

22477M

AIRCRAFT LOG I

THIS ELT EQUIPPED WITH ALKALINE BATTERY PACK
P/N BP-1026 WT. 2.5 lbs. TSO C-91 RE PLACE BY
MERL, INC. 1777 N. Galony Rd. P.O. Box 188 Meriden, Ct. 06450 (203) 237-7841
DEC 97



Aborne

Air Filter Change Reminder

Changed at:

2791 Hrs.

8-19-95 Date

Next Change:

3291 Hrs.



AIRCRAFT LOG

PIPER AIRCRAFT CORPORATION

General Offices at
Lock Haven, Pennsylvania
U. S. A.

N2247M

Aircraft
Registration Number

Part No. 230715

AIRCRAFT DESCRIPTION

Registration No. N2247M

Model: PA28R-201 Popular Name: ARROW III

Serial No.: 28R-7837073 Type Certificate No.: 2A13

SEE WEIGHT AND BALANCE

Colors: _____

NOTICE

Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

Engine Manufacturer: Lycoming Propeller Manufacturer: McCawley

Original Engine Model: T0-360-C1C6 Original Propeller Model: B2D34C213

Serial Numbers: Single L-18275-51A Hub or Serial Number: Single 778946

Left _____

Left _____

Right _____

Right _____

Blade Numbers

Left

Right

B74965

B77459

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-21-78	Brought Forward →			
	Tach- 42			
	Removed glide slope indicator			
	P/N 066-3025-01, S/W 15818, M/W King KI 214			
	+ sent to Hawthorne Aviation to be repaired.			
	Repaired the fuel gauge.			
	Mark Meredith AIP 259966256			
9-1-78	Tach 52			Installed AD7 head. Repaired oil leak under the dash. Adjusted passenger seat stops. →
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
Removed strobe unit + replaced. Replaced gas gauge for left tank.	Mark Meredith AIP 259966256	
9-20-78 Tach 52 Performed event #1 of Piper Programmed Inspection.	Mark Meredith AIP 259966256 for At Richard AIGI	
10-18-78 Tach 75 Installed new piece of skin on left aileron + painted.	Mark Meredith AIP 259966256	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11-28-78	Brought Forward →			Tach 100 Performed Event #2 of Piper Programmed Inspection. for Mark Meredith AIP 259966256
1-23-79				Tach 140 Installed clock. Mark Meredith AIP 259966256
2-9-79				Tach 150 Performed Event #3 of Piper Programmed Inspection. Mark Meredith AIP 259966256 for Mark Meredith AIP 259966256
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
3-14-79 Tach 171 Replaced rotating beacon bulb.	Mark Meredith AIP 259966256	
4-25-79 Tach 203 Performed Event #4 of Piper Programmed Inspection. Mark Meredith AIP 259966256 for Mark Meredith AIP 259966256		
5-11-79 Removed vent fan Assy. Checked operation. Reinstalled & realigned braces. Reconnected landing light wires.	Mark Meredith AIP 259966256	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7-12-79	Brought Forward →			Complied with AD 79-02-05 — fuel gasolator inspection. Mark Moulden No 259966256
6-15-79	Tach 253			Performed Event # 1 of Piper Programmed Inspection. Reprimed right wing tip. <i>John H. Moulton AP. 8140</i>
7-23-79				Installed new right wing tip & painted. Installed one new rotating bearing drills. <i>John H. Moulton AP. 8140</i>
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
8-24-79 Tach 300 Performed Event # 2 of Piper Programmed Inspection.	<i>John H. Moulton AP. 8140</i>	<i>A.I. 8140</i>
9-17-79 Installed 600x6 6ply F.C. Tire on right main.	<i>John H. Moulton AP. 8140</i>	
12-7-79 Tach 353 Performed Event #3 of Piper Programmed Inspection. Removed tail cone & replaced screws. Serviced battery. removed & replaced nose gear tire. Cleaned & repacked all wheel bearings.	<i>John H. Moulton AP. 8140</i>	<i>A.I. 8140</i>

AIRCRAFT LOG

Registration No. KING KT 78A S/N 1872 N 2247 M

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12-11-79	Brought Forward →	Tach 353		Rebuilt parking brake. Repaired instrument cluster & fuel gauge panel light. per R. Nicholas A. 9148
1-2-80		Tach 362	C/W A.D. 79-22-03	on fuel tanks. Installed fuel vent modification. Installed new landing light bulb. per R. N. Stinger A/P 040580792
5-2-80		Tach 388		Performed Event #4 of Piper Programmed Inspection Repaired right nose gear door for loose rivets. Completed cycle with this event because due by calendar time. per R. Nicholas A. 9148
Total To Carry Forward				

and Remarks

ON MAY 2 1980 THE ABOVE
TRANSPONDER WAS FOUND TO
MEET THE REQUIREMENTS OF
FAR 91.177
REF: R/G 1110

RAM Dickey Inc.

OMNITRONICS, INC.
FAA 709-4 AIKEN MUNI. AIRPORT
ROUTE 3, BOX 476, AIKEN, S. C. 29801
PHONE (803) 648-8895

7/31/80 Tach 435 Replaced defective trim switch with new part. per R. N. Stinger A/P 040580792

8/21/80 Tach 449 Performed Event #1 of Piper Programmed drop. per R. Nicholas A. 9148

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
	Installed new United Instruments Altimeter Sp T9463 certified to 35000' on 8-26-80 by Gottleberg - Performed static check Per FARs			
			Signed for Aircsearch Aviation	
			W#K 54-1048-520 Augusta Ga R#201-28	
		Tach Time 480.5	John B Trague	
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
10-30-80 Tach 495 Performed event #2 of pipes programmed inspection.	John A. Nichols	A1-814
12-8-80 Tach 514 Installed modified ELT. Revised weight + balance (see flight manual) Tested operation of ELT. — Danny J. Bailey	Danny J. Bailey	A#2199881
4/17/81 Tach 546 Performed events #3 + #4 of Pipes Programmed inspection. Replaced brake linings on left main	John A. Nichols	A1-814

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
6-30-81	TACH 592			performed event #2 of paper programmed inspection - Replaced Rotating beacon bulb p/w 1940. J. A. Nichols A116140
4-16-82	Tach 691			performed event #2 of paper programmed inspection. J. A. Nichols A18140
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
5-3-82 TACH 703 INSTALLED REPAIRED CLOCK. REPLACED FUSE IN LEAD FROM BATTERY TO CLOCK.	Steven R. Gray	AVP 256217253
5-13-82 Tech 707 Installed new ELT Battery Expires 3-84 - Danny L. Bailey	Danny L. Bailey	AVP 2199881

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
7-20-82	Tach 745			performed Event #3 of Piper Programmed Insp. Replaced rose line & tube. Replaced all brake lines. Replaced mag/starter switch & all door locks. Replaced rose line & tube
<p>I certify that this aircraft has been inspected in accordance with a <u>EVENT THREE</u> inspection and was determined <u>THESE</u> to be in air worthy condition. <u>THIS</u> phase <u>determined</u> to be in an <u>airworthy condition.</u></p>				
<p><i>John A. Mohr</i></p>				
Total To Carry Forward				8148

Registration No. _____

and Remarks	Signature	Certificate No.
12-9-82 Tach 784 performed an Annual inspection C/W AD. 80-24-03 (SB698A) by installing nylon nuts on Ammeter. Disconnected Radio muting Relay (AD 80-14-03) Replaced Left brake line. Replaced parking brake. bled brakes. Removed Defogged Horizon for overhaul, Altimeter for Recertification, And manifold pressure gauge for Repair. Reinstalled INST'S & performed a Static System CK. Serviced RT main strut with hydraulic fluid and nitrogen.		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
8/6/84	Tach 896 performed @ 50 hr insp serviced battery + replaced both brake linings on left main gear (see log 2821725)			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p>DATE 2/13/85 TACH 0964.42 CHANGED FLT BATTERY</p> <p>NEW EXPIRATION DATE JAN 87. CHANGED VACUUM REGULATOR FILTER + CENTRAL AIR FILTER. REPLACED ALTIMETER + MANIFOLD PRESSURE/AIR FLOW GAUGES (SEE ATTACHED PAGES). ALTIMETER S/N M7356, MANIFOLD PRESSURE S/N 41084BK. SERVICED BATTERY.</p> <p>I certify that this aircraft has been inspected in accordance with a ... inspection and was determined to be airworthy.</p> <p>TACH. TIME ... TOTAL TIME ... TSMOH ...</p> <p>SIGNED: ... NO. ...</p>	<p>Signature</p> <p>TSMOH</p> <p>NO. AP 262718967</p>	

AIRCRAFT LOG

Registration No. 21 797 8714

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5-9-85	Brought Forward →	1009.92		
	Installed new nose tire. Installed New QA-503 starter. Installed New Alternator Belt.			George J. Williams AIP 423761430
<p>I certify this transponder (make).....<u>King</u>..... (model).....<u>RT-76A</u>.....(S/N).....<u>1872</u>..... has been tested as required by FAR 91.172 and found to comply with FAR 43, App F. Signed <u>Joe Henderson</u> Date <u>7-16-86</u> SOUTHERN AVIONICS AND COMMUNICATIONS, INC. P. O. BOX 8922 - BATES FIELD MOBILE, ALA. 36608 RS 702-101</p>				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>3-1-86 A/C Time 1134.4. Bled L/H brake. Cleaned and treated corrosion in battery area. Disassembled cleaned and lubricated mechanism on rotating beacon. Replaced beacon bulb. Made minor repair to microphone cords. Tightened screws on Rt Fuel quantity transmitter. Checked condition of muffler and shroud (80-19-1). Checked # AD 76-07-12 Functional check of Bendix magneto switch. Checked all AD notes thru 86-02. I certify that this Aircraft has been inspected in accordance with Annual inspection and was determined to be in an air-worthy condition. Within L. Walker 1561629 APTA</p>		

AIRCRAFT LOG

Registration No. _____

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3-20-86	Brought Forward →			
	Removed Strobe Power supply For Repair, Power Supply Repaired & updated at Whelen Factory, Reinstalled Power Supply & updated wiring as per Whelen instructions, Complied w/SB-811 by installation of Kit # 765-186V as per per instructions. Installed CAMERA Hole in Baggage Comp. see 337 Form dated 3-20-86, AD-86-05-02 NA by S/N George J. Wilton AIP 423 76 14 30			
Total To Carry Forward				

and Remarks	Signature	Certificate No.
6-24-86 Tech: 1165.49 Complied w/SB-811-A by Installing Ammeter w/ dot AFTER word (AMPS.) Replaced Landing Gear Microswitch Perform Retraction Test, Gear Chk O.K. Repair Oil Filler Door.	George J. Wilton	
8-31-86 Tech 1211.9 Relign Brakes - Bleed system Overhaul L.H. Wheel Cyl.	George J. Wilton	AIP 423 76 14 30

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
9-16-84	Tach Time 1219.22			Removed AND RePLACED Dry Air Pump S.N. 08AB005682 IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS PART number 211CC ^{Samuel D. Shultz} A3P 314667888
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
6-24-87 AC time 1268.7, Packed wheel Bearing, Replaced Bulb in Beacon, Replaced Brake Pad, installed New ELT expires Feb 89, Removed all panel and inspected, lubed, pulley, Hinge, ch cables, Cleaned Battery Box, applied corrosion cleaner, ck AD76-07-12, check of switches, installed new battery cable in accordance with ^{SB/836A} STC SA 3531NM, checks AD thru weekly. 87-09 Performed 100 hr inspect in accordance with Piper Service Manual 761639 For PA-28R-201, I certify this ac was inspected in accordance with ^{100 HR} Annual inspection and was determined to be in an airworthy condition		

Charles D. Borman AIP 1308157

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
<p>I certify that this <u>A/C</u> was inspected in accordance with an annual inspection and was determined to be in an airworthy condition and aircraft returned to service.</p> <p>Tach Time <u>1268:75</u> Total Time <u>1268:75</u> Date <u>6-26-87</u> SMOH _____ <u>J. W. Wallace</u> J. W. Wallace IA 422444346</p>				
Total To Carry Forward				

and Remarks

7-2-87

Received (Maintenance Release) (S/N) to c Ft. Det I ce as r FA Sig SOUT



Southern Avionics & Communications, Inc.
AIRCRAFT ELECTRONICS

East Ramp Bates Field (205) 633-4439 P.O. Box 8922 Mobile, AL 36608

RS 702-101

MAINTENANCE RELEASE

This Component was repaired and inspected in accordance with current Federal Aviation regulations and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under Work Order 37745.

Date 7-2-87
 Unit ALTIMETER
 Mfg. UNITED
 S/N M7356
 Model 5934P1
 Owner D. BUCKETT
 N# 2247M
 Tech. JW
 Insp. By Joe Hend

CATIONS, INC.

4439

7-2-87

ate No.

ALTIMETER READS
<u>11975</u>
<u>14000</u>
<u>16000</u>
<u>18020</u>
<u>19960</u>
<u>X</u>



Southern Avionics & Communications, Inc.

AIRCRAFT ELECTRONICS

East Ramp Bates Field
(205) 633-4439

P. O. Box 8922
Mobile, AL 36608

RS 702-101

MAINTENANCE RELEASE

This Component was repaired and inspected in accordance with current Federal Aviation regulations and was found air worthy for return to service. Pertinent details of the repairs on file at this agency under Work Order 59367.

