

Section 1: Airframe Log

DA1
/

C.R. AVIATION, INC

Date: 12/24/2014 Reg #: N135VE Model: PA-31T S/N: 31T-7520024 W/O: 1716
Aircraft Total Time: 7,122.2 T.C. A8EA MFD Date: 1975 Aircraft Total Landings: 8,245 Hobbs: 02351.4
Maint Program: 91.409 Date of last Insp: 05/12/2014 Type of last Insp: Event 2
L/H ENG MFD: P&W Model: PT6-135 Ser# PCE-92028 T.C.: E4EA ETTSN: 5,831.5 hrs ETSMOH: 1,988.8
Last O/H Date: 2003 Total Cycles: 1870 HSI: 234.7 Done by Dallas Airmotive WO# RPR32352 Cert# YRR5491L
Dated 06/20/2013
R/H ENG MFD: P&W Model: PT6-135 Ser# PCE-92030 T.C.: E4EA ETTSN: 5,831.5 hrs ETSMOH: 1,988.8
Last O/H Date: 2003 Total Cycles: 1870 HSI: 234.7 Done by Dallas Airmotive WO# RPR32352 Cert# YRR5491L
Dated 06/20/2013
L/H Propeller MFD: Hartzell Model: HC-B3TN-3C Ser#: BUA24161 T.C. P15EA PTSMOH: 375.3
Last date SMOH: 11/30/2012
R/H Propeller MFD: Hartzell Model: HC-B3TN-3C Ser#: BUA26212 T.C. P15EA PTSMOH: 375.3
Last date SMOH: 11/30/2012

The Following AD'S were checked for Compliance bi-weekly 2014-25:

09-13-04 PICW BY C ROBERT AMO 86-97 CERT: M437206 AT 6655.2 NEXT DUE AT: 7655.2 AIRCRAFT TOTAL TIME TODAY
12-23-2014 LAST COMPLIANCE MAY 19-2012
05-18-20 N/A BY P/N AND OVERHAUL DATED
05-01-19 N/A BY INSTALLATION
04-25-16 r1 FOUND N/A ON MARCH 20/008 BY AMO 86-97
03-24-07 JAN 16/2009 KIT767-48 INSTALLED I.A.W AMM 4-32 AND 4-33 INSPECTION COMPLETED BY C ROBERT CERT:
M437206
01-06-01 ON MARCH/2008 DETERMINED NO LONGER RECURRING BY KIT INSTALLED 766-219 CERT: M435240
00-25-01 ON MARCH 13/2007 AIRCRAFT TT: 5503.3 P/N INSTALLED 46652-2-1 NO LONGER RECURRING BY CERT: M435240
00-06-06 FOUND PICW MARCH-12-2001 FLIGHT MANUAL SUPPLEMENTAL INSERTING BY CERT: M435240
97-16-10 FOUND N/A BY INSTALLATION
96-21-03 NOV 20-1995 AIRCRAFT TT: 4045.9 C/W S/B 967 NO LONGER RECURRING BY CERT: M435240
96-10-13 DECEMBER-1986 AT 1725 C/W AD84-08-06 NO LONGER RECURRING BY CERT: M435240
94-06-04 ON 04/21/95 FOUND N/A BY INSTALLATION BY SKY HARBOR PHOENIX ARIZONA CERT: R553P
82-27-13 r2 ON MARCH-12-2007 C/W BY FLIGHT READY AVIATION AND FOUND NO LONGER APPLICABLE CERT: M435240
78-25-03 N/A BY AIRCRAFT S/N
78-13-06 ON JULY 5-1985 FOUND PICW BRAKE DISC INSTALLED P/N 164-39F NO LONGER APPLICABLE CERT: M435240
78-12-06 FOUND N/A BY S/N CERT: M435240
78-08-12 PICW ON MAY 1978 AT 498 ATT ONE TIME BY CERT: M435240
Engines
14-11-05 N/A BY MODEL AND S/N
12-09-10 N/A BY DATE AND P/N
02-23-13 PICW BY DALLAS AIR MOTIVE ON JUNE 27, 2003
Props
09-10-14 PICW AT PROPELLER OVERHAUL
06-24-07 PICW AT PROPELLER OVERHAUL
05-18-20 PICW AT PROPELLER OVERHAUL
05-14-12 PICW AT PROPELLER OVERHAUL
05-14-11 PICW AT PROPELLER OVERHAUL
05-04-08 PICW AT PROPELLER OVERHAUL
03-13-17 PICW AT PROPELLER OVERHAUL
03-04-23 PICW AT PROPELLER OVERHAUL
86-05-12 PICW AT PROPELLER OVERHAUL
70-05-06 PICW AT PROPELLER OVERHAUL

CW ELT

Signed:

A&P



PCE92028				PCE92030			
L/H ENGINE				R/H ENGINE			
NAME	PART NUMBER	SERIAL NUM	TOTAL HOURS	NAME	PART NUMBER	SERIAL NUM	TOTAL HOURS
DISC-SIG 1 P.T.	3022312	6A177	5831.5	DISC-SIG 1 P.T.	3022312	6A177	5831.5
DISC-SIG 2 Comp.	3011713	5A221	5831.5	DISC-SIG 2 Comp.	3011713	5A221	5831.5
DISC-SIG 3 Comp.	3011712	5A083	5831.5	DISC-SIG 3 Comp.	3011712	5A083	5831.5
DISC-SIG 4 Comp.	3011711	6A415	5831.5	DISC-SIG 4 Comp.	3011711	6A415	5831.5
DISC-SIG 5 Comp.	3024211	60485	5831.5	DISC-SIG 5 Comp.	3024211	60485	5831.5
DISC-SIG 6 Comp.	312071-01	N/A	1988.8	DISC-SIG 6 Comp.	312071-01	N/A	1988.8
Blades-C.T.	312071-01	N/A	1988.8	Blades-C.T.	312071-01	N/A	1988.8
TOTAL HOURS				TOTAL HOURS			
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OKEECHOBEE
Painting Center

LOG BOOK SUPPLEMENT

MAKE: Piper	MODEL: PA-31T	S/N: 31T-7520024
REGISTRATION #: N135VE	DATE: 04/13/2015	
MAIN JOB: Strip and Paint with Polyurethane		
PRIMARY COLOR: AWLGrip - Matterhorn White - G8003		
SECONDARY COLOR: Jet Glo - Black 01955		
TRIM 2: Acry Glo - Ruby 10701		
TRIM 3: Acry Glo - Las Vegas Gold 10494		
CUSTOM PAINTED BY: Okeechobee Painting Center LLC		
The aircraft was stripped, etched, primed and painted with the above colors. The primary and secondary flight controls were removed. The primary flight controls were checked for balance and found within limits. All work was performed in accordance with the Piper maintenance manual Chapter 4-74.		
With respect to the above work performed this aircraft is approved for return to service.		

SIGNATURE: [Redacted] CENSE # [Redacted]

Enrique's Custom Upholstery

Date: April 30, 2015

N135YE Make: Piper Model: PA-31T Serial# 31T-750024

New Interior done by Enrique's Custom Upholstery.

Material used: Skandia Polyurethane Foam 1/2 in. Redrock Custom Carpet Inc- Thunderous 1012 RRC-3512.

Douglass Interior Products SS-Light Grey: Sheepskin.

Rich Leather: Black, D/I 86-11.

Inspector installation of carpet, and seats. Test results IAW 14CFR 25.853 (A) Appendix F. Section (A)

All burn tests results given to the owner

[Redacted]

Raymond E. Russell A&P [Redacted]

PIPER

CARRY FORWARD to Top of Next Page

N135VE AIRFRAME LOG ENTRY 05/22/2015
PIPER PA31T SER# 31T-7520024 HRMTR: 2355.4 TTSN: 7126.2

Complied with Event 18.2 inspection per Piper progressive inspection program Form # 761-644 and current FAR's. See Following for Actions Taken toward renewal of airworthiness certificate. ADs checked and verified complied with, see master AD list for Compliance method and when next due.

1. Service aircraft battery in accordance with MFR's instruction regarding Electrolyte Level and charging. Clean battery tray and install battery upon completion.
2. Remove and replace engine fuel filter P/N 8112-2
3. Replace six(4) brake lining P/N 066-06800.
4. Install new hydraulic filter P/N AN6235-1A, and service with Phillips 5606.

I CERTIFY THE ABOVE WORK WAS DONE IN ACCORDANCE WITH MFR'S INSTRUCTIONS AND IS APPROVED FOR A RETURN TO SERVICE.

Date: MAY/22/2015

Authorized Signature: [Redacted]
Antonio J. Espinoza A/P

N135VE AIRFRAME LOG ENTRY 06/10/2016 TOTAL LANDING 6300
PIPER PA31T SER# 31T-7520024 HRMTR: 2397.5 TTSN: 7168.3

Complied with Event 18.2 inspection per Piper progressive inspection program Form # 761-644 and current FAR's. See Following for Actions Taken toward renewal of airworthiness certificate. ADs checked and verified complied with, see master AD list for Compliance method and when next due.

1. Service aircraft battery in accordance with MFR's instruction regarding Electrolyte Level and charging. Clean battery tray and install battery upon completion.
2. Remove and replace engine fuel filter P/N 8112-2
3. Replace six(6) brake lining P/N 066-06800.
4. Remove and install new hydraulic filter P/N 572754, and service with Phillips 5606.
5. Replaced trim Wheel Assy P/N 494-577.
6. Janitrol decay test performed, no faults found
7. A/C compressor belt Replaced with new
8. Change right main tire 6.50X10 with new
9. Comply with AD 2003-24-02 no corrosion noted at this time.

