8502 S/N: 1910.
Ramp checked and verified proper operation of replaced unit.
No change to Aircraft Weight and Balance required.
 Tech [Signature] 314474 Cert No. HW4R427M
 Insp [Signature] 2528188

Repairs and Alterations
 (Include Description of Work, Part Numbers, and Certificate Number of
 Pages for other specific entries.)

**ACCEPTED or SERVICEABLE
FOR RETURN TO SERVICE**

Southern Avionics & Communications, Inc.
Mobile Downtown Airport 2495-A Michigan Avenue
Mobile, AL 36615 CRS HW4R427M

N- 411LM W.O. No. 81783 Date: 06.05-2006
 Remarks: Removed defective M4D Roll Servo M/N 3013K
P/N 4009506-8502 S/N 1910 and replaced with Warranty OEM
Ovhl replacement unit M/N 3013K P/N 4009506-8502 S/N X1316.
Ramp checked and verified proper operation of replaced unit.
No change to aircraft Weight and Balance required.
 Tech [Signature] 314474 Cert No. HW4R427M
 Insp [Signature] 2528188

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

FLORIDA AERO SERVICES INC.
 3005 AIRSIDE CENTER DRIVE LAKELAND FLORIDA 33811
 PHONE (863) 644-6775 FAX (863) 648-0979

MODEL: PA-31T
 S/N: 31T-7720069
 REG: N411LM

DATE: July 26, 2006
 TOTAL TIME: 6774.7
 HOBBS: 1782.4

Performed Event #1 inspection this date in accordance with Piper Cheyenne PA31T and PA31T1 Progressive Inspection 100 Hour Cycle Service Manual P/N 761-644 and the following work was completed.

1. Installed new fire detector sensor on #2 position on right engine and replaced connector and broken pins at the annunciator box.
2. Replaced SAS Vane P/N 861CD2MODA S/N 1703 with repaired unit S/N 2018.
3. Replaced SAS computer P/N 20L1MODB S/N 7690 and installed new computer S/N 9913.
4. Completed SAS system calibration IAW Piper Cheyenne Service Manual.
5. Reinstalled right airspeed indicator P/N AW2829AE02 S/N 74 after overhaul.
6. Install new mirror P/N 474-641 on left nacelle.

Southern Avionics & Communications, Inc
Mobile Downtown Airport · 2495A Michigan Avenue
Mobile, AL 36615 CRS HW4R427M

Altimeter MFG ADC P/N: 22702-031
 S/N 1514 has been tested & found to comply with FAR
 43, App E. Unit tested to 35000 ft on 8 / 28 / 2006
 by Southern Avionics W.O.# 82320 The State System was
 tested as required by FAR 91.411 and found to comply with FAR 43, App E.
 This transponder (MEG) KING KXP-755 P/N 066-1041-00
 S/N 5392 and transponder automatic altitude reporting
 system has been tested as required by FAR 91.411/413 and found to comply
 with FAR 43, App E and F.
 Technician: Clyde Franklin Cert No. HW4R427M
 Inspector: [Signature] Cert No. HW4R427M
 Date: 8 / 28 / 2006 Work Order No. 82320

YEAR: RECORDING TACH: TODAYS FLIGHT: TOTAL TIME IN

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of
 Pilot

Southern Avionics & Communications, Inc
 Mobile Downtown Airport · 2495-A Michigan Avenue
 Mobile, Alabama 36615 · CRS HW4R427M
 (251) 433-9980

Altimeter Scale Altimeter P/N 22702-031
 Correction Card

Pilot S/N 1514

Reference Altitude in FT	Altimeter Reads	Reference Altitude in FT	Altimeter Reads
-1000	-1.020	12000	11,975
0	-10	14000	13,980
500	490	16000	15,970
1000	980	18000	17,980
1500	1,475	20000	19,950
2000	1,975	25000	24,940
3000	2,980	30000	29,950
4000	3,975	35000	35,000
6000	5,980	40000	XXXXX
8000	7,990	45000	XXXXX
10000	9,980	50000	XXXXX

Tested By: Clyde Franklin Date: 08/28/2006

Southern Avionics & Communications, Inc
 Mobile Downtown Airport - 2495A Michigan Avenue
 Mobile, AL 36615 CRS HW4R427M

Altimeter MFG UNIT# P/N 5934PA.1
 S/N 11578 Unit been tested & found to comply with FAR
 43, App E. Unit tested to 35000 ft on 8 / 28 / 2006
 by Southern Avionics W.O.# 82320 The Static System was
 tested as required by FAR 91.411 and found to comply with FAR 43, App E.
 This transponder (MFG) KING KXP.255 P/N 066.1041.00
 S/N 2622 and transponder automatic altitude reporting
 system has been tested as required by FAR 91.411/413 and found to comply
 with FAR 43, App F, and F.
 Technician: Clyde Franklin Cert No. HW4R427M
 Inspector: *Sambol* Cert No. HW4R427M
 Date: 8 / 28 / 2006 Work Order No. 82320

YEAR:

RECORDING
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FLIGHT

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SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of

Southern Avionics & Communications, Inc
 Mobile Downtown Airport - 2495-A Michigan Avenue
 Mobile, Alabama 36615 CRS HW4R427M
 (251) 433-9980

Altimeter Scale Altimeter P/N 5934PA.1
 Correction Card

Co-Pilot

S/N 11578

Reference Altitude in FT	Altimeter Reads	Reference Altitude in FT	Altimeter Reads
-1000	-990	12000	12.010
0	0	14000	14.030
500	490	16000	16.040
1000	990	18000	18.050
1500	1.490	20000	20.060
2000	1.990	25000	25.080
3000	2.990	30000	30.070
4000	3.990	35000	35.040
6000	5.990	40000	XXXXX
8000	7.990	45000	XXXXX
10000	10.010	50000	XXXXX

Tested By Jeff Hodan

Date

8/28/06

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

**ACCEPTED or SERVICEABLE
FOR RETURN TO SERVICE**

Southern Avionics & Communications, Inc.
Mobile Downtown Airport 2495-A Michigan Avenue
Mobile, AL 36615 CRS HW4R427M

N- 411LM W.O. No. 81963 Date: 8-28-2006

Remarks: Removed defective radar indicator Bendix IN-2028A
P/N 4001564-2801 S/N 1007. Installed serviceable exchange radar
Indicator Bendix IN-2028A P/N 4001564-2801 S/N 1009. Ramp
Checked and verified proper operation. No change to weight and
Balance.