Date 7-20-88

Unit ALTIMETER

Mfg. UNITED

S/N M77356

Model 5934 P1

Owner _____

N# 2247M

Tech. SA

Insp. By Joe Stand

ICATIONS, INC.

Id

3-4439

7-20-88

SA

ALTIMETER READS

11960

13970

16000

18010

20000

X

X

Date 7-20-88
COMMUNICATIONS, INC.
BATES FIELD
A. 36608
101

Maintenance

Registration No. _____

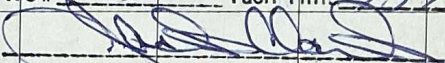
and Remarks

Signature

Certificate No.

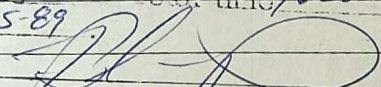
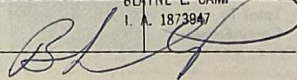
8-5-88 Took 1399.13 packed wheel bags. Repaired nose wheel bags. Repacked Brake wheel Cyls. Rep. one set of lining. cleaned BATTERY box & repaired serviced BAT. serviced A.G. and made RETRACT TEST. Made several repairs AT TIME OF INSPECTION. Replaced Landing light. All new FIT AND GIVE AT THIS TIME. & CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH 1400 A.C. Inspr. and was determined to be in an Airworthy condition SA. Hill
APR 14 5 41 6 77

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought Forward →				
I certify this <u>AIRCRAFT</u> has been inspected in accordance with a <u>Annual</u> inspection and found to be in airworthy condition.				
Date <u>5-5-88</u>	Total Time	<u>1379.13</u>		
W/O#	Tach Time	<u>1379.13</u>		
 Jack E. Clark A & P 384349803 <u>JA</u>				
Total To Carry Forward				

Registration No. _____



and Remarks
<u>Sept. 5-89</u>
I certify that this <u>APR</u> was inspected in accordance with a <u>100</u> inspection and was found to be in an airworthy condition.
Tach time <u>1628.8</u> Total time <u>1628.8</u> Date <u>9-5-89</u>
 Blayne L. Camp A & P 1873947
I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND ALL PERTINENT FAR'S ON THIS DATE <u>9-5-89</u> AIRCRAFT WAS RELEASED TO RETURN TO SERVICE IN AN AIRWORTHY CONDITION. TACH TIME <u>1628.8</u> TOTAL TIME <u>1628.8</u> BLAYNE L. CAMP I. A. 1873947 

AGENCY UNDER WORK ORDER NO. 96-03-01
 PERTINANT DETAILS OF THE REPAIR ARE ON FILE AT THIS
 AVIATION Agency and is approved for return to service.
 in accordance with current regulations of the Federal

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Feb 2, 1990	Brought Forward →			
	Removed	DG. Part number 52D54, S/N 66235F and		
	Horizon, P/N. 52D66, S/N X20682, and Installed			
	new DG, S/N 38658E and new Horizon, S/N X55519F.			
	Installed new Instrument Air Filter, System V's Good			
				High Brake 2414971
Feb 16, 1990.	Installed	STS Loran, model 120MC, S/N		
		21200008. For further details see w/o # 9203		
		Raleigh Flying service CRS 711-4 and Form 337 Piz date.		
Total To Carry Forward				High Brake 2414971

Registration No. _____

and Remarks	Signature	Certificate No.
12 APR 90 Jacko 1720.98 Complied with AD 90-04-06 Prop Gov. line, Para A (1) & (2) by visual insp, with no defects noted. Para B due whenever line is removed or by next eng off whichever is first. Steve Hudson, AEP 246826452		
27 April 90 Removed STS LORAN-C and INSTALLED A IF narrow model # 604 LORAN-C Details see FAA Form 337 This DATE and w/o # 9463 RALEIGH Flying Serv INC.		
	GRS 7114 Steve Hudson	2294183

GREENSBORO AIRPORT
 GREENSBORO, NC 27415
 01/10/90

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10-18-90	Brought Forward →	1822.9	1822.9	Service Batt, Beak es & Tires, Replaced Linings, Replaced Nose Wheel Bearing, Replaced Right Cylinders O'Ring, Replaced Alt. Air Heat Valve, Replaced Rotating Beacon, Replaced Throttle Gear Warning Switch, CK. Gear Retraction Sys & Service, Lub. Aircraft, Install Precise Flight Standby Vacuum Sys. As per STC# 5A216NW & STC# SE1779 NM. Enter 337 IN Aircraft Records. Prepared New wt. & Balance. ELT Batt Replaced As Date June 94
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
AD 76-07-12 Switch c/w		
AD 84-26-02 Air Filter c/w		
<p>I certify that this Aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. Date: 10-18-90 T. 1822.9</p> <p>James E. Bobo James E. Bobo A & P 2231952 IA</p>		
25/10/90 Replaced 7 spoke Aut. System four check good Details see wst# 0197		
CRS-DWSR-387D	Paul Blou	

2799/83



Location ROU Side B
 CRS No. JY10261K

MAINTENANCE RELEASE

The aircraft and/or component on reverse side was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this facility under

Work Order No. 21061 Date 12-4-90

Technician: M. O'Dowd

Inspector: M. O'Dowd

INSTALLATION DATA

A/C Reg	Model	Ser. No.
Pos.	Work Order	A/C Time
Inst. By	Date	Location

2247M

1000	1500	2000	3000	4000	5000	6000	8000	10000	12000	14000	15000	16000	18000	20000	22000	25000	30000	35000	40000	45000	50000
------	------	------	------	------	------	------	------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

The following Make King S/N 1872 to FAR 413 WO # 21061 to 21061 FLY

I certify that the ATC Tr by FAR 91.413 were per and found to comply with

Make King S/N 1872 Signed [Signature]

Details on file, Raleigh Flying

I certify that the Static Altitude Reporting System have been performed in accordance with the requirements of FAR 91.413. Raleigh Flying Service Report Station DWS The Altitude Report

Signature [Signature] 20,000

Registration No. _____

Maintenance

and Remarks

Signature

Certificate No.

5 DEC 90 - REMOVED Narco AR-500 blind encoder & installed Narco AR-850 blind encoder s/n 56698 in same location, w/ same wiring & static system connections - no weight & balance change - system checks good, SEE preceding logbook entries, ^{Raleigh Flying Service} W.O. # 0375

CRS # DWSR887D

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
14 MAY 91	Brought Forward →			
				Removed Mitchell D.G. p/n 52D54
				p/n 38658E and installed Mitchell
				D.G. p/n 52D54 p/n A1734G.
				Ramp checks OK - needs VFR test
				Att. to verify autopilot operation.
				Sign 2. Sign CRS#DWSR387D
				Raleigh Flying Service W.O.# 0914
Total To Carry Forward				

and Remarks

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. 96-1705.

DATE: 6/6/91

SIGNED: [Signature] FOR REPAIR STATION NO. BX1R050K

KEYSTONE INSTRUMENTS, INC. INSTRUMENT CLASS 1,2,3,4

P.O. BOX 2 LOCK HAVEN, PA 17745

form 100-b

6/6/91
 P/R
 134
 W
 Man ops OK OK A/C test
 Tower ops OK OK
 Waverly Exchange Dennis E. Meyer
 AT 102206295

82008 X09 09

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8/8/91	Brought Forward →	Tach Time 1947.55		
		Replaced Nose Gear Down lock sw Actuator + Tub Rebrushed landing Gear Gear Pivot Point Cycled Gear 3 Normal Cycles one Emergency No Defect noted Rotated Nose Gear 1/2 Turn		
		Tive + Serviced w/ Act # 1155		DWSR-387D
<p>RALEIGH FLYING SERVICE, INC. P.O. BOX 80066 RALEIGH-DURHAM AIRPORT, NC 27623</p>				
Total To				
Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
17 Oct 91 ICS In A/cpt. Inspected Installation of LCZ Clock. For Further Details See FAA Form 387 This Date ad w/ # 1383 Raleigh Flying Serv Inc. DWSR 387D	<i>[Signature]</i>	2299153
21 OCT 91 Tach, Prep & A/cft total time: 1975.08 Prep TSOH 152.22 Cleaned and repacked all wheel bearings, repacked L&R brake housings, repacked hand brake cylinder, bled system, serviced all tire pressures, repacked rt main actuating cylinder, replaced center bolts L&R downlock brace, replaced Lt.		

— continued —

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
21 OCT 91	Brought Forward →	1975.08		continued: gear eye-bolt at trunnion, removed nose gear actuating cylinder (GAR-KENYON PN 94951) ITAW AD 82-06-11R, NLG INSP previously signed off on AD listing as NAPN found to be untrue due to missing spacer (Piper 50724A, PART II). Spacer installed, springs replaced, gear rigging checked with no defects noted. (M&E report submitted), replaced broken throttle warning horn micro switch, gear cycled, three normal and one emergency cycle, ops ch OK. Hydraulic reservoir topped off. Lubed all flight controls, hinges, pullers, trim jackscrew, adjusted rudder, stabilator & stab trim cable tensions, resafetied
Total To Carry Forward				

— continued —

Registration No. _____

and Remarks	Signature	Certificate No.
21 OCT 91 Tach: 1975.08 continued: turnbuckles as required. Aileron cable tension chkd within limits. Replaced prop spinner with serviceable part, new prop fwd spinner bulkhead & new cuffs, spinner painted. Replaced rt nav light cover, vac req filter, L&R outbd stab. trim hinges, springs as required on pilot's & co-pilot's seat backs. Removed L&R fuel tanks, replaced both fuel transmitter gaskets & seals where needed on both fuel tanks and vent tube on right tank, tanks reinstalled, hardware replaced as needed, leak ch OK. ELT battery pack replaced, new due date: 10/93, ops ch OK. Reconnected loose connector & bulb replaced for auto gear attention light, replaced rt fuel gauge light bulb, remove electric clock for outside repairs, performed conformity insp and prepared FAA Form 337 on floor 4 probe EGT system		

— continued —

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
21 OCT 91	Brought Forward	→	Tach & Aft total time: 1975.08	continued as per
	STC SA 5225W.		Chkd AD 76-07-12 Bendix mag switch, visual	
	insp. NA by date code & does not apply.		All AD's chkd thru 91-20.	
	See new AD's in log near this logbook.		Aircraft test flown to update	
	placard & supplement for Precise Alt. Standby vac. system.		System restored to original condition.	
	Updated flight manual, weight & bal.		section & supplements.	
	Aircraft approved for return to service.		WO# 1301	
RALEIGH FLYING SERVICE, INC P.O. BOX 80066 RALEIGH-DURHAM AIRPORT, NC 27623		Date	21 OCT 91	Total Aircraft Time 1975.08
Total To Carry Forward		I certify this <u>AIRCRAFT</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in airworthy condition.		
		Signature <u>[Signature]</u> A & P No. <u>WO# DWSR 387D</u>		

Registration No. _____

and Remarks	Signature	Certificate No.
11-19-91 Tach 1982.97		
Installed New Compass & swung New Connection card		
Installed		
	<u>[Signature]</u>	
	AT 2206295	
29 NOV 91 Tach 1994.75		
Reinstalled electric clock after repairs made by Keystone		
Inst. on 10/31/91 under WO# 91-2317, reinstalled turn coordinator after repairs made by Keystone		
Inst. on 11/19/91 under WO# 91-1398. ops chOK.		
	<u>[Signature]</u>	
	DWSR 387D	
RALEIGH FLYING SERVICE INC P.O. BOX 80066 RALEIGH-DURHAM AIRPORT, NC 27623		

The air applican in acco Aviation PERTINAN AGENCY UN DATE: .10. SIGNED: T. T. PIPER MEN. BOX 2 K HAVEN,

AIRCRAFT LOG

Registration No. _____

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
30 Oct 1952	Brought Forward →	1941.75	2208.67	Comply with annual sys. Sys ok good. Broke bearings emergency. Sys ok bearings in both LH oil cooler. Chg nose surfaces all AO's entire in back of log book.
Total To Carry Forward				

and Remarks	Signature	Certificate No.
Drop by Piper manual. Lubed Flap Blad Brakes after Chging 4 66-105 Performed retraction sk to reg 6 good. lube 16 Sys. chg nose & nose wheels. Removed bird nest from tire 500-5 mcon lubed all contact Comply with see log book.		

