



*The Standard*

# AIRCRAFT LOG

ASA-SA-1

**Aircraft Record General Information**

Manufacturer PiPER Model PA 28-235  
Serial 28-11169 Registration Number N9450W

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 \_\_\_\_\_

DATE 19 96	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and AlterATIONS Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-18				Removed Foster LRN-500 MOUNTING TRAY. Install Garmin GPS 180 system. PS Engineering PH 1000 II Intercom System see FAA FORM 337 Dated 7/Dis date for details.  Weight to be carried MAC-MICHAEL AUSONICS CRS G45R 900 M
				Weight AND Balance Computed on Removal & INSTALLATION of Equipment by UNKNOWN Party.
				New A/C Empty Weight 1601.06 lbs
				New A/C Empty Moment 133247.13 IN/lbs
				New A/C Empty C.G. 83.22 INs
				New A/C Useful LOAD 1298.94 lbs

# MID-CONTINENT INSTRUMENT COMPANY, INC.

## MID-CONTINENT WEST

ALTIMETER SCALE  
CORRECTION CARD

ALTIMETER S/N 987  
PART NO. SAE-AS-392

REFERENCE ALTITUDE IN FT.	ALTIMETER READS	REFERENCE ALTITUDE IN FT.	ALTIMETER READS
-1000	1020	14000	14040
0	20	16000	16040
500	480	18000	18060
1000	990	20000	20030
1500	1490	22000	
2000	1990	25000	
3000	3000	30000	
4000	4010	35000	
6000	6020	40000	
8000	8020	45000	
10000	10030	50000	
12000	12040		

Tested by: TR 355 Inspector:



Date: 3-5-96

MID-CONTINENT INSTRUMENT

7706 E. Osie  
Wichita, KS 67207  
1-800-821-1212  
316-683-5619

FAA Repair Station # OL2R061L

MID CONTINENT WEST

16555 Sherman Way  
Van Nuys, CA 91406  
818-786-0300  
800-345-7599

FAA Repair Station # OL2D061L

### Tests, Repairs and Alterations

(Name, Rating and Certificate Number of Technician or Repair specific entries.)

Altimeter(s) Make Kollsma

Model AN5700 S/N 987

Certified to meet requirements  
of F.A.R. Part 91.411 Mid Certified

Authorized Sign.

Under Work Order No. 432413

Altimeter tested to 20,000

feet on Date 3-5-96 performed

static system test and inspection

required by FAR Part 91.411

Date 3-12-96 412 West 10th Street

Authorized Sign

FAA Certified Repair Station

#GY5R900M

1251 West Blue Road

Springfield, Ohio 45502

DATE 1996	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/17	2261.1	2261.1		<p>Changed Oil Service w/ 10qts Pennzoil      15-50, Replace Landing Light Bulb,      Replace non-structural screws in fuel      tanks installed by persons unknown,      Rear Door lock, installed new inspi-      ring covers on main gear struts</p> <p><i>M. J. Schell</i>      280-604912 owner</p>

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. PERTINANT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. . . 95-1943.....

DATE: . . . 7-5-95.....

SIGNED: *Russell W. Baumhart* FOR  
KEYSTONE INSTRUMENTS, INC. REPAIR STATION NO. BX1R050K  
WM. T. PIPER MEMORIAL AIRPORT INSTRUMENT CLASS 1,2,3,4  
P.O. BOX 2 AND SPECIALIZED SERVICES.

LOCK HAVEN, PA 17745

Tel(717)748-7083 Fax(717)748-4439

form 100-B

ations  
ber of Technician or Repair



DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 97				Cleaned ENGINE mount & Painted, Cleaned Firewall / Lubed & Rotated Pulleys - Re-Inspected wheels & Brakes Serviced Battery - Replaced ELT Battery Novet Due Feb-1999. Replaced All Flexible Fuel Hoses and Over Flow Rubber Hoses - Replaced Sender Gaskets on Inboard Fuel Tanks. Replaced Screws in Both Inboard Fuel Tanks with Stainless Steel. Installed Wing Tip Landing Lights supplied By Skycraft Corp. PN PCL 100, I/A/w STC SA504NE, Installed switches in Left Side Panel and Placarded.
Feb 14, 1997 2335:75				Cont next Page.

DATE 19 97	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Feb 14, 1997 2335:75				Installed Whelen wing T.p Strobes 1ea A-650 PR & 1ea A-650 PG, 1ea HD-60 Installation Kit, and 1ea A-413-CF Power Supply Located on FWD side of Rear Spar Carry thru - Computed weight & Balance New A/C empty wt 1610.06
				ARM 83.34
				mt. 134182.69
				usefull Load 1289.94
				Cont Next Page

DATE  
19 97RECORDING  
TACH  
TIMETODAY'S  
FLIGHTTOTAL  
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.)

