

# Airframe

### FAA Airworthiness Directives Compliance Record

**Company:** L&L  
**Category:** Airframe  
**Manufacturer:** Piper Aircraft, Inc.  
**Model:** PA-31T

**Position:**  
**P/N:**  
**S/N:**

**Aircraft Registration No:** N555PM  
**ATP Revision:** 09/01/2018

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2017-02-06 02/22/2017	[Recurring] To detect and correct rubbing/ chafing of wiring with other wires, adjacent structure, and/or flammable fuel,contd.	09/05/2018 Hrs: 2434.2 C: --	C/W BY INSPECTION	Yes	D: 09/05/2019 Hrs: -- C: --	A+P [REDACTED]
2012-10-09 06/29/2012	To detect and correct error on the Data Plate	-- Hrs: -- C: --	N/A TO S/N	No	D: -- Hrs: -- C: --	[REDACTED]
2009-13-06 R1 11/03/2011	[Recurring] To establish life limits for safety critical nose baggage door components, replace those safety-critical nose,contd.	09/05/2018 Hrs: 2434.2 C: --	C/W BY INSPECTION i/a/w SB 1194B. See note.	Yes	D: -- Hrs: 2534.2 C: --	A+P [REDACTED]
2003-24-07 02/09/2004	[Recurring] To detect & correct corrosion in the rudder torque tube assembly & rudder rib, which could result in failure,contd.	09/05/2018 Hrs: 2434.2 C: --	C/W BY INSPECTION	Yes	D: 09/05/2019 Hrs: -- C: --	A+P [REDACTED]
2001-06-01 05/08/2001	[Recurring] To detect and correct damage to the elevator structure	03/08/2000 Hrs: 3962.7 C: --	C/W BY INSTALLATION OF KIT P/N 766-219 I/A/W SB 897	No	D: -- Hrs: -- C: --	[REDACTED]
2000-25-01 01/19/2001	[Recurring] To detect and correct cracked main landing gear (MLG) inboard door	08/26/2009 Hrs: 6084.2	C/W BY INSPECTION	Yes	D: -- Hrs: 8084.2	[REDACTED]

RECORDING 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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09/05/2017 N555PM MODEL:PA-31T SN:PA-31 TT/HM:2374.9/7678.9 WO#:SH17-00355

C/W EVENT 1 AND 2 INSPECTIONS  
 Removed air condition drive Assy to replace broken belt. Replaced compressor drive quill shaft P/N 50110-02 due to ar. Installed new drive belt per PA-31T M/M.  
 Replaced broken static wicks on outboard fuel tanks.  
 RADAR INOP. TROUBLESHOT AND FOUND UNIT WILL NOT POWER UP. ORDERED LOANER UNIT FROM DUNCAN AND UNIT IS SENT OUT FOR OVERHAUL. OPSS CHECK GOOD WITH LONER UNIT  
 MOVED LOANER RADAR R/T AND INSTALLED REPAIRED UNIT OPSS CHECK GOOD WITH REPAIRED  
 JIT OFF UNIT: P/N 400050-0101 S/N 1531 8/15/17 CG ON UNIT: P/N 400050-0101 S/N 2895 8/15/17 CG OFF  
 JIT: P/N 400050-0101 S/N 2895 8/30/17 CG ON UNIT: P/N 400050-0101 S/N 1531 8/30/17 CG  
 Replaced flap motor per M/M  
 C/W AD 2003-24-07 RUDDER TORQUE TUBE BY INSPECTION  
 C/W AD 2009-13-06 ON NOSE BAGGAGE DOOR BY INSPECTION.  
 C/W AD 2017-02-06 ON ELECTRICAL WIRING BY INSPECTION.  
 C/W FAR 91.207 (D) on ELT by inspection and ops check.

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

PROVED BY [REDACTED]  
 Maurice Lemmond A&P [REDACTED] AI

YEAR 20 DATE	RECORDING TACH TIME	
		DATE: 9/25/2017 0007
		I Certify that the aircraft has been tested and found airworthy.
		<b>Altimeter:</b>
		#1 M
		#2 M
		Stdby M
		<b>Altitude re</b>
		I certify that the aircraft complies with Appendix F of FAR 91.405.
		<b>Transponder:</b>
		#1 M
		#2 M
		<b>NEXT DUE</b>
		I certify that the aircraft complies with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.
		APPROVED



TER	NO	CONTRACTS	W.O.	IF Yes, see	ENC
STDC	LH	YES			
458	RH				
25772	TOL				
20					
20					
20					
25					
30					
30					
35					

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

DATE: 9/28/17 MODEL: Cheyenne S/N: 3LT-76200028 TT: 2379.9 TC: N#555PM WO#AV17-30007

I certify that the following Altimeter(s), Static System(s) and Altitude Reporting System(s) have been tested in accordance with FAR 91.411 and Appendix E of Part 43.

**Altimeter:**

#1	Model: IDC	P/N: 574-22702-031	S/N: 1458	Date: 9/28/17
#2	Model: United	P/N: 5934PA-1	S/N: 25772	Date: 9/28/17
Stdby	Model: N/A	P/N: N/A	S/N: N/A	Date: N/A

Altitude reporting system tested to 35,000 feet.