Date 30 Oct 52
 I hereby certify that this aircraft
 has been inspected in accordance with
 and determined to be in airworthy condition.
 Total time 2208.67 Tach time 2208.67
 Milton E. Gray
 A & P # 2356198-7A

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Dec 8, 92	Brought Forward →	2208.69	2236.40	
				ADJUST Nose gear sw up for for unsafe warning red lite retracted 12 times sys OK Good.
				M Delloy AHP 2356198
April 15 93		2287.51	2207.51	Inst ELT ant 1652-101 OP CK GOOD AOS Left Arelon 3 turns on control rod.
Total To Carry Forward				M Delloy AHP 2356198

Registration No. _____

and Remarks	Signature	Certificate No.
6 Oct 1993 TACH 2417.32 Inst HRDFA-14/28 VOLT strobes assy in tail position Inst decals also see 337 this date		
Inst MET-CO. cine 50 2500 stab tips see 337 this date complied with 100% drop by Pipe ck list lubed A/C Flaps a/celrons turns Nrips pullers cables Inst 2 brake bearings left wheel assy perform vibration error T reg. ck good. All AD comply with till this date see log book entries ck fuel screens & filter ck flap handle bolt ck good ck all lights clean A/C clean windows.		
		see next page.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
27 MAY	Brought Forward →		2563	
	Inst new alt	411810	OPS ck good	
	see yellow tag	w/o 23791		
		M Dilley A/P 2356198		
2 JUN 94	Installed	VOCT Reg SR 200	OPS ck good.	
		M Dilley A/P 2356198		
Total To Carry Forward				

Registration No. 2247 M

and Remarks	Signature	Certificate No.
238.08 Annual		
Nov 4 1994 TACH 2655.40 TT 2655.40		
complied with annual Insp this date		
Lubed A/C, N/O wheel Bearings, scissors, pulley, cables,		
Hinges all controls ck flap handle & control wheel		
ck two presses. Inst new tail cone, Inst new		
Hinge on eng top cowl oil door. Refused return test		
ck good & emergency. all doors ck good. clean		
windows & inside		
all AD: comp w/et		
Date <u>4 NOV 94</u>		
I Certify that this <u>AP</u>		
has been inspected in accordance with		
also annual inspection and was		
determined to be in airworthy condition.		
Total time <u>2655.40</u> Tach time <u>2655.40</u>		
<u>M Dilley</u>		
Milton E. Gilley		
A & P # 2356198		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Aug. 17, 1995	Brought Forward →	Tach - 2790.9 T.T. - 2790.9		Removed and replaced filter, B3-5-1, central right & left wing, left right main baggage door molding and switch. Replaced cylinder. Replaced C/W AD 84-26-02, no serviced struts, battery, bearings, controls and
AIR CARE ENTERPRISES, INC. Lost Nation Airport 1885 Lost Nation Road Willoughby, OH. 44094				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
nose tire, right nav. bulb, vacuum regulator air air filter, D9-18-1, aileron rod end bearings to wheel brake linings and caliper and the Installed pilot seat belt bushing and a hobbs meter the induction air filter. Rebuilt pilot h.t. master trim drum bushings. Balanced left aileron, other compliance needed. Installed fuel tank placards.		
I certify that this <u>Airframe</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition.	Signature <u>Jim Rizzo</u>	
	# <u>ACP 275605815A</u>	

END
LOG
I

ET 1524
ET 1524

The A. f

N 2847M
LOG

FEMPEST

Air Filter Change Reminder

Change at:

Installed at:

954.0

Hrs.

454

Hrs.

Date

D 9-18-1



Aero Accessories, Inc.



The Standard

AIRCRAFT LOG

ASA-SA-1

The Standard Aircraft Log
SA-1

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ASA-SA-1

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Renton, WA 98059-3153



P N R A S A - S A - 1



9 781560 271642

Aircraft Record General Information

Manufacturer Piper Model PA 28R 201
Serial 28R-7837073 Registration Number 2247M
Date of Manufacture 8-9-98
Engine(s) currently installed:
Manufacturer Lycoming Model I0-360-C1C6 Serial L18275-51A
Manufacturer _____ Model _____ Serial _____
Propeller(s) currently installed:
Manufacturer McCawley Model B2D34C213
HUB Model _____ Serial 778946 Serial _____
Blade Model _____ Serial B74965 Serial _____
Blade Model _____ Serial B77459 Serial _____

DATE 19 96
RECORDING TACH TIME

5/10/96 296340

ALTIMETER SCALE CORRECTION CARD

AIRCRAFT N# 2247M

ALTIMETER S/N M7356

SCALE CORRECTIONS

Add algebraically at room temp

Add algebraically at room temp

-1000	-20
0	+5
1000	0
1500	+10
2000	+10
3000	+20
3000	—
4000	+20
6000	+10
8000	+25
10000	+10
12000	+20

14000	+10
16000	+10
18000	-10
20000	+20
22000	
25000	
30000	
35000	
40000	
45000	
50000	

Tested by: Ph. J. ... Date: 5/10/96

SCALE CORRECTIONS SHOWN ON THIS CARD ARE THE SCALE ERRORS WITH THE SIGN REVERSED. ONLY THOSE SCALE ERRORS DETERMINED BY THE USE OF A MASTER ALTIMETER TRACEABLE TO AN ACCURATE MERCURIAL BAROMETER AT THE TIME THE ALTIMETER IS CALIBRATED FOR ACCEPTANCE WILL BE USED IN DETERMINING SCALE CORRECTIONS FOR ENTRY ON THIS CARD. THE COMPLETED SCALE CORRECTION CARD WILL BE ATTACHED TO THE ALTIMETER WHEN IT IS NOT INSTALLED IN THE AIRCRAFT.

GATEWAY AVIONICS CORP.
CRS G4WR516J

DATE 19 96
RECORDING TACH TIME

6-19 2996.

DATE 19 96
RECORDING TACH TIME

6-19 2996.

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.)

C/W AD76-07-12 by inspecting Bendix Ign. Switch. Replaced both main tires and lubed all wheel bearing. Replaced one brake lining on left. Replaced right side gear ~~ratio~~ switch. Replaced vacuum regulator air filter. Lubed all controls & fittings.

I certify that this Airframe has been inspected in accordance with Annual inspection and was determined to be in airworthy condition.

Signature JM Russo

ADD 27546581374

Signed M. [Signature]
 Date 8-12-96
 Signature of Authorized Person
BEACON INSTRUMENT SERVICE INC.
 Certificate No. U22121L
 Detroit City Airport Detroit, MI 48213

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.)
1/9 3090	4/2 AD 95-26-13		By replacement of oil cooler hoses w/ new, 4/2 AD 96-10-03 By installation of Bussville & Clavis Re-945 R/P Battery w/ new, serviced main struts 4/2 AD 96-07-12 By gas check, lubed all wheel bearings, lubed landing gear & all controls. Reformed gear retraction & extension tests. All trim (downing) <u>W/ Required Wait.</u>
			AIR CARE ENTERPRISES, INC. Lost Nation Airport 1885 Lost Nation Road Willoughby, OH, 44094

DATE 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.)
1/9 3194	1885 Lost Nation Airport		CLW AD 76-07-12, CLW AD 93-02-05, CLW AD 95-26-13. Replace & o/c cooler door hinge. Lubed landing gear wheel bearings. Lubed all controls. Performed gear extension & retraction tests. I certify that this Airframe has been inspected IAW a 100 hr imp and was determined to be airworthy.
			AIR CARE ENTERPRISES, INC. Lost Nation Airport 1885 Lost Nation Road Willoughby, OH, 44094

CERTIFY THAT THIS AIRCRAFT/ENGINE/PROP
 HAS BEEN INSPECTED IN ACCORDANCE WITH A
 CONTINUING/PROGRESSIVE INSPECTION AND
 WAS DETERMINED TO BE AIRWORTHY.
JM King AD 275658153A

CERTIFY THAT THIS AIRCRAFT/ENGINE/PROP
 HAS BEEN INSPECTED IN ACCORDANCE WITH A
 CONTINUING/PROGRESSIVE INSPECTION AND
 WAS DETERMINED TO BE AIRWORTHY.
James Jay Rizzo
 Director of Maintenance
 AD 275658153A

DATE	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.)
		3326.86	(1) c/w AD 95-26-13
			(2) c/w AD 93-02-05
			(3) c/w AD 76-07-12
			(4) c/w 100 hr Inspection checklist
			(5) Serviced oil system with Amshell 15 w50 oil and new oil filter cut & disp old oil filter element
			(6) Serviced nose wheel bearings
			(7) Serviced both main wheel bearings
			(8) Serviced both main struts with new seals & oil

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 95	3/17	cont		(9) Installed new nose strut bushing and related hardware
				(10) Installed new main gear spring & related hardware
				(11) Installed new stabilizer hinges middle & outboard
				(12) Installed new composite spinner see 331 for details
				This airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition
				Bill Smith LA 027426110

DATE	RECORDING TIME	TODAY'S PLUM	TOTAL 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)
10/13/02	3:57:36	✓	3:57:36	Laundry that Hrs. a/c unit has been inspected in accordance with an annual inspection and was determined to be in satisfactory condition. Attestation of Bell #1301937 1A Caryon Mesquita, Inc.



DATE	RECORDING TIME	TODAY'S PLUM	TOTAL 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)
2/16/03	7:16:35:15	✓	7:16:35:15	Completed Annual Inspection on Air-Flow Completed with AD 74-07-12 Checked list of switches Completed with AD 95-26-13 Oil of oil cooler has Checked AD Hrs. Fan. Dork. Checked E/H Boly TAW 91-207 (d) Replaced E/H Boly run both Dork ADOS checked all galls, balllocks, cold water pump, hydraulic Service H/O service, battery, brake oil, fire ground gear Retraction and emergency gear extension - good. Replaced pave tin & hole. Soldered chakra & bleed holes. Replaced All back lavings. Took W new 1st Str. Light. next page

DATE 19__	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.)
				<p>Installed new Lt Strbe light retainers. Installed new upper strut bearing - Reassembled nose strut. Shimmed Lt & Rt gear pivot Assy's Adjusted gear A/Rs. Gave owner list of discrepancies. All work performed IAW Piper Service Manuals and 43.13d. I Certify that this Aircraft has been Inspected IAW an Annual Inspection and has been determined to be in Airworthy Condition.</p> <p><i>Yon D. Williams</i> 27674998214</p>

DATE 19__	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.)
	N9274M April 6, 2007			<p>Aerobear Aviation LLC 1001 W. Mingus Avenue Cottonwood, AZ 86326</p> <p>Tach: 3762.22 hrs AFTT: 3762.22 hrs</p> <p>I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p>Robert A. Luna <i>Robert A. Luna</i> 3186868 IA</p> <ul style="list-style-type: none"> Inspected and lubricated wings, tail, cabin, fuselage, landing gear, cables, pulleys, hinges, rod ends, turnbuckles, and bellcranks. Inspected fuel system, electrical system, lights and battery. C/W FAR 91.207(d)(1-4), ELT unit inspected and found to be in good condition at this time. Battery replacement due Nov 2008. A.D.' checked through 2007-06 Removed and replaced landing gear micro switch All work done IAW Piper service manual and FAR 43, Appendix "D".

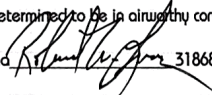
DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------	---------------------------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

N2274M
December 18, 2009

Aerobear Aviation LLC
1001 W. Mingus Avenue
Cottonwood, AZ 86326

Tach: 3813.52 hrs
AFTT: 3813.52 hrs

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

Robert A. Luna  3186868 IA

- Inspected and lubricated wings, tail, cabin, fuselage, landing gear, cables, pulleys, hinges, rod ends, turnbuckles, and bellcranks Inspected fuel system, electrical system, lights and battery. C/W FAR 91.207(d)(1-4), ELT unit inspected and found to be in good condition at this time. A.D.' checked through 2009-23.
- All work done I/A/W Piper service manual and FAR 43, Appendix "D".

DATE 19__	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.)
--------------	---------------------------	-------------------	-----------------------------	--

4-13-10 Tach 3816.22 Replaced right main tire & tube, balanced wheel assembly, cleaned and packed bearings. Rebuilt right brake. Replaced alternator drive belt. Removed ELT for repair (placarded panel for ELT removal, and today's date) Revised W+B to reflect ELT removal.

W.O: 202741 John Atterhill A+P 5287177

DATE RECORDING TODAY'S TOTAL Description of Inspections, Tests, Repairs and Alterations Technician or Repair

MOBILE AVIONICS, INC.
8585 Pyott Rd.
Lake in The Hills, IL 60156

Date 5-1
Work Order N
I certify that I performed the
M
Signed for CR

Date 5-10
Work Order No. 4565

I certify that the altimeter checks required by 14CFR 91.411 have been performed this date and were found to comply with Part 43, Appendix E, Paragraph B.

Date 5
Work Order
Altimeter Serial No. M7356

I certify 91.413 Appen
Tested To 20K
M. Votel
Signed for CRS No. #M5BR662J

Altimeter Reads	Error	Altimeter Reads	Error
-1.000	15	14.000	30
0	15	16.000	50
500	15	18.000	60
1.000	15	20.000	60
1.500	15	22.000	
2.000	15	23.000	
3.000	20	30.000	
4.000	30	35.000	
6.000	30	40.000	
8.000	40	45.000	
10.000	30	50.000	
12.000	10	HY 40%	50
HY 50%	40	After Effect	10

required and were
250

Chician or Repair

DATE RECORDING TODAY'S TOTAL Description of Inspections, Tests, Repairs and Alterations Technician or Repair

MARCH 2012

Aviation Maintenance, Inc.
1115 S Wolf RD
Wheeler, IL 60090 / (847) 541 - 4752

AIRFRAME LOG ENTRY

N #: 2247M DATE: 05/14/10: Tach: 3829.15 TTAf: 3829.15

Installed ACK Technologies E.L.T kit p/n:E-101 s/n:062916 in accordance with ACK Technologies installation/operation manual and AC 43.13 chapter 2 & 3 and AC 43.13 change 1 chapter 12 sub chapters 12-21 & 22. Batteries expire March 2012. Replaced LH-outer wheel half with new (162-04500) wheel half. Removed cabin entry step cleaned and welded crack at attach weld and repainted and applied wing walk as required. Reinstalled step to aircraft. Checked AD status via ATP bi-weekly 05-05-10. Complied with AD 99-24-10 by visual physical and operational inspection of Precise Flight stand-by vacuum system. Replaced seat tube for Co-pilot defrost. Replaced main air scoop for tail blower unit p/n:K7192-00. SEE FORM 337 in regards to E.L.T installation dated March/14th/2010. Updated weight and balance and equipment list to reflect changes.