I CERTIFY THE ABOVE WORK WAS DONE IN ACCORDANCE WITH MFR'S INSTRUCTIONS AND IS APPROVED FOR A RETURN TO SERVICE.

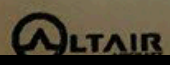
Date: June/10/2016

Authorized Signature: [Redacted]
Antonio J. Espinoza A/P

Photo 2 – Airframe Log

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LICENCE:
 AME or
 AMO/ACA



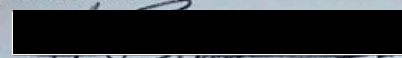
N135VE AIRFRAME LOG ENTRY 10/12/2017

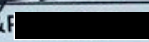
PIPER PA-31T SER# 31T-7520024

1. Removed and replace with overhauled flap motor P/N 1202-00-1 S/N 5350.
2. Removed and replace battery with new Gill P/N LT7638-44 S/N G02977100.
3. Removed and replace 4 prop D-ICE brushes with new P/N RA1543-7 and replace terminals for D-ice relay.
4. Remove and replace 2 prop governor gaskets P-N VE206684.

I CERTIFY THE ABOVE WORK WAS DONE IN ACCORDANCE WITH MFR'S INSTRUCTION.

Date: OCT 12, 2017

Authorized Signature: 

Antonio Espinoza A&F 

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Photo 3 – Airframe Log

Section 1: Airframe Log

DATE	AIR TIME		
	DAILY TOTAL	TOT	
	HRS	MIN	HOURS
CARRIED FORWARD			

6/20/2018 N135VE Piper PA31T S/N 31T-7520024 Hobbs: 2732.4

Removed inverter P/N PC-15BC S/N 5334. Installed overhauled inverter P/N PC-15BC S/N 8962. Completed gear retraction & extension check 7 times no faults noted. Serviced hyd fluid.

Randy Fisher A&P

8/30/2018 N135VE Piper PA31T Hobbs: 2779.2

Replaced A/C low pressure switch P/N 588-018, expansion valve P/N 765-214, receiver dryer P/N 552-214. Serviced with 134A. ran aircraft for ops check Ok.

Randy Fisher A&P

10/15/2018 N135VE Piper PA31T S/N 31T-7520024 Hobbs: 2725.2

Replaced left engine oil temp sensor.

Randy Fisher A&P

11/8/2018 N135VE Piper PA31T S/N 31T-7520024 Hobbs: 2725.2

Replaced left oil vematherm P/N 8000948.

Randy Fisher A&P

12/6/2018 N135VE Piper PA31T S/N 31T-7520024 Hobbs: 2801.8 AFTT:7572.6

Complied with event 2 inspection IAW Piper inspection form #761-644. Complied with 100 hour special inspections. Installed 2 new Hydraulic filters P/N AN6235-1A. Installed new heater hobbs meter. Complied with heater decay test due at hobbs 0100.0 or 12/2020. replaced right prop heat brushes P/N RA1543-7. ELT checked IAW FAR 91.207 Parts C&D. ELT Battery due 11/2021.

Oxygen cycliner hydrostatic tested next due 11/2023. AD 09-13-06 Baggage door assembly. C/W Par (F) (2) next due Hobbs: 2901.8 AD 00-25-01 MLG Door hinge. C/W Par. (D) (2). Next due Hobbs: 2901.8 AD 82-27-13 Flap transmission. C/W Par C (2). Next due Hobbs: 2901.8 Aircraft is approved for return to service.

Randy Fisher A&P

REPAIRS & REPLACEMENT

8/5/2019 N135VE Piper PA31T S/N 31T-7520024 Hobbs: 2893.0 AFTT: 7653.8

Complied with event 1 inspection IAW Piper inspection form #761-644. Complied with 100, 200, 300 and 400 hour applicable special inspections. Replaced left and right upper engine mounts P/N 761-612 and 761-613. Installed 2 new Hydraulic filters P/N AN6235-1A. ELT checked IAW FAR 91.207 Parts C&D. ELT Battery due 11/2021. AD 09-13-06 Baggage door assembly. C/W Par (F) (2) next due Hobbs: 2796.3 AD 00-25-01 MLG Door hinge. C/W Par (D) (2) Next due Hobbs: 2796.3 AD 82-27-13 Flap transmission. C/W Par C (2). Next due Hobbs: 2796.3 C/W AD 2003-24-07 Rudder torque tube inspection no fault's noted. Due 8/2020 Aircraft is approved for return to service