Feb 14

2335:75

Applicable AD's ckd &amp; C/W thru 97-03 m

C/W AD 95-26-13 oil cooler hoses

Next Due @ 3335:75 on Feb 2005

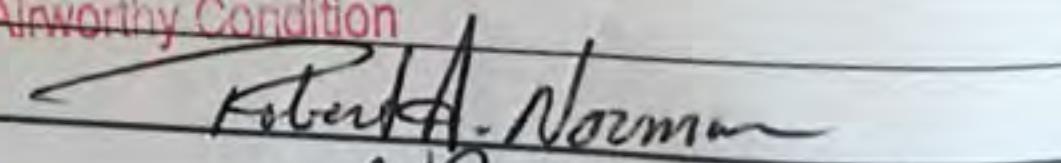
96-10-03 Flap Handle Bushing  
& Bolt installed

I Certify That this Aircraft Has  
Been Inspected I/A/W A 100 Hr/Annual  
Inspection And Has Been Determined  
To Be In An Airworthy Condition.

Robert A. Norman

A#P298664021FA



DATE 1998	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Feb 17	2451:57			Lubed & Rotated Pulleys - Serviced Battery Installed New 600X6 6Ply Airhawk Tires & Tubes on main wheels - Greased wheel Bearings - Replaced All Brake Linings PN RA 66-105 - Adjusted Rudder I/A/W PA 28 series SERVICE MANUAL. Applicable AD's CKD & C/W thru 98-04M ELT next Due Feb 1999
SMO/H	115:82			I Certify That this Aircraft Has Been Inspected I/A/W A 100 Hr/Annual Inspection And Has Been Determined To Be In An Airworthy Condition
SPO/H	253:27			 Robert A. Norman ADP 298664021

DATE  
19-98  
RECORDING  
TACH  
TIME

## SERVICE

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

9-14

2519.9

I CERTIFY THAT THE ALTIMETER & STATIC SYSTEM TESTS REQUIRED BY FAR 91-411 HAVE BEEN PERFORMED. THE ALTIMETER WAS CALIBRATED TO 20,000FT BY CRS DXGR393D

914-98

I certify the ATC transponder test and inspection required by FAR 91-411 were performed this date and found to comply with FAR 43, Appendix F.

#1 Model 4750

#2 Model 4750

Date of the inspection and on file at the repair station is 11-14-98

W.O. 11237

Dated 10/14/98

Signature

Southcentral Ohio Air Service, Inc.  
P.O. Box 583

850 Airport Road  
Zanesville, Ohio 43702-0563  
Certified Repair Station No. DXGR393D

Automatic pressure altitude reporting systems has been tested as required by FAR 91.411 IAW FAR 43, Appendix E, para (c)

Date 9-14-98

L-TESTED

TAN

Southcentral Ohio Air Service, Inc.  
P.O. Box 583

850 Airport Road  
Zanesville, Ohio 43702-0563  
F.A.A. Repair Station No. DXGR393D

DATE  
19 98RECOUP  
TACH  
TIME

9-14

1-800-633-2850  
Logan, W. Va.  
75 North Main Street  
HUNTSVILLE, ALABAMA 35801  
REORDER FROM:  
AVIATION BUSINESS SYSTEMS

Pertinient ATC trans  
FAR 1412 were perfo  
FAR 43, Appendix F  
61 Miles  
82 Miles  
Date of this inspection  
W.O. 11-23  
Signature

South

Zane  
Certified by:

## Maintenance Release

The aircraft, airframe, aircraft engine, propeller or appliance identified below 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 repairs are on file at this repair station under Work Order #