END

With respect to the work performed this AIRFRAME is approved for return to service.

Christopher J. Swanick
Christopher J. Swanick A&P2725102



DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
19				
				<p>MAKE: Piper MODEL: Pa-28r-201 S/N: 28R-7837073 REG NO: 2247M WORK ORDER: 4441-08-2010</p> <p> Aviation Maintenance, Inc. 1098 S. Milwaukee #301 Wheeling, IL 60090 Phone: 847-541-4752</p> <p>DATE: 8/9/2010 A/C TSN: 3886.25 TACH: 3886.25</p> <p>Airframe Entries Troubleshot landing gear warn system and replaced throttle warn switch with new (487-925) switch. Jacked aircraft, performed gear retraction and checked op's of warn system. All op's ck's good... Removed and replaced oil access door on top cowling with new (99096-000) door assy, ops ck's good</p> <p>END</p> <p>Christopher J. Swanick A&P2725102</p> <p>Maintenance Release The aircraft and/or component(s) on 2247M was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 4441-08-2010, Dated 8/9/2010.</p> <p>DATE: 8/9/2010 SIGNED:  Work Order: 4441-08-2010</p>

Aurora Airport • Sugar Grove, IL
 FAA Repair Station #NF2R029L
AIRFRAME LOG ENTRY

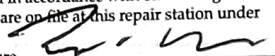
S/N _____
 N# 2247M

Description of work done:

Repaired broken wire at EFIS Master switch. Tested.
 Final Test OK.

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

WO 222490 Date 30AUG2010 Tech/Hobbs 1258.3 Signature  Luke W. Gomoll
 Inspector (print)

NEW TACH @ 3906.35-717

DATE

TACH TIME

Repair Station #NF2R029L AIRFRAME LOG
 Type PIPER PA28R-201 TT 3906.35
 N # 2247M
 S/N 28R-7837073 REC. HR. METER 447.7
 INSTALL CUSTOMER SUPPLIED TACH AND TACH CABLE-
 REMOVED THE TACH CABLE AND INSTALLED A NEW CABLE P/N 486-575
 REMOVED THE ORIGINAL TACHOMETER WITH 3906.35 HOURS INDICATED
 AND INSTALLED REPAIRED TACHOMETER P/N 599-282 DEM P/N
 2801-0035 S/N 39893 REF 8130-3 NO.48148 FROM PIPER AIRCRAFT.
 TESTED THE TACHOMETER FOR PROPER OPERATION AND ACCURACY.
 FOUND 2400 RPM INDICATED WAS 2420 ACTUAL.
 AIRCRAFT TOTAL TIME THIS DATE IS 3906.35.
 THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
 REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
 OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
 SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
 REPAIR STATION UNDER W.O. # 18344 DATE: AUGUST 31, 2010
 SIGNED: BRUCE REBECHINI *Bruce Rebechini* For
 J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554
 F.A.A. APPROVED REPAIR STATION #NF2R029L

DATE REC TAC TIM



Aviation Maintenance, Inc.
1115 S Wolf Rd
Wheeling, IL 60090 / (847) 541 - 4752

AIRFRAME LOG ENTRY

N #: 2247M DATE: 08/20/2010 TACH: 3902.2 T.T.A.F. 3902.2

Removed broken fwd stabilator trim cables and installed new cables (LH-p/n:72701-111) (RH-p/n:62701-104).
 Replaced all pulleys for fwd trim cables and rigged system and safetied turnbuckles. Complied with AD 2010-15-10 by
 visual and measurement inspection of pilot and co-pilot control column shaft end to taper pin hole distances (witness
 holes not present) as outlined in Piper service bulletin NO. 1197B. Installed new taper pins and hardware as required.
 Removed and replaced LH-fwd control column sprocket with new (62839-000) sprocket using new taper pins and
 hardware as required. Rigged aileron system and safetied turnbuckles as required. Readjusted aileron stops at
 bellcranks per s/m as required. Repaired wires for engine gauge lights. Test flew aircraft and checked op's of control
 systems, op's ck's good.

END

With respect to the work performed the Airframe is approved for return to service.

Christopher J. Swanick
Christopher J. Swanick A&P2725102

DATE
19__

RECORDING
TACH
TIME



Aviation Maintenance, Inc.

1115 S Wolf RD
Wheeling, IL 60090 / (847) 541-4752



AIRFRAME LOG ENTRY


2247M DATE: 09/10/10 TACH: 454 TTAF: 3912.65

1. Completed 100hr inspection per Piper service Manual, and AC 43.13 (D);
2. Complied with FAR 91.207 (D). E.L.T battery expires March/2012.
3. All AD's checked through ATP biweekly 09-04-10.
4. Replaced vacuum relief filter with new (B3-5-1) filter. Next due @ 554 Tach.
5. Replaced central vacuum filter with new (D9-18-1) filter. Next due @ 954 Tach.
6. Replaced all RH-nose gear door o/b rivets.
7. Replaced L&R aileron outboard pulleys with new (481-614) pulleys and hardware.
8. Replaced LH-main tire with new Condor 6.00-6 x 6pr tire.
9. Installed new Lower rod end bolts and hardware for nose gear doors.
10. ~~Replaced several screws throughout airframe.~~ *COO A&P272502*
11. Re-adjusted throttle warn horn switch to actuate at correct MAP.
12. Jacked aircraft and performed landing gear retraction and emergency extension test.
13. Replaced several screws throughout airframe as required.
14. Continued routine servicing as required.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 Hr. INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.
END

With respect to the work performed the Airframe is approved for return to service.

Christopher J. Swanick A&P2725102

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__				
				<p>MAKE: Piper MODEL: Pa-28r-201 S/N: 28R-7837073 REG. NO: 2247M WORK ORDER: 4510-09-2010</p> <p> Aviation Maintenance, Inc.</p> <p>1098 S. Milwaukee #301 Wheeling, IL 60090 Phone: 847-541-4752</p> <p>DATE: 9/23/2010 A/C TSN: 3926.85 TACH: 468.2</p> <p>Airframe Entries</p> <p>Troubleshoot gear warn system and located broken uplock limit switch actuator tab. Installed new tab and jacked aircraft and performed gear retraction and system ck'. All op's ck's good.... Troubleshoot panel lighting system and removed and replaced circuit dimmer transistor (p/n:489-400) and socket assy' (p/n:487-111). Reinstalled switch cavity and switches. Op's ck's good Replaced faulty RH-nav light bulb with new (CMA7512-12) bulb. Op's ck's good.</p> <p>_____ END _____</p> <p>Christopher J. Swanick A&P2725102.</p> <p>Maintenance Release</p> <p>The aircraft and/or component(s) on 2247M was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order # 4510-09-2010, Dated 9/23/2010.</p> <p>DATE: 9/23/2010 SIGNED: <i>Christopher J. Swanick</i> Work Order: 4510-09-2010</p>

J.A. AIR CENTER

Aurora Airport • Sugar Grove, IL 60554
FAA Repair Station #NF2R029L

AIRFRAME LOG ENTRY

Type Piper PA28R-201
S/N 28R-7837073
N# 2247M

Description of work done:

Repaired VOR KI-214 S/N 15818. See work order 222954 for further information.

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

222954 Date 23 Nov 10

Tach/Hobbs _____

Signature *Michael T. Wilson*
Michael T. Wilson

Inspector (print) _____

DATE
19__

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Aviation Maintenance, Inc.
1115 S Wolf RD
Wheeling, IL 60090 / (847) 541-4752

AIRFRAME LOG ENTRY

DATE: 12/30/10 Tach: 550.6 TTAI 400 P-2J



1. Completed 100hr inspection per Piper service manual and AC 43.13 (D).
2. Complied with FAR 91.207 (D). E.L.T battery expires November/2013 and re-registration due March/2012.
3. All AD's checked through ATP biweekly 12-14-10.
4. Replaced vacuum relief filter with new (B3-5-1) filter. Next due @650.6 tach.
5. Removed and re-sealed nose gear actuator and reinstalled per Piper s/m using new hardware.
6. Removed and replaced landing gear power pack and motor unit with overhauled unit (p/n:HYC5005) (s/n:8712).
7. Jacked aircraft and performed landing gear retraction and emergency extension test. All op's ck's good.
8. Removed damaged battery box and cover and treated corrosion area under box and sealed with protectant. Installed serviceable battery box and new box cover.
9. Replaced LH-brake linings with new (066-105000) linings and safetied caliper bolts.
10. Replaced LH & RH aileron inner and outer rod ends with new (452-335) rod ends using new

CONTINUED →

DATE 19__	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.)
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- hardware and readjusted travels per s/m.
11. Replaced cabin entry door fuselage hinge eye bolts with new (AN44-17A) eye bolts and readjusted hinge friction. Op's ck's good.
 12. Continued routine servicing as required.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A
100 Hr. INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.
END

With respect to the work performed the Airframe is approved for return to service.

Christopher J. Swanick
Christopher J. Swanick A&P2725102

*B
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A
2*

DATE 19__	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.)
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Aviation Maintenance, Inc.

1115 S Wolf RD
Wheeling, IL 60090 / (847) 541 - 4752



AIRFRAME LOG ENTRY

N #: 2247M DATE: 12/29/10 Tach: 550.6 T.T.A.F.: 4009.25

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN
ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION. -END-

Joseph Fritzen
Joseph Fritzen AP27589461A

AUTHORIZED REPAIR
FAA Form 8130.3, AIR

Part Number: 440385

RECORDING TIME	TODAY'S FLIGHT	TOTAL TIME 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>
	<p>NAME: Peter Moore MODEL: Cessna 441 S/N: 286-183073 REG. NO: 2227M WORK ORDER: 4894-09-2011</p>		<p>Aviation Maintenance, Inc. 1098 S. Milwaukee Ave Wheeling, IL 60090 Phone: 847-541-4752</p> <p>DATE: 11/20/11 A/C TSN: 446505 TACH: 698.4</p>
	<p>Removed faulty armature and sent to AirParts Of Lockhaven for overhaul. Reinstalled overhauled armature using new hardware and installed new instrument cluster lens's. Ran engine and checked ops of armature and charging system. All ops ok's good</p>		
	<p>Christopher J. Swinick ASP2728102</p>		
	<p>Maintenance Release</p>		
	<p>The aircraft and/or component(s) on 2247M was repaired in accordance with current FAA rules of the Federal Aviation Regulations and was found Airworthy for return to service. Permitted to fly under the authority of the FAA Form 8130.3, dated 09-2011.</p>		
	<p>DATE: 11/20/2011</p>		

SIGNED: *Christopher J. Swinick*
WORK ORDER: 4894-09-2011

DATE	RECD TACH TIME	REPAIRS
		<p>Aviation Maintenance, Inc. 1098 S. Milwaukee Ave Wheeling, IL 60090 (847) 541-4752</p> <p>AIRFRAME LOG ENTRY No: N2247M DATE: 01/31/2012 Tach: 698.5 TTAF: 418.15</p>
		<p>1. Completed 100hr inspection in accordance Piper 50M p/n: 761-895, FAR 43 (D) and Prestec Flight ICA.</p> <p>2. Replaced E.L.T. batteries with new Duracell (MN1300) batteries.</p> <p>3. Completed with FAR 91.207 (D) E.L.T. Battery expires March 2014.</p> <p>4. All AD's checked through ATP database 01-06-2012.</p> <p>5. Completed with AD 76-07-12 R1 by operational check of ignition switch. Next due @ 789.5 hch.</p> <p>6. Completed with AD 99-24-10 LAW Prestec Flight ICA (section of installation report</p> <p>7. Installed new FAA PMA d lead starter kit (PMA-SA-300) from Steve's Aircraft. See FAA form 337 DATED 01/17/2012 for pertinent details regarding installation.</p> <p>8. Replaced all nut-plates and mounting screws for L&R wing tips</p> <p>9. Replaced all nut-plates and mounting screws for RII-stabilizer tip fairing</p> <p>10. Replaced all nut-plates and mounting screws for L&R wing speed fairings</p> <p>11. Replaced 2 trivents and all mounting screws and washers for L&R wing speed fairings</p>

CONTINUED NEXT PAGE

DATE	RECORDING TACH TIME	TODAY'S 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.)

Continued From Previous Page

12. Replaced aircraft battery with new customer supplied Gill (G35) battery.
13. Replaced RH-fwd locking grommet on lower cowling with new (69790-000) grommet.
14. Continued routine servicing as required.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 Hr. INSPECTION AND A LIST OF DISCREPANCIES AND UNAIRWORTHY ITEMS DATED 01/31/2012 HAS BEEN GIVEN THE OWNER/OPERATOR.
END

With respect to the work performed this Airframe is **NOT** approved for return to service.