I certify that the following Equipment have been tested in accordance with FAR 91.413 and Appendix F of Part 43.

**Transponder:**

#1	Model: Garmin	P/N: 011-00455-00	S/N: 84115603	Date: 9/28/17
#2	Model: Garmin	P/N: 011-00490-00	S/N: 83502028	Date: 9/28/17

NEXT DUE DATE: 9/28/19

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service. Pertinent details of the repairs are on file at FAA approved Repair Station Number Y5QR167C. Precision Air - Florence: 500 South McCall Boulevard Florence, SC 29506

APPROVED BY: 



AMERON GLC  
10271 Bach Boulevard, San  
800114-15  
800112-01  
Part Number:  
AMERON GLC  
10271 Bach Boulevard, San  
800114-15  
800112-01  
Part Number:  
AMETEK  
FAUNTED STATES  
AUTHORITY/COUNTRY:  
APPROVING CIVIL AVIATION

9. Item: 7: Description:  
OXYGEN  
ASSEMBLY  
001  
12. Remarks  
1. DISASSEMBLED, CLEANED AND  
REPAIRED AS NECESSARY.  
2. REASSEMBLED, SERVICED &  
HYDROSTATICALLY TESTED.  
3. REASSEMBLED, SERVICED &  
HYDROSTATICALLY TESTED.  
4. HYDROSTATICALLY TESTED  
AD'S.  
5. WORK ORDER ATTACHED  
NEXT HYDROTEST DUE  
IN ACCORDANCE WITH  
AMERON GLOBAL  
ADDITIONAL COMMENTS  
6. WORK ORDER ATTACHED  
NEXT HYDROTEST DUE  
IN ACCORDANCE WITH  
AMERON GLOBAL  
ADDITIONAL COMMENTS  
7. AMERON GLOBAL  
ADDITIONAL COMMENTS  
8. WORK ORDER ATTACHED  
NEXT HYDROTEST DUE  
IN ACCORDANCE WITH  
AMERON GLOBAL  
ADDITIONAL COMMENTS  
9. WORK ORDER ATTACHED  
NEXT HYDROTEST DUE  
IN ACCORDANCE WITH  
AMERON GLOBAL  
ADDITIONAL COMMENTS  
APPROVAL NUM



09/05/2018 N555PM MODEL:PA-31T SN:31T-76200028 TT/HM:2434.2 WO#:M18-00533

- 1.. Complied with Event I and II. I/A/W Piper PA-31T1 Service manual.
2. Removed P/N 23048-006 S/N 10585 starter generator and installed overhauled P/N 23048-006 S/N 5749M on right engine and removed P/N 23048-006 S/N 658M and installed P/N 23048-006 S/N 6181 on left engine. Lubricated splines to C/W 300hr inspection and 300hr brush inspection was C/W at overhaul. Ops check good.
3. Replaced left and right hydraulic filters.
4. Replaced left and right oil drain hoses at oil fill spill catches.
5. Replaced engine breather hoses.
6. Replaced left and right generator air duct hoses.
7. Replaced all fuel cap O-Rings.
8. Replaced oxygen bottle assembly with exchange assembly p/n 800112-01/800114-15 s/n 7614S/9969 after overhaul and hydrostatic test by Ametek. See form 8130-3. W/O number 848143. Next hydrostatic test due 10/2021. Serviced to 1950 psi.
9. Drained and replace oil in both engines
10. C/W AD 82-27-13R2 by inspection of flap transmissions in accordance with Piper SB 494B.
11. Complied with AD 2003-24-07 on rudder torque tube by borescope inspection in accordance with Piper Service Bulletin 1105A.
12. C/W AD 2009-13-06RI on nose baggage door I/A/W Part II of Piper SB 1194B by inspection.
13. Complied with AD 2017-02 on wiring by inspection in accordance with Piper Service Bulletin 1301.
14. Complied with FAR 91.207 (d) by replacement of battery, inspection and ops check. Battery replacement date July 2020.
15. C/W AD 2004-21-05 on heater by inspection and heater decay test.

Page 1 of 2

Maurice Lemmon A&T 2007/07/11

ins  
of  
(S.)  
YEAR  
20  
DATE





# Left Engine

OG

er g	Maintenance
1.7	C/W Event 1 and 2 / Annual inspection i (a/w Piper M/M. Replaced igniters. Installed exchanged fuel nozzles.
	been inspected i (a/w an Event M/M and was determined to dition.
	[Redacted]
	A+P [Redacted]

and Remarks	Signature	Certificate No.
C/W Event 1 and 2 inspections per Piper PA-31T2 maintenance manual.		
<p>Engine</p> <p>Engine Oil, Complies With Event 1 and 2</p> <p>Engine Oil Was Determined To Be In</p> <p>Acceptable Condition, Tech Reading: 2374.9</p> <p>Engine Total Hours: 7678.9 Date: 9/01/17</p> <p>Maurice Lortin</p> <p>[Redacted]</p>		