Tech Clyde Franklin Cert No. HW4R427M

Insp [Signature] Cert No. HW4R427M

YEAR:

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SERVICE

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

DA

1 UNITED STATES		2 FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration				3 System Tracking Ref. No. A4538	
4 Organization Prospect Aviation 145 Cesna Dr Beaver Falls, PA 15050		5 Work Order/Contract, or Invoice Number A4538					
6 Item	7 Description	8 Part Number	9 Qty	10 Qty	11 Serial/Batch No.	12 Status/Work	
	IN2028A	4001564-2801	N/A	1	1009	Repair	
13 Remarks <input checked="" type="checkbox"/> Work order (See Block 3 conditions) that actual work was performed. All work was performed in accordance with FAA approved data. INSPECTED AND TESTED I, A, W. mtg Spec <small>LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES TIME SINCE NEW.</small>							
14 <input checked="" type="checkbox"/> Certified the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and per its condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			15 <input checked="" type="checkbox"/> CFR 43.9 Rules to Service <input type="checkbox"/> Other regulation specified in Block 13 certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, U.S.C. Federal Regulations, part 43.9 to that work. The work is approved for return to service.				
16 Signature		17 Name (Typed or Printed)	18 FAA Auth. No.	19 Date	20 Authorized Signature Edward Dambik	21 Certificate No. 60862578	
					22 Name (Typed or Printed) EDWARD Dambik	23 Date 8-14-06	

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
11-14-06	1807.5		6799.8	CLEANED UP + DOWN LIMIT SWITCHES + APPROXIMATE SWITCH FOR FLAP SYSTEM, LUBRICATED FLAP TRANSMISSIONS WITH AVIATION GRADE #7, FLAP OPERATION IS NORMAL AT THIS TIME.

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was inspected and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station.

under Order No. 1206-526 Date 11-14-06
 Signed [Signature] for

Pensacola Aviation Center, Pensacola Regional Airport, Pensacola, FL 32515
 Repair Station KBTR805P

SERVICEABLE

1. Approving National Authority Subordinate Country FAA/UNITED STATES		AUTHORIZED RELEASE CERTIFICATE PWA Form 8130-1 (EASA/EDITION 5 APRIL 2014) ED-14			2. Date of Issue, Location 4/25/11	
3. Organization Name and Address Fleet Support Services, Inc. Monroe Airport, W4711 Hwy 59, Monroe, WI 53566				4. Work Order Number of Issue Number R7156		
5. Item #	6. Description	7. Part Number	8. Quantity	9. Quantity	10. Serial/Block Number	11. Date/Location
1	<i>Fuel Pump</i>	<i>1015-4</i>	<i>N/A</i>	<i>1</i>	<i>13K 45</i>	<i>W4711</i>
12. 12.1 Overhauled/Repaired IAW attached W/O# <i>4/25/11</i>				12.2 Certifies that the work specified in block 12/13 was carried out IAW EASA 145, and in respect to that work, the aircraft component is considered ready for release under EASA Acceptance Certificate No. EASA 145.5230		
13. 13.1 13.1.1 <input type="checkbox"/> Approved through EASA and not to be certified for other countries. 13.1.2 <input type="checkbox"/> Not approved through EASA specified in Block 13.				13. 13.2 OTHER REGULATION IS APPLICABLE - Other regulation specified in Block 13 13.2.1 <input type="checkbox"/> Other regulation specified in Block 13. The work identified in Block 12 and specified in Block 13 was accomplished in accordance with the TC of the Export Member State (MS) and is certified in that MS. The owner also approved the release of work under EASA Acceptance Certificate No. EASA 145.5230.		
14. Signature of Approver <i>N/A</i>		15. Signature/Qualification <i>N/A</i>		16. Signature of Approver <i>David Weber</i>		17. Approval Number NERD0641
18. Date of Issue or Expiry <i>N/A</i>		19. Valid until <i>N/A</i>		20. Date of Issue <i>10/07/06</i>		



... EASA.145.4228. Full details held on work order

9. 14 CFR 43.9 Return to Service Other regulation specified in Block 13

Regina Medina
Regina Medina AP5842587101A

the work identified in Block 13, the work identified in Block 12 and

worthy

Joel L. Basinger

ilities

Itly constitute authority to install the part/component/assembly. Where the user/installer
different than the airworthiness authority of the company specified in Block 1, it is
/assemblies from the airworthiness authority of the country specified in Block 1.
staff maintenance records must contain an installation certification issued in accordance

FORM 0052-00-012-9005

DA

FLORIDA AERO SERVICES INC.
3005 AIRSIDE CENTER DR., LAKELAND FL 33811
PHONE 863-644-6275 FAX 863-648-0079

MODEL: PA-31T
S/N: JTF-7720069
REG: N411LM

DATE: December 7, 2006
TT: 68013
HOBBS: 1809.0

Performed Event #2 inspection this date in accordance with Piper Cheyenne PA31T and PA31T1 Progressive Inspection
100 hour Cycle Service Manual P/N 761-644 and the following work was completed.

1. Performed 100 hour / annual ELT ops check IAW FAR 91.207(d).
2. Performed 1000 hour / annual acrylic window inspection.
3. Performed 100 hour wing flap system inspection.
4. Performed 2000 hour / 2 year left & right wing fuel cell inspection.
5. AD82-27-13-R2 flap extension system complied with by inspection IAW S/B 494B.
6. AD2003-24-07 complied with by inspection of torque tube & rib IAW S/B 1105A.
7. AD2004-21-05 complied with by heater decay test and pressure switch check. Heater hobbs 1245.2
8. Removed left #1 fuel pump P/N RD52400D S/N B2733 and installed overhauled unit S/N B-3396.
9. Removed left #2 fuel pump P/N 1CT5-4 and installed overhauled unit S/N 10K45
10. Replaced right aileron actuator inboard rod end bearing P/N 452-860 with new using new hardware.
11. Replaced left fuel pressure gauge P/N 3-311-1 S/N A3231 with new S/N A4121.

I certify this airframe has been inspected in accordance with an Event #2 inspection and was determined to be in airworthy
condition.


Regino Medina AP5892587101A

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

12/8/06	1810.3		0803.1	RESECURED WEATHER STRIPPING AT RIGHT TIE TANK.
---------	--------	--	--------	--

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was inspected and inspected in accordance with current Regulations of the Federal Aviation Administration and is authorized for return to service. Pertinent details of the repair are on file at this repair station.

Order No. W96-578

Date 12-8-06

Signed [Signature]

Pensacola Aviation Center, Pensacola Regional Airport, Pensacola, FL 32513
Repair Station NRTA 8059

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

Southern Avionics & Communications, Inc.

CRS HW4R427M

Mobile County Airport

2495 W. Michigan Avenue / Mobile, AL 36615

N# 7134

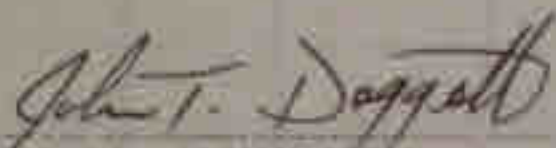
WCR 80515

Date 11-28-2006

Sandel SN3500, P/N SN3500-002, S/N 1182

Changed lamp in SN3500 EHSI as per maintenance manual # 82005-0133 Rev A.