[Signature]
Christopher J. Swanick A&P2725102

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Aviation Maintenance, Inc.
11 S W FRD
Wheeling, IL 0090 / (847) 541 - 4752



AIRFRAME LOG ENTRY
N #: 2247M DATE: 02/01/12 Tach: 689.5 T.T.A.F.: 4148.15

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND A LIST OF DISCREPANCIES AND UNAIRWORTHY ITEMS DATED 01/31/2012 HAS BEEN PROVIDED TO THE AIRCRAFT OWNER. -END-

[Signature]
Joseph Fritzen AP2758946IA

an or Repair

DATE

19

MOTIVE SERVICES CO.
 8411 PYOTE ROAD
 LAKE IN THE HILLS, ILLINOIS 60156
 HANGAR P-62 LAKE IN THE HILLS AIRPORT

FEBRUARY 17, 2012

N2247M

690.4 TACH TIME

4149.05 TOTAL TIME

THE FOLLOWING LIST OF DISCREPANCIES AND UNAIRWORTHY ITEMS DATED 01/31/2012 WERE ADDRESSED THIS DATE AND TIME AS FOLLOWS:

1. NOSE GEAR ASSEMBLY HAS EXCESSIVE MOVEMENT IN BUSHINGS AND BEARINGS. INSPECTED NOSE GEAR AND FOUND WEAR TO BE WITHIN THE LIMITS SET FORTH IN THE MAINTENANCE MANUAL, CHAPTER 32-20-00, NOSE GEAR SERVICE TOLERANCES. NO FURTHER ACTION TAKEN.
2. BOTH LEFT AND RIGHT MAIN GEAR ASSEMBLIES HAVE EXCESSIVE MOVEMENT IN BUSHINGS AND BEARINGS. REMOVED BOTH MAIN GEARS. CORRECTED THE INSTALLATION OF THE TRUNNION BEARINGS AND REINSTALLED BOTH MAIN GEARS. FOUND INCORRECT BUSHINGS INSTALLED IN THE SCISSORS. REPLACED BUSHINGS WITH P/N 67026-007 BUSHINGS AND BOLTS IN BOTH MAIN GEAR SCISSORS. REMOVED BOTH MAIN GEAR SIDE BRACE FITTINGS AND REPLACED P/N 67026-12 BUSHINGS. ALL NEW PARTS ARE FROM PIPER. REINSTALLED SIDE BRACE FITTINGS.
3. NOSE GEAR SHIMMY DAMPENER HAS EXCESSIVE MOVEMENT IN BUSHINGS AND BEARINGS. REMOVED SHIMMY DAMPENER AND INSPECTED. SECURED THE SHIMMY DAMPENER MOUNT BOLT AND SECURED THE ATTACH BRACKET BOLTS.
4. BOTH LEFT AND RIGHT BRAKE HOSES CHAFED AND AGED. REPLACED BRAKE HOSES WITH NEW HOSES FROM RLB ACCESSORY SERVICE. INSTALLED SPIRAL WRAP IN AREAS PREVIOUSLY CHAFED.
5. LEFT MAIN GEAR ACTUATING CYLINDER LEAKING. REMOVED AND RESEALED CYLINDER. REINSTALLED CYLINDER AND LEAK CHECKED O.K.

(CONTINUED NEXT PAGE)

DATE

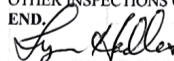
19

(CONTINUED FROM PREVIOUS PAGE DATED FEBRUARY 17, 2012 N2247M)

6. CHAFE MATERIAL AROUND HOLE IN AFT BULKHEAD FOR LEFT RUDDER CABLE PASS THROUGH COMING OFF. SECURED LEFT CLOSEOUT DISC.
7. LEFT AND RIGHT FLAP ACTUATING ROD ENDS ON WING SIDE OF ROD WORN. INSPECTED ROD ENDS AND FOUND TO BE WITHIN NORMAL WEAR TOLERANCES. NO FURTHER ACTION TAKEN.
8. RUDDER UPPER HINGE BEARING WORN. REMOVED RUDDER AND INSPECTED. FOUND BEARING O.K. FOUND ATTACH BOLT SEVERELY WORN. REPLACED UPPER HINGE AN3-11 BOLT.
9. LEFT AND RIGHT FUEL QUANTITY SENDING UNIT GASKETS SEVERELY DETERIORATED. INSPECTED FUEL QUANTITY SENDING UNITS. NO LEAKS OR SEEPS FOUND. NO FURTHER ACTION TAKEN.
10. CORROSION NOTED THROUGHOUT WING INTERIORS. OPENED WING INSPECTION PANELS. INSPECTED AND TREATED MINOR CORROSION WITH ACF-50. NO FURTHER ACTION TAKEN.

THE FOLLOWING ADDITIONAL DISCREPANCIES WERE NOTED AND CORRECTED: FOUND LEFT AND RIGHT MAIN WHEEL BEARING PRELOADS TOO LOOSE. FOUND THAT THE AXLE NUTS WERE INSTALLED BACKWARDS. REMOVED WHEEL BEARINGS. CLEANED, INSPECTED, AND REPACKED WHEEL BEARINGS. INSTALLED WHEELS AND SET PRELOAD TO SPECS. FOUND NOSE WHEEL BEARINGS ROUGH. REMOVED NOSE WHEEL BEARINGS. CLEANED AND INSPECTED. REPLACED ONE NOSE WHEEL BEARING CONE AND CUP AND REPACKED BOTH BEARINGS. FOUND BOTH BRAKE CALIPERS LEAKING. REPLACED BRAKE CALIPER O-RINGS. FOUND ONE RIGHT MAIN GEAR SCISSORS APEX BUSHING INSTALLED BACKWARDS. REMOVED AND INSPECTED BUSHING. REINSTALLED BUSHING IN CORRECT ORIENTATION. SERVICED BOTH MAIN STRUTS WITH NITROGEN. SWUNG GEAR 5 TIMES AND FOUND ALL OPERATIONS NORMAL. SERVICED THE HYDRAULIC SYSTEM FLUID TO FULL. NO OTHER INSPECTIONS OR SERVICING WERE PERFORMED. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

END.



LYNN HADLER A&P 1736940 IA

DATE

19

MAKE: Piper
 MODEL: Pa-28r-201
 S/N: 28R-7837073
 REG NO: 2247M
 WORK ORDER:
 5279-06-2012



Aviation Maintenance, Inc.

1098 S. Milwaukee #301
 Wheeling, IL 60090
 Phone: 847-541-4752

DATE: 7/23/2012
 A/C TSN: 4148 15
 TACH: 689.5

Airframe Entries

Repaired oil door hinge... Removed old door seal, and replaced with PMA door seal p/n 1200-23... Replaced electric trim clutch plate p/n 24695-000 and friction disk p/n 494-159. function tested good... Removed and replaced worn LH main brake linings p/n 066-10500. Operation check on brake system was satisfactory at this time.

Maintenance Release

The aircraft and/or component(s) on 2247M was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 5279-06-2012

DATE: 7/23/2012

SIGNED:

RMatney, A&P: 3334224

Work Order: 5279-06-2012

Printed by EBis 3 (datcomedia.com)

J.A. AIR CENTER
 Aurora Airport • Sugar Grove, IL 60554
 FAA Repair Station #NF2R029L

Type Piper PA28
 S/N 28R-783707
 N# 2247M

AIRFRAME LOG ENTRY

Description of work done:

Removed Aspen EFD1000 PFD s/n: 5653 and installed Aspen Exchange EFD1000 PFD s/n: 120483. Setup and tested.
 Performed pitot static check as required by FAR 91.411.

Final Test Ok.

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

WO

226349

Date

12OCT2012

Tach/Hobbs

772.013

Signature

Inspector (print)

Luke W. Gomoll

DATE	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
19			

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MOBILE AVIONICS, INC.
8585 Pyott Rd.
Lake in The Hills, IL 60156

Date 1-16-13
Work Order No. 5311

I certify that the altimeter checks required by 14CFR 91.411 have been performed this date and were found to comply with Part 43, Appendix E, Paragraph B. APCN P/F/O

Altimeter Serial No. 120483

Tested To 20K

Signed for CRS No. #M5BR662J

Altimeter Reads	Error	Altimeter Reads	Error
-1.000	-10	14.000	-10
0	-10	16.000	-20
500	-10	18.000	-20
1.000	-10	20.000	-20
1.500	-10	22.000	
2.000	-10	23.000	
3.000	-10	30.000	
4.000	-10	35.000	
6.000	-10	40.000	
8.000	-10	45.000	
10.000	-10	50.000	
12.000	-10	HY 40%	10
HY 50%	10	After Effect	0

Date 1-16-13
Work Ord
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Signed for

Date 1-16-13
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DATE	TOTAL TIME IN	Manufactures' Mandatory Service Bulletins Chronological Listing of Compliance and Method of Compliance	
19			
MOTIVE SERVICES CO.			
8411 PYOTT ROAD LAKE IN THE HILLS, ILLINOIS 60156 HANGAR P-62 LAKE IN THE HILLS AIRPORT			
JANUARY 16, 2013	N2247M	781.4 TACH TIME	4280.05 TOTAL TIME
<p>PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH PIPER PA28R-201 ANNUAL INSPECTION LIST. PERFORMED ROUTINE SERVICING. REPLACED AIR FILTER WITH A NEW P/N BA-10. PERFORMED BATTERY CAPACITY TEST ON THE SHIP'S BATTERY. FOUND BATTERY TO BE SERVICEABLE AT 100% CAPACITY. RECHARGED AND INSTALLED BATTERY. ALL GEAR SWING CHECKS O.K. RELAMPED TAIL NAV LIGHT. REPLACED CLOCK WITH A NEW SAME TYPE ASTRO TECH LC-2 CLOCK. SECURED VENT TUBES ON BATTERY BOX COVER. REMOVED BATTERY BOX. FOUND BATTERY BOX DRAIN TUBE DISCONNECTED. CLEANED UP AREA AND PAINTED WITH ACID PROOF PAINT. REINSTALLED BATTERY BOX. DISPLAYED AIRWORTHINESS CERTIFICATE. REPLACED TWO EACH MISSING SEAT STOPS P/N 62654-00 ON BOTH FRONT SEATS. REPLACED OIL COOLER DUCT P/N 63633-63 FROM PIPER. REMOVED DEBRIS FROM OIL COOLER. SECURED TROTTLE CABLE ROD END BOLT. REPAIRED ELT MOUNTING BRACKET AND REMOVED WIRE TIES. REMOVED DEBRIS FROM THE LEFT WING. SECURED CO-PILOT'S SEAT BACK. LUBED MIXTURE CONTROL AND ALTERNATE AIR CABLES. SECURED LEFT MAG SWITCH WHERE LOOSE IN PANEL. REATTACHED N NUMBER PLACARD TO INSTRUMENT PANEL. REMOVED LEFT FUEL TANK TO REPLACE BROKEN FUEL TANK VENT P/N 36625-02 FROM PIPER. REPLACED COMPASS CORRECTION CARD. REPLACED STANDBY VACUUM SYSTEM PLACARDS. PERFORMED PLACARD CONFORMITY CHECK. FOUND ALL REQUIRED PLACARDS IN PLACE. (CONTINUED NEXT PAGE)</p>			

DATE

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(CONTINUED FROM PREVIOUS PAGE DATED JANUARY 16, 2013 N2247M)
 C/W PIPER S/B 1006 CORROSION INSPECTION OF MAIN SPAR BEHIND FUEL TANKS ON THE LEFT WING ONLY. NO CORROSION FOUND. TREATED AREAS WITH AV-8 AND REPLACED VENT HOSES. NEXT INSPECTION FOR THE LEFT WING IS DUE JANUARY 2020. C/W WITH PIPER SB 856 STABILATOR ATTACH BRACKETS BY INSPECTION. NO CORROSION FOUND. NEXT DUE AT ANNUAL INSPECTION. C/W 76-07-12R1 BENDIX SWITCHES, BY OPERATIONAL CHECK. FOUND O.K. NEXT DUE IN 100 HOURS. C/W AD 95-26-13 OIL COOLER HOSES, BY INSPECTION. FOUN O.K. TYPE C HOSES ARE INSTALLED, AND MUST BE INSPECTED EVERY 100 HOURS, AND REPLACED BY 05/2018, OR 4829.15 TOTAL TIME, WHICHEVER COMES FIRST. C/W AD 99-24-10 STANDBY VACUUM SYSTEM, BY INSPECTION OF THE CABLE, VACUUM LINES, SADDLE FITTING, AND THE SHUTTLE VALVE. FOUND OK. NEXT INSPECTION IS DUE IN 12 MONTHS AND THE SHUTTLE VALVE INSPECTION IS DUE JANUARY 2015. C/W FAR 91.207 (d) (1-4) ON ACK E-01 ELT S/N 062916 BY INSPECTION AND OUTPUT TESTS. FOUND O.K. NEXT DUE IN ONE YEAR. ELT BATTERY REPLACEMENT IS DUE MARCH 2014. AD's CHECKED THROUGH 2012-26 ISSUE. AN AD STATUS/COMPLIANCE REPORT WAS COMPILED, DOCUMENTED, AND PROVIDED TO THE OWNER. THE VACUUM PUMP IS DISCONNECTED FOR A FLIGHT CHECK OF THE OPERATION OF THE SVS SYTEM III STANDBY VACUUM SYSTEM PER PRECISE FLIGHT INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, SECTION 3.3.2.2. FUNCTION TEST. THE VACUUM SYSTEM MUST BE RETURNED TO NORMAL BEFORE THIS AIRCRAFT IS RETURNED TO SERVICE. END.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY. LYNN HADLER A&P 1736940 IA



Removal or Required-Exchanged for Optional

Optional

Optional

Optional

Optional

Optional

Optional

DATE

19__

MOTIVE SERVICES CO.