SCALE CONNECTION				
Repair Station Under Work Order #	ALTIMETER KFT/ALD	ERROR	ALTIMETER KFT/ALD	
	-1000	0	14000	30
	0	0	16000	30
	100	0	18000	30
	1000	0	20000	60
	1500	0	22000	
	2000	+10	24000	
	2500	+10	26000	
	3000	0	28000	
	4000	+20	30000	
	4500	+20	32000	
	5000	+20	34000	
	6000	+20	36000	
	7000	+20	38000	
	8000	+20	40000	
	9000	+20	42000	
	10000	+20	44000	
	11000	+20	46000	
	12000	+20	48000	
	13000	+20	50000	
	14000	+20	52000	
	15000	+20	54000	
	16000	+20	56000	
	17000	+20	58000	
	18000	+20	60000	
	19000	+20	62000	
	20000	+20	64000	
	21000	+20	66000	
	22000	+20	68000	
	23000	+20	70000	
	24000	+20	72000	
	25000	+20	74000	
	26000	+20	76000	
	27000	+20	78000	
	28000	+20	80000	
	29000	+20	82000	
	30000	+20	84000	
	31000	+20	86000	
	32000	+20	88000	
	33000	+20	90000	
	34000	+20	92000	
	35000	+20	94000	
	36000	+20	96000	
	37000	+20	98000	
	38000	+20	100000	
	39000	+20	102000	
	40000	+20	104000	
	41000	+20	106000	
	42000	+20	108000	
	43000	+20	110000	
	44000	+20	112000	
	45000	+20	114000	
	46000	+20	116000	
	47000	+20	118000	
	48000	+20	120000	
	49000	+20	122000	
	50000	+20	124000	
	51000	+20	126000	
	52000	+20	128000	
	53000	+20	130000	
	54000	+20	132000	
	55000	+20	134000	
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	57000	+20	138000	
	58000	+20	140000	
	59000	+20	142000	
	60000	+20	144000	
	61000	+20	146000	
	62000	+20	148000	
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	69000	+20	162000	
	70000	+20	164000	
	71000	+20	166000	
	72000	+20	168000	
	73000	+20	170000	
	74000	+20	172000	
	75000	+20	174000	
	76000	+20	176000	
	77000	+20	178000	
	78000	+20	180000	
	79000	+20	182000	
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	81000	+20	186000	
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	96000	+20	216000	
	97000	+20	218000	
	98000	+20	220000	
	99000	+20	222000	
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	101000	+20	226000	
	102000	+20	228000	
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	109000	+20	242000	
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	119000	+20	262000	
	120000	+20	264000	
	121000	+20	266000	
	122000	+20	268000	
	123000	+20	270000	
	124000	+20	272000	
	125000	+20	274000	
	126000	+20	276000	
	127000	+20	278000	
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	130000	+20	284000	
	131000	+20	286000	
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	135000	+20	294000	
	136000	+20	296000	
	137000	+20	298000	
	138000	+20	300000	
	139000	+20	302000	
	140000	+20	304000	
	141000	+20	306000	
	142000	+20	308000	
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	145000	+20	314000	
	146000	+20	316000	
	147000	+20	318000	
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	149000	+20	322000	
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	151000	+20	326000	
	152000	+20	328000	
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	154000	+20	332000	
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	157000	+20	338000	
	158000	+20	340000	
	159000	+20	342000	
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	162000	+20	348000	
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	164000	+20	352000	
	165000	+20	354000	
	166000	+20	356000	
	167000	+20	358000	
	168000	+20	360000	
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	180000	+20	384000	
	181000	+20	386000	
	182000	+20	388000	
	183000	+20	390000	
	184000	+20	392000	
	185000	+20	394000	
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	190000	+20	404000	
	191000	+20	406000	
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	199000	+20	422000	
	200000	+20	424000	
	201000	+20	426000	
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	204000	+20	432000	
	205000	+20	434000	
	206000	+20	436000	
	207000	+20	438000	
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	209000	+20	442000	
	210000	+20	444000	
	211000	+20	446000	
	212000	+20	448000	
	213000	+20	450000	
	214000	+20	452000	
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	231000	+20	486000	
	232000	+20	488000	
	233000	+20	490000	
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	235000	+20	494000	
	236000	+20	496000	
	237000	+20	498000	
	238000	+20	500000	
	239000	+20	502000	
	240000	+20	504000	
	241000	+20	506000	
	242000	+20	508000	
	243000	+20	510000	
	244000	+20	512000	
	245000	+20	514000	
	246000	+20	516000	
	247000	+20	518000	
	248000	+20	520000	
	249000	+20	522000	
	250000	+20	524000	
	251000	+20	526000	
	252000	+20	528000	
	253000	+20	530000	
	254000	+20	5	

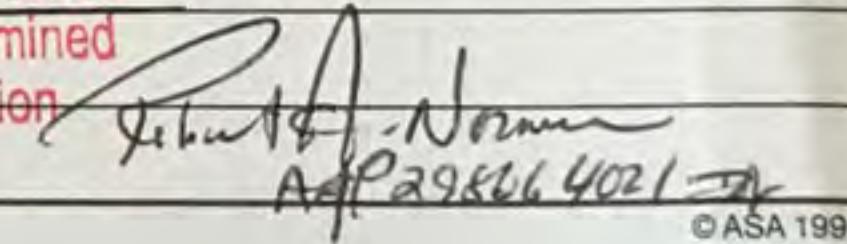
DATE 1999	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Feb 27	2568.00			<p>Lubed &amp; Rotated Pulleys - Installed new Brake Disc's on Both Main Wheels - PN 164 02000 <span style="float: right;">Installed</span></p> <p>All new Brake Linings PN 664 - 105 <span style="float: right;">Replaced</span></p> <p>ELT Battery Next Due MARCH 2001 ELT Tested</p> <p>I/A/W FAR 91-207 OK. Serviced Battery &amp; Brake Reservoir - Checked All Lights</p> <p>Applicable AD's C/D &amp; C/W thru 09-05M</p>
SMITH	232:25			<p>I Certify That this <u>Aircraft</u> Has      Been Inspected I/A/W A 100 Hr/Annual      Inspection And Has Been Determined      To Be In An Airworthy Condition</p> <p><u>Robert J. Norman</u>      AF# 298664021 PA</p>