Complied with Sandel Service Information Letter # SIL3500-04 regarding software
3-13-11140127


Technician / HW4R427M


Inspector / HW4R427M

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


Southern Avionics & Communications, Inc.
CRS HW4R427M
 Mobile Downtown Airport
 2495-A Michigan Avenue / Mobile, AL 36615

N# 411LM WO# 80815 Date 12/14/2006

Removed Sandel SN3500-002 HSI p/n 90165, s/n 1276 and installed Sandel SN3500
 s/n 1182 in same location. Reconfigured per Sandel Installation Manual p/n 82005-1M-
 C. EHSI System ramp checks satisfactory. No change to Weight and Balance.

James T. Edwards
 Technician / HW4R427M


 Inspector / HW4R427M

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				<p>JUNE 4, 2007 HOBBS: 1865.8 N411LM PIPER PA-31T S/N 31T-7720069</p> <p>REPLACED LEFT MAIN TIRE WITH NEW MICHELIN 6.50-10 10 PLY P/N 076-356-0.</p> <p>BODE AVAITION</p> <p style="text-align: right;"> Thomas Winters AP5854321181A</p>

03/27/07
Hobbs: 1823.1

N411LM
AFTT: 6815.4

Removed and replaced L/H #1 and #2 fuel boost pumps with overhauled pumps, P/N RG52400DRX, S/N #1 pump B-117, S/N #2 pump B-2490. Cleaned and lubricated cabin door latch pins. Installed new seat rail pin return springs on pilot seat. Removed and replaced defective micro switch for L/H induction deice. Reinstall repaired radar computer. Installed new gaskets on R/H and L/H tip tank filler cap plates. Installed new pilot side PTT switch. Installed new American Aviation exhaust stacks on R/H and L/H engine I/A/W instructions contained in STC #SA00046SE. Form 337 filed with FAA. No weight and balance change.

Bode Aviation


Thomas Winters AP5854321181A

YEAR: RECORDING DAYS TOTAL

CUTTER
ALBUQUERQUE

AVIATION, INC.

FAA Repair Station GMZR383E
505 842-4184

REG # N 411LM
S/N 31T-7720069
HM 1905.4

DATE 08/15/2007
W/O 01A-1576

1. Removed Weather Radar R/T, Antenna Pedestal, and Antenna Array for repair.
Bendix RT-1201A Radar R/T P/N 40000502-0101 (S/N 2553) Removed
Bendix PA-1203A Antenna Pedestal P/N 40000504-0301 (S/N 4880) Removed
Bendix AA-1212A 12" Antenna Array P/N 40000525-1212 (S/N 2721) Removed
Bagged and tied up radar connectors. Pulled and banded Radar circuit breaker.
Placarded MFD "Radar Deactivated". Change to aircraft weight and balance negligible.

2. Replaced the #2 transponder with an overhauled unit for weak transmit power and excessive current draw.
King KXP-755 #2 Transponder P/N 066-1041-00 (S/N 2622) Removed (S/N 2333) Installed

3. Repaired the #1 transponder suppression input for causing the Traffic system to paint own aircraft as a target.
King KXP-755 #1 Transponder P/N 066-1041-00 (S/N 5392) Repaired 08/10/2007

I certify that the Transponder tests and inspections required by FAR 91.413 have been performed and found to comply with FAR 43 Appendix F

The integrated systems were tested as required by FAR 91.413 and FAR 91.217 and found to comply with FAR 43 Appendix E(c) on Date: 08/15/2007

4. Replaced blown fuse in DME with now ramp checks good IAW mfg. specs.
King KDM-705A DME R/T P/N 066-1037-08 (S/N 4155) Repaired

This aircraft and/or component is certified to be airworthy for return to service with respect to the work performed.

Pai Phelan

SIGNATURE: 

Page 1 of 1

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


07/31/07
Hobbs: 1905.4

N411LM
AFTT: 6897.7

Performed Event I inspection this date and time I/A/W Piper PA31T progressive inspection 100Hr program. Inspected ELT I/A/W FAR 91.207(d). ELT battery due date 12/07. Installed two each new windshield wiper blades. Performed 100 Hr wing flap inspection, next due AFTT: 6997.7. Performed 100 Hr Cabin cockpit inspection, next due AFTT: 6997.7. Performed 100 Hr emergency exit inspection, next due AFTT: 6997.7.
A.D. 82-27-13 by inspection of flap system I/A/W SB494B, next due AFTT: 6997.7.

I certify this aircraft has been inspected I/A/W an Event I Inspection and was determined to be in airworthy condition.

Bode Aviation

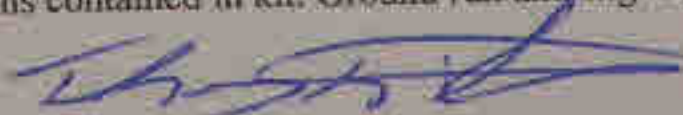

Thomas Winters
AP5854321181A

09/12/07
Hobbs: 1918.7

N411LM
AFTT: 6911.0

Removed and replaced L/H lee door motor with new motor P/N 651-802. Removed air condition evaporator fan, cleaned and lubricated bearings, reinstalled. Installed American Aviation ram air kit P/N AAA00137, STC# SA4723NM. I/A/W instructions contained in kit. Ground run and flight test good at this time.

Bode Aviation


Thomas Winters
CRS J7BR555Y

CUTTER AVIATION, INC.
ALBUQUERQUE

FAA Repair Station GMZR383E
505 842-4184

REG # N 411LM
S/N 31T-7720069
HM 1918.7

DATE 8/24/07
W/O 01A-1576

1. Reinstalled repaired Weather Radar R/T, Antenna Pedestal, and Antenna Array.

Bendix RT-1201A Radar R/T P/N 40000502-0101 (S/N 2553)

Bendix PA-1203A Antenna Pedestal P/N 40000504-0301 (S/N 4880)

Bendix AA-1212A 12" Antenna Array P/N 40000525-1212 (S/N 2721)

Removed placarded "Radar Deactivated" from the MFD. Change to aircraft weight and balance negligible.

This aircraft and/or component is certified to be airworthy for return to service with respect to the work performed.

Thomas A. Parks

SIGNATURE:

Page 1 of 1

CUTTER AVIATION, INC.
ALBUQUERQUE

REG # N 411LM
S/N 31T-7720069

DATE 09/17/2007
W/O 01A-1528

N411LM

10/31/07

Hobbs: 1951.0

Resealed R/H nacelle fuel cell. Removed and replaced two each post light bulbs at volt/amp gauge. Resealed L/H and R/H tip tank caps and adjusted tension. Removed and replaced R/H oil temp probe with new. Removed and replaced R/H strobe power supply and bulb with new. Removed and replaced cabin door hinge assembly with new. Ground run ops check good at this time.

formed:

Page 1 of 1

Bode Aviation



CRS J7BR555Y

CUTTER AVIATION, INC.
ALBUQUERQUE

FAA Repair Station GMZR383E
505 842-4184

REG # N 411LM
S/N 31T-7720069
HM 1918.7

DATE 8/24/07
W/O 01A-1576

1. Reinstalled repaired Weather Radar R/T, Antenna Pedestal, and Antenna Array

Bendix RT-1201A Radar R/T P/N 40000502-0101 (S/N 2553)

Bendix PA-1203A Antenna Pedestal P/N 40000504-0301 (S/N 4880)

Bendix AA-1212A 12" Antenna Array P/N 40000525-1212 (S/N 2721)

Removed placarded "Radar Deactivated" from the MFD. Change to aircraft weight and balance negligible.