8411 PYOTT ROAD
 LAKE IN THE HILLS, ILLINOIS 60156
 HANGAR P-62 LAKE IN THE HILLS AIRPORT

JANUARY 18, 2013

N2247M

782.1 TACH TIME

4280.75 TOTAL TIME

FLIGHT CHECKED THE STANDBY VACUUM SYSTEM AND REPLACED MISSING PLACARD. RECONNECTED THE VACUUM PUMP AND OPERATIONAL CHECKED O.K. THIS AIRCRAFT IS RETURNED TO NORMAL CONFIGURATION. END.

LYNN HADLER A&P 1736940



Addition of Optional Equipment
 Removal of Optional Equipment
 Addition of Required-Exchanged for Optional
 Removal of Required-Exchanged for Optional

Addition of Optional Equipment
 Removal of Optional Equipment
 Addition of Required-Exchanged for Optional
 Removal of Required-Exchanged for Optional

Addition of Optional Equipment
 Removal of Optional Equipment
 Addition of Required-Exchanged for Optional
 Removal of Required-Exchanged for Optional

Optional

Optional

Optional

Optional

Optional

Optional

DAT

MAKE: Piper
MODEL: Pa-28r-201
S/N: 28R-7837073
REG NO: 2247M
WORK ORDER:
5603-05-2013



Aviation Maintenance, Inc.

1098 S. Milwaukee #301
Wheeling, IL 60090
Phone: 847-541-4752

DATE: 5/13/2013
A/C TSN: 4200 65
TACH: 788.5

Airframe Entries

Replaced auxiliary fuel pump with new p/n 8120-G, s/n 170527. Installed new terminal ends on pump p/n 36154 and grommet p/n MS35489-6. Operational check good.

Maintenance Release

The aircraft and/or component(s) on 2247M was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations, with respect to worked performed, for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 5603-05-2013.

DATE: 5/13/2013

SIGNED:

Work Order: 5603-05-2013

DAllgood, IA: 2838751

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- Removal of Optional Equipment
- Addition of Required-Exchanged for Optional
- Removal of Required-Exchanged for Optional

- Addition of Optional Equipment
- Removal of Optional Equipment
- Addition of Required-Exchanged for Optional
- Removal of Required-Exchanged for Optional

- Addition of Optional Equipment
- Removal of Optional Equipment
- Addition of Required-Exchanged for Optional
- Removal of Required-Exchanged for Optional

Memoranda

MOTIVE SERVICES CO.

8411 PYOTT ROAD
LAKE IN THE HILLS, ILLINOIS 60156
HANGAR P-62 LAKE IN THE HILLS AIRPORT

FEBRUARY 07, 2014

N2247M

807.5 TACH TIME

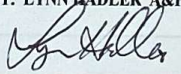
4226.15
~~4306.15~~ TOTAL TIME

PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH PIPER PA28R-201 ANNUAL INSPECTION LIST.
 PERFORMED ROUTINE SERVICING. REPLACED AIR FILTER WITH A NEW P/N BA-10. PERFORMED BATTERY CAPACITY TEST ON THE SHIPS BATTERY. FOUND BATTERY TO BE SERVICEABLE AT 91% CAPACITY.
 RECHARGED AND INSTALLED BATTERY. ALL GEAR SWING CHECKS O.K. REMOVED DEBRIS FROM OIL COOLER.
 OPENED PLUGGED LEFT FUEL TANK VENT. REPAIRED AND SECURED LEFT NAV/STROBE LIGHT RETAINER.
 REPLACED NOSE TIRE AND TUBE WITH NEW GOODYEAR FLIGHT CUSTOM III 500-5 4 PLY TIRE AND MICHELIN INNER TUBE. REPLACED MISSING CO-PILOT'S SHOULDER HARNESS RETAINING BUSHING ON THE SEATBELT.
 REMOVED CABIN ENTRY STEP, BEAD BLASTED AND PAINTED STEP. CLEANED UP CORROSION IN AREA OF STEP ON THE FUSELAGE AND PAINTED. ADJUSTED RUDDER, AILERON, AND ELEVATOR CABLE TENSIONS. REMARKED COMPASS CORRECTION CARD. REPAIRED INOPERATIVE LANDING LIGHT BY CLEANING WIRING CONNECTOR.
 PERFORMED PLACARD CONFORMITY CHECK. FOUND ALL REQUIRED PLACARDS IN PLACE. **(CONTINUED NEXT PAGE)**

Memorandum

(CONTINUED FROM PREVIOUS PAGE DATED FEBRUARY 07, 2014 N2247M)
 C/W WITH PIPER SB 856 STABILATOR ATTACH BRACKETS BY INSPECTION. NO CORROSION FOUND. NEXT DUE AT ANNUAL INSPECTION. C/W 76-07-12R1 BENDIX SWITCHES, BY OPERATIONAL CHECK. FOUND O.K. NEXT DUE IN 100 HOURS. C/W AD 95-26-13 OIL COOLER HOSES, BY INSPECTION. FOUND O.K. TYPE C HOSES ARE INSTALLED, AND MUST BE INSPECTED EVERY 100 HOURS, AND REPLACED BY 05/2018, OR 4829.15 TOTAL TIME, WHICHEVER COMES FIRST. C/W AD 99-24-10 STANDBY VACUUM SYSTEM, BY INSPECTION OF THE CABLE, VACUUM LINES, SADDLE FITTING. FOUND OK. NEXT INSPECTION IS DUE IN 12 MONTHS AND THE SHUTTLE VALVE INSPECTION IS DUE JANUARY 2015. C/W AD2013-02-13 PREVENT FAILURE OF HORIZONTAL STABILATOR CONTROL BY INSPECTION IN ACCORDANCE WITH PIPER SERVICE BULLETIN 1245A. NO DEFECTS FOUND. NEXT DUE AT 6306.15 TOTAL TIME OR FEBRUARY 2021, WHICH EVER COMES FIRST. C/W FAR 91.207 (d) (1-4) ON ACK E-01 ELT S/N 062916 BY INSPECTION AND OUTPUT TESTS. FOUND O.K. NEXT DUE IN ONE YEAR. REPLACED ELT BATTERIES WITH NEW DURACELL BATTERIES DATED DEC 2023. NEXT ELT BATTERIES REPLACEMENT IS DUE FEBRUARY 2016. AD's CHECKED THROUGH 2014-02 ISSUE. AN AD STATUS/COMPLIANCE REPORT WAS COMPILED, DOCUMENTED, AND PROVIDED TO THE OWNER. END.

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY. LYNN HADLER A&P 1736940 IA



**CERTIFICATE
 OF AIRCRAFT
 INSPECTION APPROVAL TAG**

3. Form Tracking Number.
11218

5. Work Order, Contract or Invoice Number.
WO3055

9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
N/A	1.00	8712 N/A	OVERHAULED

-A1, Revision #: 0, Revision Date: 2/2/1982
 -322, Revision #: 0, Revision Date: 2/2/1982

GEAR 12/2010
P/P
CS

Subject to the work, the aircraft component is considered ready for release to service under EASA



The Standard

AIRCRAFT LOG

ASA-SL-1

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

MAKE: Piper
 MODEL: Pa-28r-201
 S/N: 28R-7837073
 REG. NO: 2247M
 WORK ORDER: 6196-08-2014



Airframe Entries

Replaced circuit breaker p/n 454-707 and switch p/n 587-827. Replaced landing light wire in lower cowl and wire #L3A between circuit breaker and switch.

Maintenance Release

The aircraft and/or component(s) on 2247M was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations, with respect to worked performed, for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 6196-08-2014.

DATE: 8/8/2014

SIGNED:

Dalilgood, JA: 2838751

Printed by EBIS 3 (datcommedia.com)

Aviation Maintenance, Inc.

1098 S Milwaukee #301
 Wheeling, IL 60090
 Phone: 847-541-4752

DATE: 8/8/2014
 AIC TSN: 4226.75
 TACH: 814.6

YEAR	REC TACH TIME
20	

Signed for CRS 3M4R325C

Make: WARO
 Model: ARB50
 Serial No: 516098
 TXP SN: 1873

Encoder #1

I certify that the automatic pressure altitude reporting system checks required by 14 CFR Part 91.217 and 14 CFR part 91.411 have been performed and found to comply with 14 CFR Part 43 appendix E, para C

Signed for CRS 3M4R325C

Make: KMC
 Model: KT107A
 Serial No: 1873

Transponder #1

I certify that the ATC Transponder test and inspections required by 14 CFR 91.413 were performed this date and found to comply with 14 CFR Part 43 Appendix E para F

Signed for CRS 3M4R325C

I certify that the static system checks required by 14 CFR Part 91.411 have been performed this date and found to comply with 14 CFR Part 43, Appendix E para A

Date: 2015 # 2247M Work Order No: 7657
 1-15
 (815) 459-0446 WWW.Avonics-Technologies.com
Mobile Avionics Technologies Inc.

Blue Skies Flying Services, Inc.

8411 Pyott Road

Lake In The Hills, Il. 60156

Hangar P-64 Lake In The Hills Airport (3CK)

Date: 1/30/2015

Tail # N2247M

Component: PA28R-201

Tach Time: 835.6

SMOH:

Total Time: 4294.25 S/N 28R-7837073

Perform ANNUAL inspection and service IAW Piper check list and M.M. Replace rehostat for overhead panel light and repair ground wire. Remove trim servo for repair by RLB Accessories, install servo after repair and replace both forward trim cables and adjust cable tensions. Replace one bulb in fuel gauge cluster. Clean up corrosion in battery box and tray below box, repaint with acid proof paint. Lube alternate air door cable and door. Lube all engine control cables. Remove trim tab link, clean up rust, prime and paint. Tighten all loose terminals at main and avionics buss bars. Secure stall horn assembly. Replace vacuum system garter filter. Replace right gas cap locking tab and vent valve with new Piper parts. Remove hub caps and valve extensions from main gear wheels. Free up left main gear door rod and lube. Replace nose wheel bearings and repack all wheel bearings. Replace brake pads on right main gear. Replace throttle gear warning switch with new Piper part. Test ELT IAW FAR 91.207 (d) (1-4) and passed all tests. ELT battery is due by 2/2016. Replace aircraft main battery with new Gill G35, Sn. G02843093. Perform gear swing, anti retraction test and gear warning test, all tests found satisfactory. C/W SB856 per inspection of stab attach brackets, found OK, treat with Dinitrol AV30. C/W AD76-07-12R1 per ops check of mag switch, found OK, next due by 935.6 TACH. C/W AD95-26-13 per inspection of oil cooler hoses, found OK, next due by 935.6 TACH, hose replacement due by 5/2018 or 4829.15 TACH. C/W AD99-24-10 per inspection of Precise Flight stand by vacuum operational checks, found OK, next due by 1/2016. All AD's are C/W through this date and tach time and issue 2015-02. An AD status/compliance list was compiled and is with the aircraft records. I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition. Richard M Carzoli AP 2682852 IA



YEAR 20 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.)
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Blue Skies Flying Services, Inc.

8411 Pyott Road

Lake In The Hills, Il. 60156

Hangar P-64 Lake In The Hills Airport (3CK)

Date: 3/1/2015

Tail # N2247M

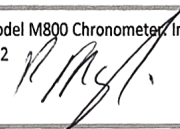
Component: PA28R-201

Tach Time: 840.7

SMOH:

Total Time: S/N 28R-7837073

Replace original clock with a new Davtron Model M800 Chronometer. Install in original location in panel. No weight and balance change. Ops check good. Richard M carzoli AP 2682852



YEAR 20 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.)
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J.A. Air Center

Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630 584 3200

DATE: 31 July, 2015
A/C TSN:
TACH: 866.2

MAKE: Piper
MODEL: PA-28R-201
S/N: 28R-7837073
REG NO: N2247M
WORK ORDER: 4407-07-2015

Airframe Entries

- 1 Complied with Garmin Software Service Bulletin NO: 1474 Rev. A. Garmin GNS430W Main Software update to 5.20, GPS software update to 5.0.
Ops check good at this time.

Maintenance Release

The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA 145 5424 under Work Order No. 4407-07-2015, Dated 31 July, 2015.

DATE: 31 July, 2015

SIGNED:

[Signature]
Luke Gomoll
Certified Repair Station No. NF2R029L

Work Order: 4407-07-2015

Printed by EBis 3 (datcomedia.com)

8411 Pyott Road
Lake In The Hills, Il. 60156
Hangar P-64 Lake In The Hills Airport (3CK)

Date: 2/10/2016	Tail #: N2247M	Component: PA28R-201
Tach Time: 942.2	SMOH:	Total Time: 4400.85 S/N 28R-7837073

Perform ANNUAL inspection, service and repair IAW Piper check list and M.M. Replace mixture control cable with new cable from McFarlane, Sn. 43414 under PMA# PQ3732CE. Replace marker beacon antenna, tested OK by Mobile Avionics Technologies. C/W AD99-24-10 per ops check of Precise Flight Standby Vacuum control, found OK, next inspection is due by 2/2017. Rewrite compass card. Install missing screws for cowling. Reseal and service nose gear strut. Replace cabin heat inlet cowl to shroud duct. Replace receiver bushings upper to lower cowling. Secure nose gear shimmy damper. Replace ELT batteries with new MN1300 Duracells, next replacement is due by 2/2017 per manufacturer. Test ELT IAW FAR 91.207 (d) (1-4) and passed all tests. Replace ELT remote switch battery with new Duracell PX28L. Lube stabilator trim barrell and jack screw. Replace missing camloc fasteners for battery box cover. Clean corrosion from trim barrel lower bracket to aft bulkhead, prime and paint. Secure bolts for stabilator bearings. Service, charge and tested A/C's battery, found OK, tested to 98%. Replace placard for standby vacuum control. Make repair to aft muffler shroud heater box. Clean corrosion from interior support bracket for entry step and prime. Replace both main gear tires and replace left side inner tube, repack all wheel bearings, replace bearings and races for left main wheel. Replace left side brake pads. Reseal hand brake cylinder. Remove left nose gear door hinge for weld repair and install. Clean gascolator screen and leak check fuel system. Replace vacuum system garter filter. Perform gear swing, test emergency gear extension system and anti-retraction system and all gear warning systems, all operations found OK. C/W SB856 per inspection of stab attach brackets, found OK, treat with Dinitrol AV30. C/W AD76-07-12R1 per ops check of mag switch, found OK, next due at 1042.2 tach. C/W AD95-26-13 per inspection of oil cooler hoses, found OK, next due by 1042.2 tach, hose replacement due by 5/2018 or 4829 TT. All AD's are C/W through this date and tach time and issue 2016-02. An AD status/compliance list was compiled and is with the aircraft records. I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition. Richard M Carzoli AP 2682852 IA

[Signature]

Mobile Avionics Technologies Inc.