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10 2000				Lubed & Rotated Pulleys - Inspected Wheels & Brakes Serviced Brake Reservoir - CKD Battery - ELT Battery Next Due MARCH 2001, ELT Tested IIA/W FAR 91.207 "D" AD 99-05-09 Airfilter N/A, Bracket Filter Installed Applicable AD's CKD & C/w thru 2000-06 F
SMO/H	306:70			I Certify That this Aircraft Has Been Inspected I/A/W A 100 Hr/Annual Inspection And Has Been Determined To Be In An Airworthy Condition <i>Ronald Norman</i> N/P29866 4021 IA

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10 2001				Lubed & Rotated Pulleys - Inspected wheels & Brakes, Service Battery - Replaced ELT Battery, Next Due April 2003 ELT Tested I/A/w FAR 91.207 "D" Checked All Lights, Applicable AD's CRD & C/w thru 2001-06F
Smooth	344.62			I Certify That this <u>AIRCRAFT</u> Has Been Inspected I/A/W A 100 Hr/Annual Inspection And Has Been Determined To Be In An Airworthy Condition
				<u>Robert A. Norman</u> A#P 298664021 FA

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10 2002				Lubed & Rotated Pulleys, Inspected Wheels & Brackets Serviced Brake Reservoir, Serviced Battery, ELT Battery Next Due April 2003, ELT Tested I/A/W FAR91.207'd'
04-08	2734:62			AD 77-12-01 Fuel Valve Leaking OK (3734:62) 78-23-01 Fuel Drain Door OK 2834:62 95-26-13 oil cooler Hose next Due 3335:75
Smot	398:87			on Feb 2005 Applicable AD's CKD thru 2002-07 F

I Certify That this Aircraft Has  
Been Inspected I/A/W A 100 Hr/Annual  
Inspection And Has Been Determined  
To Be In An Airworthy Condition



Gibert J. Norman  
AOPA 298664021-74

**ATC Transponder Tests and Inspections as required by FAR 91.413 (a) & (b), have been performed IAW FAR 43, Appendix E& F.**

TXPR Model AT50

S/N 23257

ENCODER Model AR850

S/N 57446

Tested to 20,000

W/O 334

### **Technician**

date 4/19/03

The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.411 i.a.w. FAR 43 App. E have been performed:

Par (a) Static system, date: 4/19/03

Par (b) Altimeters, Model Kollsman

Serial Number 189AOK

Par (c) Integrated system to 20,000 feet

Details of this inspection are on file at this repair station under

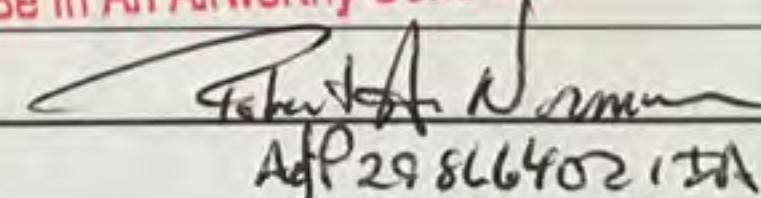
w/o 338

## **Technician**

ProAv Aircraft Services

*date* 4/19/03

CRS E9TR271N

DATE 2003 10	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-24-03	2746.85			<p>Lubed &amp; Rotated Pulleys. Inspected Wheels &amp; Brakes</p> <p>Serviced Battery - Installed New ELT Battery. Next Due May 2005. ELT Tested I/A/W FAR 91.207 "d"</p> <p>c/w AD 77-12-01 Fuel Valve Leakage next due @ 2816.85</p> <p>78-23-01 Fuel Drain Door OK next due @ 2866.85</p> <p>95-26-13 o/s Coolant Hoses Due @ 3335.75</p> <p>or Feb 2005</p> <p>Applicable AD's ckd thru 2003-08 F</p> <p>I Certify That this Aircraft Has Been Inspected I/A/W A 100 Hr/Annual Inspection And Has Been Determined To Be In An Airworthy Condition</p>  <p>Peter J. Norman A&amp;P 2986640215A</p>
Smotth	431.1			