Randy Fisher A&P

Pilot

Altitude	Scale Error	Tot	Position	Case Lock	18,000	1,000
-1000	0	20	-	18000	172	
0	0	20	-	18000	172	
500	-5	25	-	40%	800	20
1000	0	25	20	70	80%	15
1500	-5	25	-	20	70	15
2000	-5	30	20	70	80%	15
3000	-10	30	10	70	28.10	-17.30
4000	-15	35	-	29.10	-13.40	-13.40
5000	-	40	70	28.10	-9.50	-9.50
6000	-30	40	-	28.10	-39.5	-39.5
8000	-40	60	-	28.10	0	0
10000	-40	80	80	30.50	52.5	131
12000	-30	80	-	30.50	89.5	89.5
14000	0	100	-	30.50	97.0	97.0
15000	-	-	40	30.50	97.0	97.0
16000	-10	110	-	30.50	97.0	97.0
18000	-35	120	-	30.50	97.0	97.0
20000	-55	130	30	100	100	100
22000	-100	140	-	100	100	100
25000	-180	150	100	100	100	100
30000	-205	160	100	100	100	100
35000	-205	170	100	100	100	100
40000	-205	180	100	100	100	100
45000	-205	190	100	100	100	100
50000	-205	200	100	100	100	100

Tested in accordance with FAA FAR 43.16(b)(1) & (2) calibrated to 35K. P. W. G. # 2165

Vulcan Aviation, Inc. 821 Swine Road South Daytona, FL 32118 FAA CRO & SRA/TEX 386-767-6763

Copilot

Altitude	Scale Error	Tot	Position	Case Lock	18,000	1,000
-1000	0	20	-	18000	172	
0	0	20	-	18000	172	
500	-10	25	-	40%	800	20
1000	0	25	20	70	80%	15
1500	-10	25	-	20	70	15
2000	-10	30	20	70	80%	15
3000	-10	30	10	70	28.10	-17.30
4000	-15	35	-	29.10	-13.40	-13.40
5000	-	40	70	28.10	-9.50	-9.50
6000	-30	40	-	28.10	-39.5	-39.5
8000	-40	60	-	28.10	0	0
10000	-40	80	80	30.50	52.5	131
12000	-30	80	-	30.50	89.5	89.5
14000	0	100	-	30.50	97.0	97.0
15000	-	-	40	30.50	97.0	97.0
16000	-10	110	-	30.50	97.0	97.0
18000	-35	120	-	30.50	97.0	97.0
20000	-55	130	30	100	100	100
22000	-100	140	-	100	100	100
25000	-180	150	100	100	100	100
30000	-205	160	100	100	100	100
35000	-205	170	100	100	100	100
40000	-205	180	100	100	100	100
45000	-205	190	100	100	100	100
50000	-205	200	100	100	100	100

Tested in accordance with FAA FAR 43.16(b)(1) & (2) calibrated to 35K. P. W. G. # 2165

Vulcan Aviation, Inc. 821 Swine Road South Daytona, FL 32118 FAA CRO & SRA/TEX 386-767-6763

Photo 4 – Airframe Log

Section 1: Airframe Log

DATE /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)	NAME SIGNATURE	LICENCE AWEN ANDICA
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL			
	HRS	MIN	HOURS	MIN	TOTAL	TOTAL			
CARRIED FORWARD							5/6/2020 N135VE Piper PA31T S/N 31T-7520024 Hobbs: 2978.7 AFTT 7749.4 Complied with event 2 inspection IAW Piper inspection form #761-644. Complied with 100 hour special inspections. Installed 2 new Hydraulic filters P/N AN6235-1A. heater decay test due at hobbs 0100.0 or 12/2020. replaced right prop heat brushes P/N RA1543-7. ELT checked IAW FAR 91.207 Parts C&D. ELT Battery due 11/2021. Oxygen cycliner hydrostatic test next due 11/2023. AD 09-13-06 Baggage door assembly. C/W Par (F) (2) next due Hobbs: 3078.7 AD 00-25-01 MLG Door hinge. C/W Par (D) (2). Next due Hobbs: 3078.7 AD 82-27-13 Flap transmission. C/W Par C (2). Next due Hobbs: 3078.7. installed 2 new MT propellers Model # MTV-27-1-E-C-F. R/P/CFR210-58d. Right prop S/N 191490 Left prop S/N 191491. Per STC #SA03249NY (See 337) Aircraft is approved for return to service [Redacted] Randy Fisher A&P [Redacted]		
							5/6/2020 N135VE Tach: 2978.7 C/W AD 2017-02-06 Electrical Power/Electrical Power System Wiring. Per par. g1 and Piper SB1301 par 1 thru 3. No discrepancies found. [Redacted] Randy Fisher A&P [Redacted]		

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Photo 5 – Airframe Log