Airframe Logbook Entry

N2247M Piper PA28R-201 SN 28R-7837073 Date: 02/05/2016 WO#7924

1. Ramp tested GMA 340 IAW Garmin GMA 340 IM 190-00149-01 rev L
2. Operational verification tests normal.
3. Details are on file at Mobile Avionics Technologies Inc. under WO#7924


MJSaban FAA CRS 3M4R325C

Blue Skies Flying Services, Inc.

8411 Pyott Road

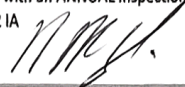
Lake In The Hills, Il. 60156

Hangar P-39 Lake In The Hills Airport (3CK)

Date:	2/1/2017	Tail #	N2247M	Component:	PA28R-201
Tach Time:	1011.9	SMOH:		Total Time:	4470.55 S/N 28R-7837073

Performed Annual Inspection and service IAW Piper check list and Maintenance Manual. Replaced oil cooler inlet scat hose. Make fiberglass repair to right front corner of lower cowling. Clean various corrosion spots on belly, prime and paint. Repacked all wheel bearings, replaced left main outer wheel bearing and felt seal. Secured bolts for stabilator bearings. Replaced left side scat duct for defroster from shroud to firewall. Repaired and installed dome light lens. C/W AD99-24-10 per ops check of Precise Flight Standby Vacuum system shuttle valve and cable, found satisfactory, next compliance is due by 2/2018. Test ELT IAW FAR 91.207 (d) (1-4) and passed all tests. Lube trim barrel and jack screw and check operation of manual and electric trim, found OK. Serviced, charged and tested A/C's battery, found OK. Clean gascolator screen and leak check fuel system, found OK. Perform gear retraction test, emergency extension and anti-retraction tests, all found satisfactory. Checked gear warning system, found satisfactory. Service gear motor resevoir with 5606. Grease all landing gear points. C/W SB856 per inspection of stab attach brackets, found OK. C/W AD76-07-12R1 per ops check of mag switch, found satisfactory, next due by 1111.9 tach. C/W AD95-26-13 per inspection of oil cooler hoses, found OK, oil cooler hose replacement is due by 5/2018 or 4829 TT. AD2016-07-21 does not apply based on SN. of aircraft..All AD's are C/W through this daste and tach time and issue 2017-02. An AD status/compliance list was compiled and is with the aircraft records. I certify that this aircraft has been inspected in accordance with an ANNUAL Inspection and was determined to be in an airworthy condition.

Richard M Carzoli AP 2682852 IA



YEAR 20	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
DATE				

Mobile Avionics Technologies Inc.
(815) 459-0446 WWW.Avionics-Technologies.com

Date: 2-17 N# 2247M Work Order No: 8152

I certify that the static system checks required by 14 CFR Part 91.411 have been performed this date and found to comply with 14 CFR Part 43, Appendix E para A

M. Votell

Signed for CRS 3M4R325C

I certify that the ATC Transponder test and Inspections required by 14 CFR 91.413 were performed this date and found to comply with 14 CFR Part 43 Appendix E para F

Transponder #1	Transponder #2
Make: <u>KING</u>	Make: <u>/</u>
Model: <u>KT76A</u>	Model: <u>/</u>
Serial No: <u>1872</u>	Serial No: <u>/</u>

M. Votell

Signed for CRS 3M4R325C

I certify that the automatic pressure altitude reporting system checks required by 14 CFR Part 91.217 and 14 CFR part 91.411 have been performed and found to comply with 14 CFR Part 43 appendix E, para C

Encoder #1	Encoder #2
Make: <u>NANO</u>	Make: <u>/</u>
Model: <u>AR850</u>	Model: <u>/</u>
Serial No: <u>56698</u>	Serial No: <u>/</u>
TXP SN: <u>1872</u>	TXP SN: <u>/</u>

M. Votell

Signed for CRS 3M4R325C

YEAR 20	DATE
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A/C Model: PA28R-201
A/C S/N: 28R-7837073
ENG Model: IO-360-C1C6
ENG S/N: L-18275-51A
ENG TSMOH: 972.45

GAITROS AVIATION LLC
790 SOUTH AIRPORT ROAD
DECATUR, IL 62521
217.423.9903
WWW.GAITROSAVIATION.COM

10/18/2017
REG #: N2247M
WO #: 17828
TACH: 1031.5
AFTT: 4090.15

Aircraft Annual Inspection:

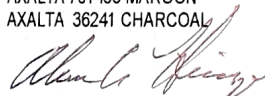
Performed annual inspection in accordance with FAR 43 Appendix D and Piper Inspection Report P/N 230 946.
Installed new instrument air filter P/N AAD9-18-1.
Installed new vacuum filter AR83-5-1
Installed new fuel strainer O-Ring P/N V1000-2X41MM.
Installed new Right Hand Forward Cowling Fastener P/N 65202-800.
Installed new ignition switch P/N 10-357200-1.
Installed new Airframe hose kit from PHT P/N PA28R-201/201T A/F.
Serviced brakes and gear with Mil-H-5606 Hydraulic fluid.
Bled brakes. Installed new bleeder screw P/N 079-03000 on Right hand brake calliper.
Installed new bleeder caps P/N 183-00100 on both brake callipers.
Adjusted all cable tensions in accordance with Piper Service Manual P/N 761-639 Table V-1 dated Jan. 31, 2009
Adjusted cable tensions using Pacific Scientific Company TS Cable Tensionmeter P/N TS-2002-101-00, S/N 69700,
Control Number GAIT00002, Calibration due 08/18/2018. Installed new locking clips P/N MS21256-1.
Adjusted alleron surface travel in accordance with Table V-1.
Removed Entry door seal and installed new customer supplied entry door seal P/N ADS1200-301-23.
Installed door seal in accordance with Aircraft Door Seals, LLC Piper front door seal installation instructions P301-1/23. Leak checked door seal. No leaks detected.
C/W ELT Test IAW FAR 91.207 (d). Operational Check ok. ELT Battery Due 11/2019.
Compiled with AD 2017-14-04 (Oil Cooler Hoses) by installation of new engine hose kit from PHT. Next replacement due 10/18/2026 or 5490.15 AFTT.
AD 2017-04-06 (Altimeter misleading altitude) is N/A by Altimeter S/N.
C/W AD 99-24-10 (Precise Flight Standby Vacuum) by para. 2 (b)(1). Next due 10/18/2018.
I certify that this aircraft has been inspected in accordance with an annual inspection as per FAR 43 Appendix D and was determined to be in an airworthy condition. AD Compliance List given to aircraft owner.

William S. Gaitros A&P 3051725 IA

3N OR

YEAR 20____ 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.)
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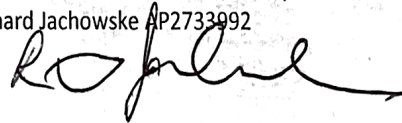
WOODLAKE AIRCRAFT REFINISHING INC.
 850 PIPER WAY SANDWICH IL 60548.
 (815)-786-2538
 AIRCRAFT: PIPER ARROW PA28R-201
 DATED: MARCH 2ND, 2018
 AIRCRAFT WAS STRIPPED TREATED WITH ALODINE, EPOXY
 PRIMED AND PAINTED. CONTROL SURFACES WERE REMOVED
 BALANCED AND REINSTALLED TO PIPER SPECIFICATION.
 AXALTA AF3522 MATTERHORN WHITE
 AXALTA 701499 MAROON
 AXALTA 36241 CHARCOAL



ALAN C. HEINZE A&P. 1910420

YEAR 20____ 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.)
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12 July 2018 Tach.Time-1036.6 Hobbs. Time-1936.2
 Replaced Ships Battery. Removed Gill G-35 and installed Gill G-35
 Serial number G02966265. Serviced tires 30 p.s.i. on nose and 27 p.s.i.
 on mains. Richard Jachowske AP2733992



ALTIMETER CALIBRATION

Altitude M/N: EFD1000
 Altitude Position (please circle):
 Pilot: Shawby
 Co-Pilot: Shawby
 Altitude Setting: 30.26 "Hg
 Date: 11/06/2018

Scale Error		Friction	
Altitude Feet	Equiv. Pressure Inches of Mercury	Tolerance +/- Feet	Reading Test Altitude
-1,000	31.018	20	-980
0	29.921	20	0
500	29.385	20	510
1,000	28.856	20	1,000
1,500	28.335	25	1,505
2,000	27.821	30	2,010
3,000	26.817	30	3,010
4,000	25.842	35	4,000
6,000	23.978	40	5,995
8,000	22.225	60	7,990
10,000	20.577	80	9,985
12,000	19.029	90	11,990
14,000	17.577	100	13,970
16,000	16.216	110	15,950
18,000	14.942	120	17,940
20,000	13.75	130	19,945
22,000	12.636	140	N/A
25,000	11.104	155	N/A
30,000	8.885	180	N/A
35,000	7.041	205	N/A
40,000	5.538	230	N/A
45,000	4.355	255	N/A
50,000	3.425	280	N/A

Pressure Mercury: 30.99
 Altitude Feet: 974
 Barometric Scale Error: 974

Pressure Mercury: 28.1
 Altitude Feet: -1,727
 Barometric Scale Error: -1,720

Pressure Mercury: 28.5
 Altitude Feet: -1,340
 Barometric Scale Error: -1,340

Pressure Mercury: 29
 Altitude Feet: -863
 Barometric Scale Error: -860

Pressure Mercury: 29.5
 Altitude Feet: -392
 Barometric Scale Error: -380

Pressure Mercury: 29.92
 Altitude Feet: N/A
 Barometric Scale Error: N/A

Pressure Mercury: 30.5
 Altitude Feet: 531
 Barometric Scale Error: 540

Pressure Mercury: 30.9
 Altitude Feet: 893
 Barometric Scale Error: 900

Pressure Mercury: 30.99
 Altitude Feet: 974
 Barometric Scale Error: 980

A4591
 Inspector: Shawby Sayle

THIS ALTIMETER HAS BEEN TESTED IN ACCORDANCE WITH FAR 91.411 AND PART 43, APPENDIX "E"

SRT AVIATION, INC 95TR450B

Number of Technician or

Date 11/06/2018

serial number 3EG022334.
 ent installed. ICA's,
 ght and balance was revised

ve been performed and

YEAR
 20
 DATE



Airframe Piper
 Model - PA28R-201
 Tach - 1043.8
 Scheduled Maintenance

N2247M

December 13, 2018
 SN - 28R-7837073
 ACTT - 4502.45

Aircraft inspected in accordance with Piper PA28R-201 Maintenance Manual and requirements of 14CFR Part 43 APP D. Aircraft, engine and propeller cleaned. Wheel bearings re-packed & inspected. Inspected ELT IAW FAR91.207(d). ELT battery expiration date is 11/2019. Retraction tested landing gear system and emergency extended. Wheel bearings inspected, and NLG balance checked. Cable tensions checked. Battery box was cleaned. Lubricated aircraft, engine & flight controls. Fuel system strainer filter inspected & cleaned. Leak checked following all work. Tires and brake reservoir serviced as required. Operationally tested aircraft systems and engine following all work.

Unscheduled Maintenance

- Re-clocked EGT indicator knob to indicate correct cylinder EGT indication.
- Removed MED upper door latch. Lubricated, inspected and re-installed. Operationally tested without further defects.

Con't

YEAR 20__	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.)
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Con't

Page 2 of 3

- Cleaned motor mount frame as accessible and scuffed. Applied paint top coat to areas worn to primer.
- Removed and replaced unapproved alternator mount tension bolt with new MS20074-05-06 bolt. Tensioned and safetied alternator belt as required.
- Applied tow limits to NLG trunnion.
- Standby vacuum system missing required indicator light and placard on control. Installed placard part number 40040 on system control knob and warning indication system part number 4063 IPWI-V. Indicator light for "Vacuum Pump INOP" installed on panel as required. Shuttle valve and system inspected per AD 99-24-10 for 12 and 24-month requirements. Rigged system to reach full limits and fully shut off when selected.
- Aircraft was weighed to reflect recent painting and work. New weight and balance entered into records and provided to owner.
- Fabricated and installed fuel quantity placards to fuel filler locations as required by limitation section of POH.
- Stop drilled two small cracks in forward RH wing walk support panel at outboard section. No defects noted to RH wing walk outer skin. Consulted with Piper Aircraft Engineering prior to work. Will require monitoring for any progression of cracks at each required inspection interval.