DATE

19\_\_\_\_



Norman Aviation

1200 Fairview Road  
Zanesville OH 43701  
740.454.1615

'ations

ber of Technician or Repair

DATE: 05/23/04

REGISTRATION NO. N9450W  
**AIRCRAFT LOG ENTRY**

TACH TIME: 2775.56

Lubed and rotated pulleys. Inspected wheels and serviced battery and checked all lights. Inspected seat rails, locks and rollers. ELT battery next due MAY 2005. ELT tested I/A/W FAR 91.207d. C/W AD 77-12-01 Fuel valve leakage, next due at 2825.56, AD 78-23-01 fuel drain door, next due at 2875.56, AD 95-26-13 oil cooler hoses next due on Feb 2005, or 3335.75 tach. Applicable AD's checked thru 2004-15FF. I Certify that this AIRCRAFT has been inspected I/A/W an ANNUAL INSPECTION and has been determined to be AIRWORTHY on this date. TOTAL AIRFRAME: 2775.56 SMOH: 439.81

**WORK ORDER #04-1619**

Norman Aviation  
Zanesville, Ohio  
May 23, 2004

Authorized Signature: Robert Adam  
License #A&P2986640211A

DATE	RECO
19 ____	TACH
	TIME

Norman Aviation

1200 Fairview Road  
Zanesville OH 43701  
740.454.1615

- DATE: 05/16/06

**REGISTRATION NO. N9450W TACH TIME: 2815.63**  
**AIRCRAFT LOG ENTRY**

- Lubed and rotated pulleys, inspected wheels and brakes, serviced battery and checked all lights.  
- Replaced ELT battery, next due JUNE 2008, ELT tested I/A/W FAR 91.207d. C/W AD's 77-12-01 Fuel  
- valve leakage, next due at 2865.63. AD 78-23-01 Fuel drain door, next due at 2915.63, AD 96-26-13 oil  
- cooler hose replaced on this date, next due at 3815.63 or May 2014. Applicable AD's checked thru  
- 2006-12. I Certify that this AIRCRAFT has been inspected I/A/W an ANNUAL INSPECTION and  
- has been determined to by AIRWORTHY on this date.

**TOTAL AIRFRAME:** 2815:63    **TT ENG:** 2815:63    **SMOH:** 479:88    **SPOH:** 617:33

**WORK ORDER #06-2044**

Norman Aviation

## Zanesville, Ohio

May 16, 2006

Authorized Signa

License #A&P2986640211A

© ASA 1993

DATE

RECORDING | TODAY'S

TOTAL



Description of Inspection

19-

Norman Aviation

1200 Fairview Road  
Zanesville OH 43701  
740.454.1615

## Alterations

Number of Technician or Repair

DATE: 06/15/07

REGISTRATION NO. N9450W TACH TIME: 2843.70

## AIRCRAFT LOG ENTRY

Lubed and rotated pulleys, inspected wheels and brakes, serviced brake reservoir. Serviced battery and checked all lights. ELT battery next due JUNE 2008, ELT tested I/A/W FAR 91.207d. C/W AD 77-12-01 Fuel valve leakage, next due at 2893.70, AD 78-23-01 fuel drain door, next due at 2943.70, C/W AD 2005-19-11 TCM Impulse coupling next due at 2915.63, AD 95-26-13 Oil cooler hoses next due at tach time 3815.63 or MAY 2014. Applicable AD's checked thru 2007-11FF I Certify that this AIRCRAFT has been inspected I/A/W an ANNUAL INSPECTION and has been determined to be AIRWORTHY on this date.

**TOTAL AIRFRAME: 2843:70, TT ENG: 2843:70 SMOH : 507:95, SPOH: 645.40****WORK ORDER #07-2288**

Norman Aviation

Zanesville, Ohio

June 15, 2007

Authorized Signature:

License #A&amp;P3222359IA

DATE | RECORDING | TODAY'S | TOTAL | Description of Inspections, Tests, Reworks and Alterations

19 The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.411 i.a.w. FAR 43 App. E have been performed:

Par (a) Static system, date: 6/2/07

Par (b) Altimeters, Model KOULSMAN  
Serial Number 189A01C

Par (c) Integrated system to 20,000 feet

Details of this inspection are on file at this repair station under

W/O 696

Technician [Signature]  
ProAv Aircraft Services

date

6/2/07

CRS E9TR271N

Altimeter Scale Correction Card  
Aircraft N# 745DW

AT: -1000	ALT READS: 0	AT: 1000	ALT READS: 14000
500	570	16000	14060
1000	1010	18000	16050
1500	1520	20000	18040
2000	2020	22000	20100
3000	3025	25000	25000
4000	4020	30000	30000
6000	6030	35000	35000
8000	8040	40000	40000
10000	10060	45000	45000
12000	12050	50000	50000

TESTED BY: ProAv Aircraft Services, Ltd. DATE CRS #E9TR271N

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

ATC Transponder Tests and Inspections as required by FAR 91, Subpart J, (b), have been performed IAW FAR 43, Appendix E & F.