This aircraft and/or component is certified to be airworthy for return to service with respect to the work performed.

Thomas A. Parks

SIGNATURE

Page 1 of 1

CUTTER AVIATION, INC.
ALBUQUERQUE

FAA Repair Station GMZR383E
505 842-4184

REG # N 411LM
S/N 31T-7720069
HM 1918.7

DATE 09/17/2007
W/O 01A-1528

Replaced loaner TCAD Processor with warranty repaired unit.

Ryan 9900EX TCAD Processor P/N 70-2420-[8 TAS620] (S/N 0704214) Removed

Ryan 9900EX TCAD Processor P/N 70-2420-[8 TAS610] (S/N 0704258) Installed

Traffic advisory system ramp checks good IAW mfg. specs.

This aircraft and/or component is certified to be airworthy for return to service with respect to the work performed.

Pat Phelan

SIGNATURE: 

Page 1 of 1

DATE: January 3, 2008
T.T.:
H.M.: 1952.2
TACH:

LOG BOOK ENTRY
DEER HORN AVIATION
PAINT & INTERIOR
MIDLAND, TEXAS

REG. NO.: N950CT
MFG: Piper
MODEL: PA31T
S/N: 31T-7720069

Aircraft stripped, etched, alodined, primed, and painted the following colors:

570-535	Matterhorn White	Jet Glo
10596	Dark Blue	Acry Glo
10494	Las Vegas Gold	Acry Glo

Balance checked flight controls I/A/W MM. Installed exterior decals after paint. Installed a PM Research clear Radome erosion boot. Replaced left and right wing to tip fairing seals, P/N 187-555. Replaced left and right nacelle to flap seal, P/N 187-610. Replaced horizontal and vertical stabilizer to fuselage seals, P/N 187-553. Reupholstered crew and passenger seats. Replaced crew seat bottom cushion foam with Hi-Tech Temptra foam. Replaced headliner material. Replaced window and divider curtains. Reupholstered side panels and armrest. Replaced carpet and serged exposed edges. Lap belts and inertia reels rewebbed by Aviation Safety Products RS# XWJR831X. Replaced entrance door step trim, cable covers, and step material. Reupholstered the instrument panel glare shield. Relaminated interior woodwork. Removed pilot's airspeed indicator, P/N AW2829AE02 S/N 170, shipped for repairs and overhaul, Aero-Mach Lab. RS# NU2R044L, and reinstalled and leak checked upon return. Replaced inner window seals, P/N 45506-00. Replaced entrance door step trim, P/N 48656-3. Replaced seat track end cover, P/N 44023-00. *Changed registration - from SO# P7031 DALLAM to N950CT, FAA FAR 25,853. Fuel prod. ingests.*

17038

Maintenance Release

Aircraft approved for return to service only for the work performed.
Details on file at this station on S.O.# P7031/17038 Date: 1/3/08

Deer Horn Aviation Paint & Interior
Midland, Texas 79711

Signature and A&P

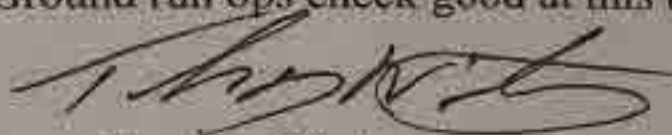
Clint Johnson 195A700

YE 04/15/08
Hobbs: 2007.7

N950CT
AFTT: 7000.2

Operations
Number of
entries.)

D. Removed and replaced L/H oil cooler with overhauled cooler from Pacific Oil Cooler. Repaired wires on R/H forward E/L panel. Removed and replaced overhead light switch with new. Installed new inflatable cabin door seal. Removed and replaced both L/H and R/H hydraulic pumps with overhauled pumps. Ground run ops check good at this time and date.



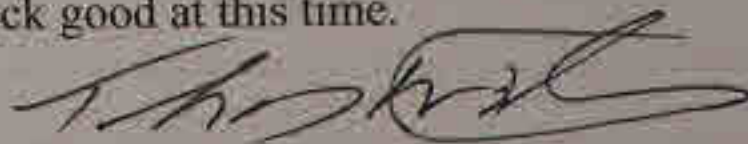
Thomas Winters
CRS# J7BR555Y.

Bode Aviation

05/16/08
Hobbs: 2010.0

N950CT
AFTT: 7002.5

Removed rate controller, outflow valve, and safety valve and sent to Dukes for overhaul. Reinstalled after overhaul. Sealed pressurization leaks at pilot storm window, pilot windshield, and cabin heater ducting. Removed L/H eng bleed valve and sent to Dallas Airmotive for repair. Reinstalled repaired bleed valve. Cleaned and lubed L/H cowl indicator switch. Ground run ops and leak check good at this time.



Thomas Winters
CRS# J7BR555Y

Bode Aviation

YEJ 05/30/08
Hobbs: 2029.9

N950CT
AFTT: 7022.2

ations
er of
ntries.)

DA Removed existing three blade Hartzell propellers from R/H and L/H engines. Installed two each 0.0 time Hartzell four blade propellers, M/N HC-E4N-3N/D8990SB. S/N. HH3239 installed in R/H position, S/N. HH3242 installed in L/H position. Installation performed I/A/W Blackhawk Modification, Inc. instructions and drawings contained in STC# SA01248SE, reissued June 7, 2007. Weight and balance amended to reflect change. Ground run and flight test good at this time and date.

Bode Aviation



Thomas Winters
CRS# J7BR555Y

CUTTER AVIATION, INC.
ALBUQUERQUE

FAA Repair Station GMZR383E
505 842-4184


REG # N 950CT
S/N 31T-7720069
HM 2048.5

DATE 7/02/08
W/O 01M-2278

Performed software update to the GNS-530W P/N 011-01064-40 S/N 78414450 and GNS-430W P/N 011-01060-45 S/N 96306748 IAW Garmin SB 0808 Enabled WAAS VNAV function per STC SA01933LA

This aircraft and/or component is certified to be airworthy for return to service with respect to the work performed.