Certification that the work specified in blocks 11/12 was carried out in accordance with EASA part  
**All pertinent work history is kept on file at Memphis Propeller Service Inc. on**  
 All work specified has been performed with reference to FAA approved Repair  
 TSN: unk  
 CSO: 0.0  
 CSN: unk  
 TSO: 0.0

12. Remarks: FAA/PMA Brushes and Bearings Installed

6. Item:	1
7. Description:	Starter-Generator
8. Part Number:	23048-006
9.	
4. Organization Name and Address:	Memphis Propeller Service, Inc. 11098 Willow Ridge Drive Olive Branch
1. Approving Civil Aviation Authority/Country:	FAA/United States

2. **AUTHORIZED RELEASE**  
 FAA Form 8130-3, AIRWORTHY

ENGINE LOG



09/05/2018 N555PM MODEL:PA-31 SN:31T-76200028 TT/HM:2434.2 WO#:M18-00533

1. Complied with Event I and II. I/A/W Piper PA-31T1 Service manual.
- 2 Removed P/N 23048-006 S/N 658M starter generator and installed P/N 23048-006 S/N 6181. Lubricated splines to C/W 300hr inspection and 300hr brush inspection was C/W at overhaul. Ops check good.
3. Replaced hydraulic filter.
4. Replaced oil drain hoses at oil fill spill catches.
5. Replaced engine breather hose..
6. Replaced generator air duct hose.
7. Performed compressor wash.

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

APPROVED BY [REDACTED]  
 Maurice Lemmond A & I [REDACTED] IA

Total to Carry Forward [REDACTED]

# Left Propeller





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



09/05/2018 N555PM MODEL:PA-31 SN:31T-76200028 TT/HM:2434.2 WO#:M18-00533

1. Complied with Event I and II. I/A/W Piper PA-31T1 Service manual.

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

APPROVED BY \_\_\_\_\_  
Maurice Lemmond A & P \_\_\_\_\_/IA


# Right Engine

DG

er ig	Maintenance
7	Clw Event 1 and 2/Annual inspection i/a/w Piper M/M Installed exchanged fuel nozzles  s been inspected i/a/w An Event 1 e Piper M/M and was determined ondition.
	<div style="background-color: black; width: 100%; height: 15px; margin-bottom: 5px;"></div> AWP <div style="background-color: black; width: 50px; height: 15px; display: inline-block;"></div> AJ

and Remarks	Signature	Certificate No.
Clw Event 1 and 2 inspections per Piper PA-31T2 maintenance manual		
I Certify That This <u>ENGINE</u> Has Been Inspected In Accordance With <u>Event 1 and 2</u> Inspection And Was Determined To Be In Airworthy Condition, Tach Reading: <u>2374.9</u> Aircraft Total Time <u>7678.9</u> Date <u>9/6/17</u>		
Maurice Lemmond A&P <div style="background-color: black; width: 50px; height: 15px; display: inline-block;"></div>		



1. Approving Civil Aviation Authority/Country:  
 FAA/United States

2. **AUTHORIZED RELI**  
 FAA Form 8130-3, AIRWOR

4. Organization Name and Address:  
 Memphis Propeller Service, Inc. 11098 Willow Ridge Drive Olive 18-00533

6. Item:	7. Description:	8. Part Number:	9.
1	Starter-Generator	23048-006	R

12. Remarks: FAA/PMA Brushes and Bearings Installed  
 All work specified has been performed with reference to FAA approved di  
 Goodrich/Safran CMM 23048 Series Rev. 21

TSN: unk CSN: unk

TSO: 0.0 CSO: 0.0

All pertinent work history is kept on file at Memphis Propeller Service Inc. inspected in  
 and is approved

\*Certification that the work specified in blocks 11/12 was carried out in accordance with EAS  
 service under EASA part 145 Approval No.: EASA.145.6144

Carry Forward



ready for release to

Manufacturer's data. Reference manufacturers data

Quantity:	1
10. Serial Number:	5749M
Branch, MS. 38654 FAA RS# P14R441M	
<b>EASE CERTIFICATE</b>	
THINNESS APPROVAL TAG	
11. Status/Work:	Overhauled
5. Work Order/Contract/Invoice Number:	SG0717002
3. Form Tracking Number:	Same as Block 5

ENGINE LOG



09/05/2018 N555PM MODEL:PA-31 SN:31T-76200028 TT/HM:2434.2 WO#:M18-00533

1. Complied with Event I and II. I/A/W Piper PA-31T1 Service manual.
2. Removed P/N 23048-006 S/N 10585 starter generator and installed overhauled P/N 23048-006 S/N 5749M. Lubricated splines to C/W 300hr inspection and 300hr brush inspection was C/W at overhaul. Ops check good.
3. Replaced hydraulic filter.
4. Replaced oil drain hoses at oil fill spill catches.
5. Replaced engine breather hose..
6. Replaced generator air duct hose.
7. Performed compressor wash.

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

APPROVED BY [Redacted Signature] Maurice Lemmond A & P [Redacted] IA

Total to Carry Forward [Redacted]

# Right Propeller