TXPR Model AT50

S/N 23257

ENCODER Model AR850

S/N 51446

Tested to 20,000 FEET

W/O 696

Technician [Signature] date 6/2/07

ProAv Aircraft Services CRSE9T0271N

1834 E. High Ave., New Philadelphia, OH 44663 (330)-339-2023

DATE	REC TAC TIME
19	



Norman Aviation

1200 Fairview Road  
Zanesville OH 43701  
740.454.1615

INS  
of Technician or Repair

DATE: 06/10/09

REGISTRATION NO. N9450W TACH TIME: 2866:61

### AIRCRAFT LOG ENTRY

Lubed and rotated pulleys, inspected wheels and brakes, serviced tires, and installed new RG35AXC battery and checked all lights. ELT battery next due \_\_\_\_\_, ELT tested I/A/W FAR 91.207d. C/W AD 77-12-01 Fuel valve, next due 2916:61, AD 78-23-01 Fuel drain door, next due at 2966:61, AD 95-26-13 Oil cooler hoses next due at 3815.63 or MAY 2014. AD 2005-12-06 Bendix impulse coupling next due 2915.63. Applicable AD's checked thru 2009-11F. I Certify that this AIRCRAFT, has been inspected I/A/W an ANNUAL INSPECTION and is in an AIRWORTHY CONDITION on this date.

TT/AF:2866:61; TTENG: 2866:61, SMOH: 530:86 , SPOH: 668:31

WORK ORDER #09-2703

Norman Aviation

Zanesville, Ohio

June 10, 2009

Authorized Signature:

License #A&P3222359IA

The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.411 i.a.w. FAR 43 App. E have been performed:

Par (a) Static system, date: 6/15/09

Serial Number 189 Model 182ADE

Par (c) Integrated system to 25,000 feet  
Details of this inspection are on file at this repair station under

W/O 1078

Technician Mu. Log date 6/15/09  
ProAv Aircraft Services CRS E9TR271N

ATC Transponder Tests and Inspections as required by FAR 91.413 (a) & (b),  
have been performed IAW FAR 43, Appendix E& F.

TXPR Model A750  
S/N 23257 ENCODER Model A2850  
S/N 51446 Tested to 25,000 FEET  
W/O 1037

Technician Mu. Log date 6/15/09  
ProAv Aircraft Services  
1834 E. High Ave., New Philadelphia, OH 44663 (330)-339-2023

Altimeter Scale Correction Card  
Aircraft N# 9450W

AT:	ALT READS:
-1000	-1000
0	0
500	500
1000	1000
1500	1500
2000	2000
3000	3000
4000	4000
6000	6000
8000	8000
10000	10000
12000	12000

AT:	ALT READS:
14000	14000
15000	15000
18000	18000
20000	20000
22000	22000
25000	25000
30000	30000
35000	35000
40000	40000
45000	45000
50000	50000

TESTED BY: MC DATE 6/15/09  
ProAv Aircraft Services, Ltd. CRS #E9TR271N



Norman Aviation

1200 Fairview Road  
Zanesville OH 43701  
740.454.1615

DATE: 05/06/2011

REGISTRATION NO. N9450W

TACH TIME: 2885.93

Sept.

## AIRCRAFT LOG ENTRY

Lubed and rotated pulleys, inspected wheels and brakes, serviced tires, and checked all lights. ELT battery replaced and tested, next due ~~APR~~ 2013. Inspected U-Joints on both yokes per SB1197B. C/W AD 77-12-01 Fuel valve, next due at 2935.93. C/W AD 78-23-01 Fuel drain door, next due at 2985.93, AD 95-26-13 oil cooler hoses next due at 3815.63 or MAY 2014, AD 2005-12-06 Bendix impulse coupling next due 2915.63. C/W AD 10-15-10 U-Joints by insp. OK. Updated AD list. Inspected engine and propeller I/A/W FAR 43.11a 1-3. I Certify that this AIRCRAFT has been inspected I/A/W an ANNUAL INSPECTION and is in an AIRWORTHY CONDITION on this date.

**TT/AF: 2885.93; TTENG: 2885.83; SMOH: 550.18; SPOH: 687.63  
WORK ORDER #11-2071**

Norman Aviation  
Zanesville, Ohio  
May 06, 2011  
Authorized Signature  
License #A&P3222

**Airborne Avionics**

CRS # V3QR738Y

1291 Runway Rd Winnsboro SC 29180

I certify the altimeter, S/N 189, altitude reporting, and static system tests required by FAR 91.411 & FAR 43E. Tested to 20000 feet.

I certify the transponder system, Make NACCO Model AT50, S/N 23257, and find it to comply with FAR 91.413 and FAR 43F.