Thomas A. Parks

SIGNATURE: 

Page 1 of 1

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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DA N950CT
Hobbs; 2058.4

08/01/08
AFTT: 7050.7


Performed event I inspection this time and date I/A/W Piper progressive inspection 100Hr inspection program. ELT Removed at this time and date for repairs. Performed 100 Hr wing flap inspection. Next due AFTT 7157.7 Installed all new static wicks. Removed hydraulic filters and replaced with new. Removed and replaced R/H Prop tach with overhauled unit P/N 3571262-2301, S/N 8009103. Cleaned and lubed all trim cable pulleys. Removed and replaced R/H main tire with new Michelin 6.50-10 10 ply tire. Cabin heater disabled and placarded at this time for combustion liner leakage. Installed new blower assembly in combustion air blower. Reset elevator trim stops to manufacturers specs. **Removed and replaced instrument vacuum filters with new.** Replaced blown fuse in Aux cabin heat control system. Cleaned fan relay. Performed 100 Hr emergency exit inspection. Next due AFTT 7150.7. C/W A.D. 2003-24-07 by inspection of rudder torque tube. Next due 08/09. C/W A.D. 82-27-13 by inspection of wing flap transmission. Next due AFTT 7150.7. C/W 100 Hr cabin cockpit inspection. Next due AFTT 7150.7 Ground run ops check good at this time.

I certify this aircraft has been inspected I/A/W an Event I inspection and was found airworthy with respect to the work performed.

Bode Aviation



Thomas Winters
CRS# J7BR555Y

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
	N950CT			08/07/08
	Hobbs: 2061.2			
	Reinstalled Narco ELT 10 after repair of solder joints. Inspected ELT I/A/W FAR 91.207(d). New battery installed. New due date Dec 2010. Ops check good at this time.			
	Bode Aviation			 Thomas Winters CRS# J7BR555Y

Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N#: N950CT
 Model: Piper PA-31T
 S/N: 7720069

Hobbs: 2079.1
 Date: 9/19/08
 Heater Hobbs: 1266.9

Replaced right taxi light bulb. Secured wires behind passenger table. Repaired broken shielding wire for left fuel gauge, replaced all fuel sending unit gaskets. Painted cabin door jam. Re-racked TCAS control head. Removed and replaced heater assy rebuilt unit extended life combustion liner p/n: 10E21-EL s/n: A08080037. **AD 2004-21-05** heater pressure decay test next due Heater hobbs: 1766.9. I certify this aircraft is airworthy with respect to the above work performed.

WO# ABQ0440 

Signed: 

YEAR:

Bode Aviation



DATE

2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N950C

N#: N950CT

Hobbs: 2105.1

Hobbs:

Model: Piper PA-31T

ATT: 7097.4

S/N: 7720069

Date: 12/1/08

Install

Removed left and right engine frame mounts, prepped, inspected and painted, and reinstalled using new hardware and engine rubber Lord mount bushings. I certify this aircraft is airworthy with respect to the above work performed.

SA008

pressur

recalibr

WO# ABQ0498 *AM*

RG524

time.

Bode Aviation

Thomas Winters

CRS# J7BR555Y

N950CT

12/08/08


Hobbs: 2121.3

Removed R/H and L/H main wheel brakes and installed new Cleveland brake discs and brake pads. Ops check good at this time.

Bode Aviation

Thomas Winters

AP5854321181A

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Rep. <small>Entries must be endorsed with Name, Rating and Cert. Technician or Repair Facility. (See back pages for other sp.</small>
DATE N950CT Hobbs: 2105.1				12/01/2008 AFTT: 7097.4 Installed two each new engines I/A/W Blackhawk Modifications, Inc. STC# SA00863SE. Oil coolers overhauled by Pacific Oil Cooler. Torque indicators, Oil pressure gauges, Airspeed indicators, Prop tachs, ITT gauges, and N1 gauges all recalibrated and remarked I/A/W STC. Installed overhauled fuel boost pump, P/N RG52400DRX, S/N B-2003 in R/H #1 position. Ops check and flight test good at this time.  Thomas Winters CRS# J7BR555Y
Bode Aviation				
N950CT Hobbs: 2121.3				12/08/08 Removed R/H and L/H main wheel brakes and installed new Cleveland brake discs and brake pads. Ops check good at this time. Thomas Winters AP5854321181A
Bode Aviation				

YEAR:	RECORDING TRCR TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N#: N950CT

Model: Piper PA-31T

S/N: 7720069

Date: 2/4/09

Info-note: New AK-451 ELT installed on 1/20/09. FAR 91.207D next due by January 2010, battery due 6/2014.

WO# ABQ0607 *Am*

Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N#: N950CT

Model: Piper PA-31T

S/N: 7720069

Hobbs: 2129.6

Date: 2/4/09

Replaced pilot and co-pilot windscreens with new p/n's: 494-671, and 494-672. I certify this aircraft is airworthy with respect to the above work performed.

WO# ABQ0607 *Am*

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

Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N#: N950CT

Heater Hobbs: 1266.9

Hobbs: 2256.6

Model: Piper PA-31T

AFTT: 7248.9

S/N: 7720069

Date: 1/25/10

Performed Event II inspection this time and date IAW Piper progressive inspection 100Hr inspection program. Cleaned fuel strainer filters. Removed oxygen bottle, sent to Aidant Cylinder Company for hydrostatic test, reinstalled, and serviced. Replaced oxygen regulator with overhauled unit p/n: 800114-04, s/n: 6568. Removed and replaced nose wheel shimmy damper with new unit. Repaired loose rivets on right flap. Replaced left and right beta brush blocks.

C/W AD 2009-13-06 baggage door inspection IAW SB 1194A Part 1 and Part II, part 1 next due AFTT: 8228.9, part II next due AFTT: 7348.9.

Ground run ops check good at this time.

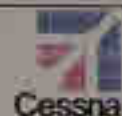
I certify this aircraft has been inspected IAW an **Event II** inspection and was found airworthy with respect to the work performed.

Dave Modisette

WO# ABQ1119

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterat. Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)
DATE				

Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N#: N950CT

Hobbs: 2313.2

Model: Piper PA-31T

S/N: 7720069

Date: 5/10/10

Replaced right main landing gear tire and tube. Removed, cleaned, inspected, and reinstalled left and right firewall fuel filters, leak check good. Adjusted left and right engine idle Ng to 57%. I certify this aircraft airworthy with respect to the above work performed.