Work Order 2929 N 9450W Date 9/2/2012

Signature B Steele

FEET	INCHES
0	00
500	00
1000	00
1500	00
2000	00
3000	00
4000	00
6000	00
8000	00
10000	00

**Airborne Avionics**

1291 Runway Rd Winnsboro, SC 29180

CRS # V3QR738Y

**ALTIMETER SCALE CORRECTION CARD**

STANDARD ALTITUDE FT.	ALTIMETER READING	STANDARD ALTITUDE FT.	ALTIMETER READING
-1000	-980	12000	11980
0	15	14000	13960
500	510	16000	15935
1000	1010	18000	17910
1500	1510	20000	
2000	2015	25000	
3000	3015	30000	
4000	4015	35000	
6000	6015	40000	
8000	8000	45000	
10000	9990	50000	

Altimeter S/N 189 Pos. No. — N 9450W

Date 9/2/12 Tested to 20,000 ft. Tested By B Steele  
Tested in compliance with FAR 43, Appendix E.

DATE  
19

RECORDING  
TACH

TODAY'S  
FLIGHT

TOTAL  
TIME

### Description of Inspections, Tests, Repairs and Alterations

Number of Technician or Repair



Norman Aviation  
1200 Fairview Road  
Zanesville OH 43701  
740.454.1615

DATE: 09/02/2012

REGISTRATION NO. N9450W

TACH TIME: 2891:47

### AIRCRAFT LOG ENTRY

Lubed and rotated pulleys, inspected wheels and brakes, serviced tires, and checked all lights. ELT battery replaced and tested, next due SEPT 2013. C/W AD 77-12-01 Fuel valve, next due at 2941:47. C/W AD 78-23-01 Fuel drain door, next due at 2991:47, AD 95-26-13 oil cooler hoses next due at 3815.63 or MAY 2014, AD 2005-12-06 Bendix impulse coupling next due 2915.63. Updated AD list. Inspected I/A/W FAR 43.11a 1-3. I Certify that this AIRCRAFT has been inspected I/A/W an ANNUAL INSPECTION and is in an AIRWORTHY CONDITION on this date.

TT/AF: 2891:47; TTENG: 2891:47; SMOH: 555:72; SPOH: 693:17

WORK ORDER #12-2425

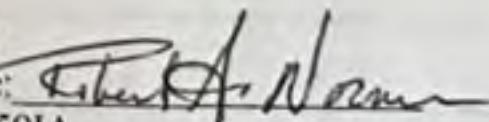
Norman Aviation

Zanesville, Ohio

September 02, 2012

Authorized Signature:

License #A&P3222359IA

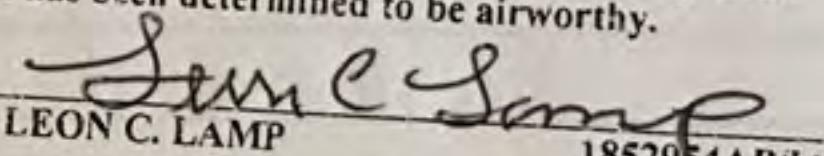


DATE  
2014  
SPRECORDING  
TACH  
TIMETODAY'S  
FLIGHTTOTAL  
TIME IN  
SERVICE**Description of Inspections, Tests, Repairs and Alterations**

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

5-4

298865 ECT BATTERY REPLACED NEXT DUE  
MAY 2016. ALTERNATOR BELT REPLACE  
CRANKSHAFT SEAL REPLACED. EXHAUST  
SYSTEM REPAIRED BY DAWLEY AVIATION NO. 109690 DATE JAB  
29, 2014. C/W AD 2013-02-13 HORIZONTAL  
STABILATOR SYSTEM. OIL COOLER  
HOSE REPLACED WITH AERO  
HOSE SHOP P.N. 124F001-8CR-  
0210, 2 EACH. C/W 78-23-00 INSPECTION OF FUEL DRAIN DOOR.  
C/W AD 77-12-01 FUEL DRAIN  
CON'T

DATE 2014 19 5-6	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	2988.6		65	DRAIN VALVE 100 HR DUE 3088.
				Date 5-6-14 Total Time 2988.6 I Certify this AIRCRAFT has been inspected in accordance with an annual 100-hour inspection and has been determined to be airworthy.
				 LEON C. LAMP 1852954AP/LA
12/29/14 TSMD	3043.79 681.13			Oil Change, Filter Change, Plugs cleaned and inspected and reinstalled and Torqued to spec. According to maintenance manual.



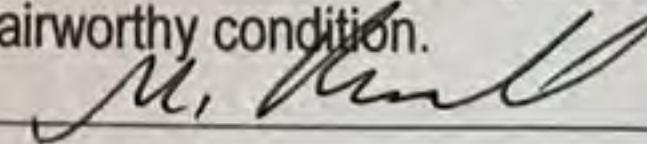
Elite Aircraft service

N9450W

August 1, 2015

Aircraft Total Time: 3060.65 Hrs.

Tach: 3060.65 Hrs.

- \*AD 77-12-01: C/W part (a), checked for excessive internal leaking fuel valve, due again in 50 hrs.
  - \*AD 78-23-01: C/W part (b), checked fuel drain lever cover door for normal operation.
  - \*AD 95-26-13: C/W oil cooler hose inspection, due again in 100 hrs.
  - \*AD 2005-12-06: Left magneto inspection, due at 3488 hours.
  - \*AD 2013-02-13: Stabilator control system inspection, due May, 2021 or at 4988 hours whichever occurs first.
  - \*Replaced 2 each capacitors P/N: 39D207F250JP4, in beacon.
  - \*Replaced induction filter, P/N: BA-3.
  - \*Replaced NLG tire P/N: 072-314-0, S/N: 4262S00027 and tube P/N: 302-246-401.
  - \*Replaced vacuum system filter P/N: AAD9-18-1 and vacuum regulator filter ARB3-5-1.
  - \*Replaced elevator trim indicator.
  - \*Replaced RH landing light.
  - \*Replaced CHT indicator, P/N: 550-548.
  - \*I certify that this aircraft has been inspected and serviced in reference to Piper Cherokee Service Manual, 100 Hour/Annual inspection and was determined to be in airworthy condition.  
Mike Rowell A&P/IA 3038853
- 



DATE  
RECOR'  
TACH  
TIME

19—

MODEL: PA- 28-235  
SERIAL 28-11169  
TACH: 3074.2

DATE 8-6-2017  
N 9450W

Technician or Repair

C/W ANNUAL INSPECTION PER PIPER SERVICE MANUAL, CHECKED ALL CABLES, PULLEY'S, LUBRICATED ALL HINGE POINTS, CHECKED BRAKES, ELT BATTERY DUE 9-19-CHECKED ELT PER 91-207 CW AD 77-12-01 FUEL VALVE OPERATION, CW AD 78-23-01 FUEL DRAIN DOOR FOR PROPER OPERATION, AD 95-26-06 OIL COOLER HOSE VIS INSPECTION DUE EVERY 100 HRS, AD'S CHECKED TO DATE.RAN ENGINE TO CHECK FOR LEAKS AND PROPER OPERATION.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW A ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME

*Chuck Rautiola*  
CHUCK RAUTIOLA A&P 470542632 IA

REPLACE ELT BATTERY BY:

AUG 2019

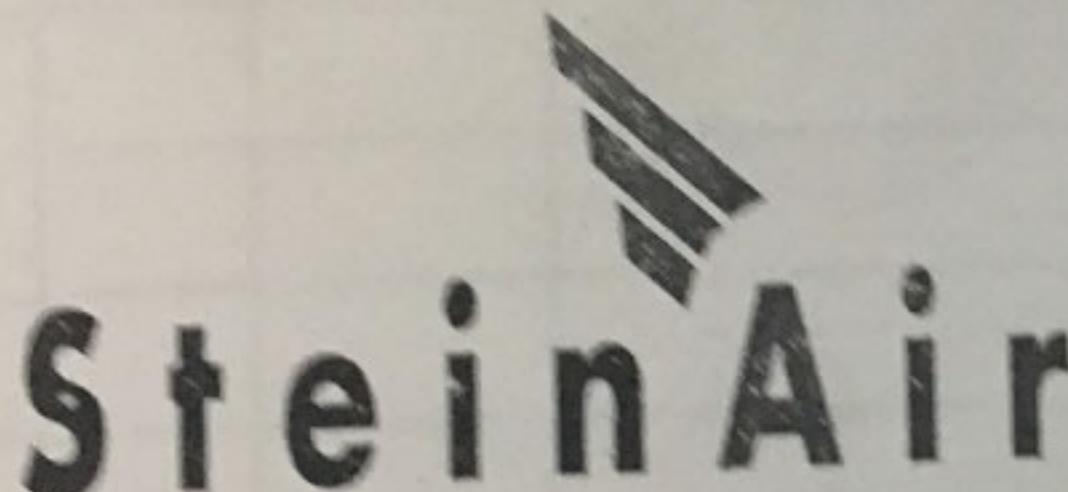
REVENUE  
TACN  
TIME

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.)



SteinAir Inc.  
21170 Eaton Ave. Suite A  
Farmington, MN 55024  
651 460-6955  
CRS# V70R151B

The ATC Transponder test and inspection required by FAR 91.413 were performed on this date and found to comply with FAR 43 Appendix F. Details of this test and inspection are on file at this Repair Station under Work Order # 1674

Transponder Make & Model: Narco AT-50 Serial #: 23257

Date: 8/7/2017

Signature:

D. H.

Form: A-15

Revision: A 8/04/08