Dave Modisette

W.O.# ABQ1230

7/28/10	2326.2		Installed new G.II 6138E Battery SIN 602513363 Alex Jaws ACP 2772703

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
DATE			

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 & mode system tests required by F.A.R. Part 91.411 have been performed. The altimeter was tested to 35,000 feet on date 10-8-10

Signature [Signature]
FAA CRS OECR 888K Pilot

I certify that the altimeter & mode system tests required by F.A.R. Part 91.411 have been performed. The altimeter was tested to 35,000 feet on date 10-8-10

Signature [Signature]
FAA CRS OECR 888K Co-Pilot

ATO TRANSPONDER TESTS REQUIRED BY FAR 91.413 WERE PERFORMED AND COMPLY WITH FAR 43, APP.F, ON MODEL

KXP 755 SN 5392
CORRESPONDENCE CHECK REF. 91.217N 950CT
DETAILS ON THIS INSPECTION ON FILE UNDER THIS
REPAIR STATION ON W/D 5587

Signature [Signature] DATE 10-8-10
FAA CRS OECR 888K #1

ATO TRANSPONDER TESTS REQUIRED BY FAR 91.413 WERE PERFORMED AND COMPLY WITH FAR 43, APP.F, ON MODEL

KXP 755 SN 2622
CORRESPONDENCE CHECK REF. 91.217N 950CT
DETAILS ON THIS INSPECTION ON FILE UNDER THIS
REPAIR STATION ON W/D 5587

Signature [Signature] DATE 10-8-10
FAA CRS OECR 888K #2

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N# N950CT
Model Piper PA-31T
S/N 7720069

Date: 10/8/10
Hobbs: 2371.8

C/WAD2003-24-07 Rudder inspection. C/W AD 2009-13-06 Nose baggage door inspection, part II. C/W AD 82-27-13R2 Wing flap inspection. Completed 100hr emergency exit window and cabin cockpit special inspections. Replaced left and right hydraulic filters. Cleaned left and right firewall fuel filters. C/W ELT inspection IAW 91.207D. I certify that this aircraft is airworthy with respect to the above work performed.

Dave Modisette

WO# ABQ1461

Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N# N950CT
Model Piper Cheyenne PA-31T
S/N 7720069

Date: 1/6/11
Hobbs: 2392.9

Resealed left forward brake caliper. Bleed and leak check good. I certify that this aircraft is airworthy for return to service with respect to the above work performed.

Dave Modisette

WO# ABQ1586

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N#: N950CT

Heater Hobbs: 0.0

Hobbs: 2402.2

Model: Piper PA-31T

AFTT: 7394.5

S/N: 7720069

Date: 2/17/11

Performed Event I and II inspections this time and date IAW Piper progressive inspection 100Hr inspection program. Removed hydraulic filters and replaced with new. Cleaned fuel strainer filters. Replaced post light dimmer assy and post light bulbs as necessary. Replaced left engine beta switch with new p/n: 51059-002 and rigged per maintenance manual. Installed serviceable cabin pressure switch. Installed new heater hobbs, heater total time: 161.5. Completed special inspections as follows:

Performed 100 Hr wing flap inspection

Performed 100 Hr emergency exit inspection

Performed 100 Hr cabin cockpit inspection

Performed 200 Hr pressurization filter replacement

Performed 300 Hr start/gen brush inspection

Performed 1000 wing flap and alleron hinge bolt inspection, NDN.

C/W **AD 82-27-13** by inspection of wing flap transmission.

C/W **AD 2009-13-06** baggage door inspection part 2.

Ground run ops check good at this time.

I certify this aircraft has been inspected IAW an **Event I & II** inspections and was found airworthy with respect to the work performed.

Dave Modisette

WO# ABQ1600

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

Bode Aviation

Cessna

2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N#: N950CT

Hobbs: 2477.8

Model: Piper PA-31T

Date: 12/15/11

S/N: 7720069

Removed and replaced nose wheel tire, P/N 061-326-0, S/N 1071S00519. Cleaned, inspected and repainted rim, repacked bearings. Balance and leak check good. This aircraft is airworthy with respect to the above work performed.

Joshua Schaff

WO# ABQ 1973

Bode Aviation

Cessna

2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N#: N950CT

Hobbs: 2496.3

Model: Piper PA-31T


Date: 02/01/12

S/N: 7720069

Removed pilot's and copilots elevator trim switches and cleaned with contact cleaner and reassembled. Operational check good. This aircraft airworthy with respect to the above work performed.

Joshua Schaff

W.O.# ABQ1230

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p data-bbox="240 379 677 495">Bode Aviation 3/8/12 Hobbs: 2506.9</p> <p data-bbox="1572 371 1878 479">N950CT AFTT: 7499.2</p> <p data-bbox="240 545 2031 1057">Completed an Events 1&2 inspections IAW PA-31T 100 HR programmed inspection. Replaced L&R main brake pads due to wear limits. C/W A/D 2003-24-07, inspection of rudder tube. No defects noted. Next due 3/2013. C/W AD 82-27-13 inspection of wing flap transmission. C/W AD 2009-13-06 baggage door inspection part 2. C/W 100hr wing flap insp. C/W 100hr emergency exit insp. C/W 100hr cockpit insp. C/W 300hr AC compressor mount, compressor belt, and compressor quill shaft spline inspection. C/W 1yr ELT function check IAW FAR 91.207. C/W 300hr air conditioner inspection. C/Wn300hr oxygen system regulator and pressure gauge insp. Ground run ops check good at this time and date.</p> <p data-bbox="240 1123 589 1181">Michael G. Angle</p>  <p data-bbox="1354 1115 2031 1172">CRS J7BR555Y/ WO ABQ2065</p>

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

Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N#: N950CT

Hobbs: 2529.4

Model: Piper PA-31T

Date: 05/18/12

S/N: 7720069

Removed autopilot computer, roll servo and control head to route for overhaul. Reinstalled autopilot computer, control head and roll servo. All work CW IAW PA31T maintenance manual section 12-15. This aircraft airworthy with respect to the above work performed.

Michael G. Angle

W.O.# ABQ2147

Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N#: N950CT

Hobbs: 2535.5

Model: Piper PA-31T

Date: 6/6/12

S/N: 7720069

Serviced oil levels and tire pressures IAW PA-31T chapter 12. This aircraft airworthy with respect to the above work performed.

Michael G. Angle

W.O.# ABQ21786

YEAR: DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106
 N#: N950CT
 Model: Piper PA-31T
 S/N: 7720069

Airframe

FAA CRS J7BR555Y
 Hobbs: 2555.5
 Date: 7/4/12

Removed and replaced hydraulic filter bowl o-rings to the thicker Bendix style o-ring. Work accomplished IAW PA-31T maintenance manual section 6-154. Engine run leak check good. This aircraft airworthy with respect to the above work performed.

Michael G. Angle

W.O.# ABQ2213

YEAR	RECORDING TAGS TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

Bode Aviation



2505 Clark Court Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS: JTB85051

NA: N950CT

Home: 25952

Model: Piper PA-31T

S/N: 772006R

Date: 10-12-12

Replaced left #1 fuel boost pump, PN GR542000UX, with overhauled pump, IAW PA-31T maintenance manual section 9-23. No leaks noted and operational checks good. SN off, B-117; SN on D-4115. Tightened loose screw on pilots floor plate. Straightened and secured Trim Pawl above toilet IAW Standard Practices. Replaced Placard Dimmer Assembly, PN 456-731, IAW section 10-117. Function check of Placard light good. Replaced Sea loose rivets on upper left elevator and painted. Cleaned flap actuator motor, position sender, control box connector and actuator assembly with contact cleaner. Function check of flap retractor and extension checks good. Removed, cleaned, resealed and reinstalled right and left main gear struts IAW section 7-24 thru 7-26. No leaks noted after servicing with hydraulic fluid and nitrogen IAW section 2-32. This aircraft airworthy with respect to the above work performed.

Michael G. Angie

W.O. # ABQ2280

YEA

Inspection Tests Repairs and Alterations

Bode Aviation



DA 2505 Clark Carr Loop SE, Albuquerque, NM 87106 **Airframe** FAA CRS J7BR555Y

N#: N950CT

Heater Hobbs: 0.0

Hobbs: 2628.9

Model: Piper PA-31T

AFTT: 7621.2

S/N: 7720069

Date: 04/01/13

Performed Event I and II inspections this time and date IAW Piper progressive inspection 100Hr inspection program. Cleaned fuel strainer filters. Completed special inspections as follows:

Performed 100 Hr wing flap inspection

Performed 100 Hr emergency exit inspection

Performed 100 Hr cabin cockpit inspection

C/W **AD 82-27-13** by inspection of wing flap transmission.

C/W **AD 2009-13-06** baggage door inspection part 2.

Ground run ops check good at this time.

I certify this aircraft has been inspected IAW an **Event I & II** inspections and was found airworthy with respect to the work performed.

Alex Torres

WO# ABQ2474

2505 Clark Carr Loop SE, Albuquerque, NM 87106 **Airframe** FAA CRS J7BR555Y

N#: N950CT

Hobbs: 2628.9

Model: Piper PA-31T

AFTT: 7621.2

S/N: 7720069

Date: 04/01/13

C/W AD 2003-24-07 by inspection, No defects noted.

Performed ELT check IAW 91.207(d)

I certify this aircraft has been inspected was found airworthy with respect to the work performed.

Alex Torres

WO# ABQ2474

tions

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
DATE			

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.)

Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N#: N950CT
 Model: Piper PA-31T
 S/N: 7720069

Heater Hobbs: 80.2
 Hobbs: 2642.1
 AFTT: 7634.4
 Date: 04/15/13

Replaced L/H strobe light with P/N: A427. Replaced both brake discs with P/N: 164-03906. Cleaned heater spark plug and electrical connections. I certify that this aircraft is airworthy and is approved for return to service with respect to the work performed.

Josh Frick

WO# ABQ2474

Bode Aviation



2505 Clark Carr Loop SE, Albuquerque, NM 87106

Airframe

FAA CRS J7BR555Y

N#: N950CT
 Model: Piper PA-31T
 S/N: 7720069

Hobbs: 2666.4
 Date: 7/11/13

Removed right main tire and wheel assembly and replaced right main tire IAW Piper PA-31T maintenance manual section 7-52. PN: 076-345-0, SN: 6014W00147 (ON), SN: 8252W00166 (OFF). This aircraft airworthy with respect to the above work performed.

Christopher Archuleta

W.O.# ABQ2591

N950CT

Airframe Log

is, Tests, Repairs and Alterations

Name, Rating and Certificate Number of
(see back pages for other specific entries.)

Date: 05/31/13	Make: Piper	Model: PA-31T	S/N: 31T-7720069
Tach: N/A	Hobbs: 2665.6	TTAP: N/A	

The altimeter test and inspections required by FAR 91.411 have been performed and found to comply with FAR 43 Appd. E (b). The aircraft static system has been tested as required by FAR 91.411 and found to comply with FAR 43 Appd. E(a).

#1(S/N) 1514 (Date) 05/31/13 (Tested to) 35,000
 #2(S/N) J1578 (Date) 05/31/13 (Tested to) 35,000

The transponder test and inspections required by FAR 91.413 have been performed and found to comply with FAR 43 Appd. F. The integrated system was tested as required by FAR 91.413 and FAR 91.217 and found to comply with FAR 43 Appd. E(c).

(#1 Model No.) KXP 755 (S/N) 5392 (Date) 05/31/13
 (#2 Model No.) KXP 755 (S/N) 2333 (Date) 05/31/13

Brian Lower for PUVDS37X

Work accomplished at Abq. Aero Services, LLC. Reference work order # ABQ-4106

Work accomplished at Abq. Aero Services, LLC. Reference work order # ABQ-4106

TIFFIN AIRE



N950CT Airframe Log Date 08/01/2018 Hobbs 2856.3 Total Time 7848.6

COMPLETED EVENTS 1 AND 2 IN ACCORDANCE WITH PIPER PA31T AND PA31T1 CHECKLIST. REPLACED CENTRAL AIR FILTER AAD9-18-1; REPLACED TOBACCO FILTERS. INSPECTED BOTH FIRE BOTTLES PER NFPA #10 MANUAL 6 YEAR INSPECTION DUE 7-24 BOTH BOTTLES. CHANGED ELT BATTERIES P/N AK-451-2 NEXT DUE 7-2023. COMPLIED WITH AMERI-KING A.D. 17-16-01 FOUND OK. PERFORMED ACRYLIC WINDOW PRISM INSPECTIONS. PERFORMED FUEL CELL INSPECTION. COMPLIED WITH A.D. 04-25-16R1 HEATER FUEL VALVE INSPECTION - NO LEAKS NOTED. A.D. 09-13-06 INSPECTION OF NOSE BAGGAGE DOOR LUBRICATED AND TESTED KEY EXTRACTION. A.D. 82-27-13R2 FLAP TRANSMISSION INSPECTION FLEX DRIVE SHAFT - NO DEFECTS NOTED PER (c)(2). A.D. 03-24-07 INSPECT RUDDER TORQUE TUBE FOR CORROSION - NO DAMAGED FOUND. A.D. 17-02-06 MAIN CIRCUIT BREAKER PANEL AND WIRING CLEARANCE FOUND OK. COMPLIED WITH SL1054 PROPELLER ARM INSPECTION - FOUND OK. REPLACED BOTH OIL COOLER DOOR ACTUATING MOTORS P/N 651-802; 2 EACH LEFT S/N 1328A, RIGHT S/N 1329A. CLEANED AND REPACKED GREASE IN TRANSMISSIONS. INSTALLED, RIGGED AND ADJUSTED LIGHT SWITCH AND OPERATIONALLY TESTED. CONDENSOR FAN MOTOR BRUSHES MEASURE 1/2" IN LENGTH. RESEALED UPPER AND LOWER ANTENNAS WITH BOSTIK 100. REPLACED VARIOUS RIVETS WITH CHERRY LOCK OVERSIZED DIAMETER AT BOTTOMS OF BOTH FLAPS. REPLACED TAIL NAV POWER SUPPLY WITH WHELEN 01-077006-08 S/N 30299. REPLACED LAMP SOCKET WITH A506 AND NAV BULB 34-0428070-64; OPERATIONALLY TESTED OK. TROUBLESHOOT INOP EL PANELS TO BURNT RIGHT FORWARD PANEL REPLACED 80479-003. RESOLDERED LOOSE WIRES IN OVERHEAD LIGHT PANEL. CHECKED TCD SHEET TO SHOW ALL PLACARDS INSTALLED AND POH IS CURRENT TO REV. 12. CAP CHECKED SHIPS BATTERY TO 90%. A.D.'S CHECKED THROUGH 2018-13. CHANGED BOTH HYDRAULIC FILTERS. INSPECTED TIRES, BRAKES AND PADS, GREASED GEAR. PERFORMED GEAR RETRACTION AND EMERGENCY EXTENSIONS. TOPPED OFF HYDRAULIC AND BRAKE RESERVOIRS WITH MIL SPEC 5606. CLEANED BOTH FUEL GASKOLATOR BOWLS; INSTALLED WITH NEW O-RING SEALS.

ELT Battery Due: 7-2023 ELT Operation and Corrosion Check Due: 8-2019 Altimeter & Static Check Due: 7-2019

Weight Due: Empty Wt. 5653; C.G. 130.26; Useful 3397.0; Gross 9000 Transponder Encoder Check Due: 7-2019

I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Work performed by Tiffin Aire, Inc.

Signature

IA3462159

TIFFIN AIRE



N950CT Airframe Log Date 9/3/2019 Hobbs 2885.0

COMPLETED EVENTS 1 AND 2 IN ACCORDANCE WITH PIPER PA31T/PA31T1 INSPECTION CHECKLIST. PERFORMED INTERIOR AND EXTERIOR LIGHT CHECK, STALL WARNER AND BOTH PITOT HEAT, PROP HEAT AND LIP HEAT. COCKPIT FIRE BOTTLE 6 YEAR DUE 7-24; CABIN FIRE BOTTLE DUE 7-24. INSPECTED PER NFPA #10 MANUAL. POH IS CURRENT TO REV. 12. REPLACED GYRO FILTER. PERFORMED ACRYLIC WINDOW PRISM INSPECTION. COMPLIED WITH A.D.S 04-25-16R1 HEATER FUEL VALVE INSPECTION WITH NO LEAKS NOTED; 09-13-06 INSPECTION OF NOSE BAGGAGE DOOR LUBRICATION AND TESTED KEY EXTRACTION; 82-27-13R2 FLAP TRANSMISSION INSPECTION FLEX DRIVE SHAFT – NO DEFECTS NOTED PER PAR (c)(2); 03-24-07 INSPECTION OF RUDDER TORQUE TUBE FOR CORROSION – NO DAMAGE FOUND; 17-02-06 INSPECTED MAIN CIRCUIT BREAKER PANEL AND WIRING CLEARANCE AND FOUND OK. COMPLIED WITH SL 1054 PROPELLER CONTROL ARM INSPECTION AND FOUND NO DAMAGE. CHANGE BOTH HYDRAULIC FILTERS AND SERVICED HYDRAULIC POWER PACK AND BRAKE RESERVOIR. REPACKED ALL WHEEL BEARINGS AFTER CLEANING. REPLACED LEFT MAIN GEAR TIRE WITH MICHELIN 6.50-10/10 TIRE. GREASED GEAR AND SWUNG GEAR, CHECKED EMERGENCY GEAR EXTENSION. CLEANED BOTH FUEL GASKOLATOR BOWL AND ASSEMBLED WITH NEW O-RINGS. INSPECTED ELT PER A.D. 17-16-01 PAR (3) AND FOUND OK. CAP CHECKED SHIPS BATTERY TO 108%. A.D.S CHECKED THROUGH 2019-14. REPLACED VARIOUS SMOKING RIVITS IN BOTH MAIN GEAR AUX GEAR DOORS. CHECKED TCD SHEET TO PLACARDS INSTALLED. REWIRED HEATER HOBBS ACROSS PINS #2 AND #5 TO OPERATE. EMERGENCY WINDOW FLANG AND OPENING CLEANED OF OLD TAPE AND GRIME; RESEALED AND LUBRICATED SEAL. REPLACED LEFT OIL PRESSURE GAUGE P/N 3-311-3 S/N T602.

ELT Battery Due: 7-2023 ELT Operation and Corrosion Check Due: 9-3-2020

Altimeter & Static Check Due: 8-2021 Weight Due: Empty Wt. 5653.0; C.G. 130.20; Useful 3397.0

Transponder Encoder Check Due: 8-2021

I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Work performed by Tiffin Aire, Inc.

Signature

J. H. McGuire

IA3462159

A. D. No.
and Date

Method of Compliance
(See Log for Details)

Time on
Aircraft

Date of
Compliance

Signature and
Certificate No.



Muncie Aviation Company
An Employee Owned Company



<u>Reg. Mark</u>	<u>Hobbs</u>	<u>Make</u>	<u>Model</u>	<u>S/N</u>
N950CT	2839.3	Piper	PA-31T	31T-7710069

Removed Items: King #1 Transponder R/T KXP-755 p/n 066-1041-00
King #2 Transponder R/T KXP-755 p/n 066-1041-00
King KDF-805 ADF Receiver p/n 066-1047-00
King KFS-580B ADF Controller p/n 071-1066-00
King KFS-570B Transponder Controller p/n 071-1043-02

Installed Items: Garmin GTX345 ADS/B In/Out Transponder p/n 011-03302-00, s/n 3EG029156, FS-91.0
Garmin GTX335 ADS/B Out Transponder p/n 011-03300-40, s/n 3EE421174, FS-91.0

Installed Garmin GTX345 Transponder with ADS-B In/Out functionality as the #1 Transponder and GTX335 Transponder with ADS-B Out as the #2 Transponder IAW STC #SA01714W1, revision 6, amended 09/09/2019 and GTX3XX Part 23 AML STC Installation Manual 190-00734-10, revision 14, dated 01/30/2020. The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR section 91.227. The Transponder has been tested as required by 91.413 and was found to comply within limits set in FAR 43, appendix F. Performed electrical load analysis IAW previously mentioned installation manual. Load change was found to be -3.10 amps. The aircraft Weight & Balance/Equipment List was updated to reflect the removed and installed equipment changes. An FAA Form 337 has been completed and placed in the aircraft's permanent records.

The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Details of the repair/inspection are on file at this C.R.S under Shop Order No. A-20-2659
Date 3/20/2020 Signed Inspector For Muncie Aviation Company
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
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Muncie Aviation Company
An Employee Owned Company



<u>Reg. Mark</u>	<u>Hobbs</u>	<u>Make</u>	<u>Model</u>	<u>S/N</u>
N950CT	2893.3	Piper	PA-31T	31T-7720069

I certify that the transponder has been tested as required by 91.413. Unit was found to comply with the limits set in FAR 43, Appendix F.

#1 Transponder: Mfg Garmin Model GTX345 S/N 3EG029156

#2 Transponder: Mfg Garmin Model GTX335 S/N 3EE421174

Details of the inspection are on file at this C.R.S. under Shop Order No.: A-20-2659

Date 3/20/2020 Signed *[Signature]* Inspector For Muncie Aviation Company

CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141