YEAR 20__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Con't


Page 3 of 3

- Removed and replaced portable fire extinguisher with new like part number RT-A400 due to being under weight. Replaced CO detector on panel with new ASA-CO-D.
- Cleaned corrosion form area of battery and battery box. Treated internal wings, aft fuselage, firewall and under floor panels with ACF-50 for light surface corrosion.
- Oil Cooler Winterization plate removed from its stowed position and installed for winter operation.
- Removed and replaced landing light lamp with new part number GE4509. Operationally tested.
- Previously installed Camera hole installed in the baggage referenced a FAA Form 337 that could not be verified at the FAA Registry or in the records and did not reference an STC. Inspected and completed FAA Form for previously installed alteration. Field Approval was granted, and Form 377 entered into the permanent records.

Airworthiness Directives Complied With

Reference Aircraft Profile dated 12/08/2018 for AD compliances.

I certify that this AIRCRAFT has been inspected in accordance with an Annual/100 Hour Inspection and was determined to be in an airworthy condition.


Shawn C. Sayle
AP490825188IA

YEAR 20__	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
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Mount Vernon, Illinois - MVN

N2247M

December 13, 2019

SN - 28R-7837073

ACTT - 4512.95

Airframe Piper
Model - PA28R-201
Tach - 1054.3

Scheduled Maintenance

Aircraft inspected in accordance with Piper PA28R-201 Maintenance Manual and requirements of 14CFR Part 43 APP D. Aircraft, engine and propeller cleaned. Wheel bearings re-packed & inspected. Inspected ELT IAW FAR91.207(d). ELT battery expiration date is 12/2025. Retraction tested landing gear system and emergency extended. Wheel bearings inspected, and NLG balance checked. Cable tensions checked. Battery box was cleaned. Lubricated aircraft, engine & flight controls. Fuel system strainer filter inspected & cleaned. Leak checked following all work. Tires and brake reservoir serviced as required. Operationally tested aircraft systems and engine following all work.

Unscheduled Maintenance

- Troubleshoot issue with intermittent LMLG down indication. Removed and replaced LH landing gear limit switch with new part number 105-CA67411-005 FAA-PMA switch. Operationally tested and retraction tested landing gear system through several cycles. Could not duplicate issue or other defects. No further actions taken.
- Removed and replaced engine control quadrant placard with new part number M639004 quadrant overlay.
- Repaired broken wire at battery box for clock and replaced fusel holder. Installed new AA batteries in clock.
- Re-clocked EGT indicator selector to align with correct cylinders #1-#4.
- Removed and replaced RMLG brake linings with new part number 066-10500 linings (2) and rivets 105-00200.

Con't

Page 1 of 2

YEAR 20__	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.)
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Con't

Page 2 of 2

- De-fueled LH & RH wing fuel tank and removed from aircraft. Removed and replaced fuel sender gaskets (4 total) with new part number 755-049 gaskets. Reinstalled tanks, operationally tested fuel quantity indication system and serviced to full. Leak checked without defects. LH wing fuel line found to be leaking was tightened and rechecked without any defects.
- Removed bolts and checked bolts and bushings at horizontal stabilator attach. Reinstalled, lubricated and torqued as required. Checked shimming was correct per Piper service manual. No further defects noted.

Airworthiness Directives Complied With

Reference Aircraft Profile dated 11/22/2019 for AD compliances.

I certify that this AIRCRAFT has been inspected in accordance with an Annual/100 Hour Inspection and was determined to be in an airworthy condition.

Shawn C. Saide
Shawn C. Saide
AP4908251881A

TACH
TIME

FLIGHT

TIME IN
SERVICE

Description of inspection, 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.)



N2247M Piper PA-28R-201 Serial Number - 28R-7837073 Tach - 1071.6 Date 11/18/2020

I certify that the static system tests, including data correspondence, required by 14 CFR § 91.411 and transponder tests required by § 91.413, have been performed and found to comply with

14 CFR part 43, appendix E and F. The work accomplished is filed, in house, on Work Order# A4755.

Altimeter Model	<u>Aspen EFD1000</u>	Serial No.	<u>120483</u>
Altimeter Model	<u>United 5934P</u>	Serial No.	<u>M3756</u>
Encoder Model	<u>Garmin GAE12</u>	Serial No.	<u>3T6007073</u>
Transponder Model	<u>Garmin GTX345</u>	Serial No.	<u>3EG022334</u>
The transponder was tested on	<u>11/18/2020</u>		
Altimeter was tested to <u>20,000</u> feet on (date)	<u>11/18/2020</u>		
Encoder data correspondence was tested to <u>20,000</u> feet on (date)	<u>11/18/2020</u>		
Static system leak tested on (date)	<u>11/18/2020</u>		

The installed ADS-B out system was ground tested and found to meet the equipment performance requirements of 14CFR Section 91.227.

Authorized Signature: *[Signature]*
FAA CRS# 9STR450B

20
DATE

TIME

SERVICE

Repair Facility. (See back pages for other specific entries.)



December 1, 2020
SN - 28R-7837073
ACTT - 4530.25

Airframe Piper
Model - PA28R-201
Tach - 1071.6

Scheduled Maintenance

Aircraft inspected in accordance with Piper PA28R-201 Maintenance Manual checklist and requirements of 14CFR Part 43 AP D. Aircraft, engine and propeller cleaned. Wheel bearings re-packed & inspected. Inspected ELT IAW FAR91.207(d). ELT battery expiration date is 12/2025. Retraction tested landing gear system and emergency extended. Wheel bearings inspected and NLG balance checked. Cable tensions checked. Battery box was cleaned. Lubricated aircraft, engine & flight controls. Fuel system strainer filter inspected & cleaned. Leak checked following all work. Tires and brake reservoir serviced as required. Air filter replaced with new BA-10 element. Removed and replaced Co detector with new part number ASA-CO-D. Operationally tested aircraft systems and engine following all work.

Unscheduled Maintenance

- Removed and replaced engine control quadrant trim plate with new FAA-PMA part number H69669-45.
- Installed winterization plate to the winter position over the oil cooler.
- CW AD2013-02-13 for 7 - year recurring inspection requirements. Removed and replaced aft, lower cable assembly with new FAA-PMA part number MC62701-012. Tensioned control system cables and checked rigging and operation.

Con't

YEAR 20____ 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.)
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Airframe Piper
Model - PA28R-201
Tach - 1055.7

January 16, 2020
SN - 28R-7837073
ACTT - 4514.35

Unscheduled Maintenance

- Removed and replaced landing light lamp, wing tip position/strobe light assemblies, tail position light assembly and upper beacon assembly. Removed strobe power supply assembly. Installed LED landing light Whelan PAR-36 LED landing light, LED tail position light assembly, OR6501 (G) and (R) LED wingtip position and strobe lights, and ORION 360 beacon assembly. Refer to FAA Form 337 dated this date for additional details. Existing wiring used to power new LED assemblies. An Electrical Load analysis was done, and it was determined to be within the required 80% of the load of the charging system. Existing wiring a circuit protective device are enough to power LED lights installed. Operationally tested without defects. Weight and Balance revised this date to reflect the changes.
- Removed defective cabin blower assembly part number 99642-03 and installed serviceable replacement blower like part number. Operationally tested without further defects.
- Installed customer supplied Warren Gregoire & Associates 2-piece yoke grip to pilot side yoke. Touched up paint on yoke surrounding new grip to match. No further actions taken.


Shawn C. Sayle
AP490825188

YEAR 20____ 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.)
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Airframe Piper
Model - PA28R-201
Tach - 1071.6

December 1, 2020
SN - 28R-7837073
ACTT - 4530.25

Scheduled Maintenance

Aircraft inspected in accordance with Piper PA28R-201 Maintenance Manual checklist and requirements of 14CFR Part 43 APP D. Aircraft, engine and propeller cleaned. Wheel bearings re-packed & inspected. Inspected ELT IAW FAR91.207(d). ELT battery expiration date is 12/2025. Retraction tested landing gear system and emergency extended. Wheel bearings inspected, and NLG balance checked. Cable tensions checked. Battery box was cleaned. Lubricated aircraft, engine & flight controls. Fuel system strainer filter inspected & cleaned. Leak checked following all work. Tires and brake reservoir serviced as required. Air filter replaced with new BA-10 element. Removed and replaced Co detector with new part number ASA-CO-D. Operationally tested aircraft systems and engine following all work.

Unscheduled Maintenance

- Removed and replaced engine control quadrant trim plate with new FAA-PMA part number H69669-45.
- Installed winterization plate to the winter position over the oil cooler.
- CW AD2013-02-13 for 7 - year recurring inspection requirements. Removed and replaced aft, lower cable assembly with new FAA-PMA part number MC62701-012. Tensioned control system cables and checked rigging and operation.

Con't

YEAR 20____ 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.)
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YEAR 20____ 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.)
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Con't Page 2 of 2

- Brake system serviced and bled free of all air. Operationally tested satisfactory.

Airworthiness Directives Complied With
Reference Aircraft Profile dated 12/01/2020 for AD compliances.

I certify that this AIRCRAFT has been inspected in accordance with an **Annual/100 Hour Inspection** and was determined to be in an airworthy condition.


Shawn C. Sayle
AP490825188IA

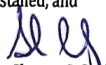

SRT AVIATION, INC
Mount Vernon, Illinois - MVN
N2247M

Airframe Piper
Model - PA28R-201
Tach - 1082.4

Scheduled Maintenance

Removed **Battery** and replaced following failed capacity test to 34%. Removed Gill G35, serial number G02966265 and installed Gill FAA-PMA LT series 7035-28, serial number G03114020 battery. Provided initial service, installed, and operationally tested. No defects noted.

April 21, 2021
SN - 28R-7837073
ACTT - 4541.05


Shawn C. Sayle
AP490825188

01/2022 Piper PA28R-201 N2247M s/n: 28R-7837073 Tach: 1139.2 Hobbs: 2048.6 AFTT: 4597.85

incoming IO-360-C1C6 s/n: L-18275-51A TSO: 1080.15

McCauley B2D34C213 s/n: 778946 TSO: 962.7 TTIS: 4597.85

Performed 100 hour/ annual inspection and servicing per Piper PA-28R-201/201T service manual and the scope and detail of FAR 43 appendix D. Performed ELT inspection and testing per FAR 91.207(d), battery due 12/2025. Serviced brake and hydraulic reservoirs w/ MIL-PRF-5606J. Complied w/ ASPEN PFD ICA, battery test failed-New battery installed(P/N:409-00003-001, S/N:214000115). Inspected previously found wingwalk area doubler cracks for progression. Complied w/ Piper SB 856. Replaced right hand heater SCAT ducting. Left fuel sending unit was found weeping fuel, brought mounting hardware up to proper torque. Replaced all bushings and hardware in main gear torque links using Mcfarlane kit P/N,s: 035-PTL-KT-61 and 035-PTL-KT-44. Aligned main wheels per Section 7-27 of the PA28R-201 service manual.

Replaced the following parts on nose gear:

7168-00 spring (qty:1)

7169-00 spring (qty:1)

3900-122 outer steering bushing (qty:2)

3900-109 outer steering bushing (qty:2)

5003-45 bearing (qty:2)

2833-87 Teflon washer (qty:2)

7219-03 shouldered bushing (qty:2) (continued next page)

87319-02 shouldered bushing (qty:2)

67026-07 shouldered bushing (qty:2)

400 218 (AN6-25) bolt (qty:2)

402 940 (NAS 464P-27) bolt (qty:1)

400-873 (AN23-21A) Clevis bolt (qty:1)

400 191 (AN5-51) bolt (qty:1)

Washers and nuts as required

Replaced the following parts on left and right main landing gear:

452 368 rod end bearing (qty:1 ea left/right)

452-575 rear trunnion bearing (qty:1 ea left/right)

67026-012 shouldered bushing (qty:1 ea left/right)

400 761 (AN26-25 Clevis bolt) (qty:1 ea left/right)

400 451 (AN3-20A bolt) (qty:1 ea left/right)

Installed new FAA/PMA carpet kit from Airtex Products INC.

Installed new windlace @ entry door.

AD's checked for compliance to date. I certify that this aircraft has been inspected according to FAR 43.15(a)(1)(c)(1)(2) for an annual inspection and was determined to be in airworthy condition.

Joseph G. Silts IA405867971

ian or

Date 12/17/2021 **Make Model** Piper PA-28R-201 **Tail #** N2247M **Serial #** 28R-7837073 **Airworthiness** **Complia**

Airframe Hours: AFTT: 4597.85

Misc: **Engine:** Lycoming IO-360-C1C6 **S/N:** L-18275-51A **Hours:** SMOH: 1080.15

Propeller: McCauley B2D34C Series **S/N:** 002421 **Hours:** PTT: 4597.85 **SMOH:** 962.7

AD# **Category** **Subject** **Amend #** **Eff Date** **Rec** **Remarks**

Date/Hours Compliance **Next Due** **Name** **Signature** **Cert#**

Airframe: Piper PA-28R-201

13-02-13	Airframe	Stabilator Control System	39-17334	03/11/13	Yes	PCW-see AD listing
		11/30/2027 or 6530.25	Joseph Silis	405867971		
17-14-04	Airframe	Oil Cooler Hose Assemblies	39-18948	08/15/17	Yes*	PCW Type D hoses installed. No further action necessary.
			Joseph Silis	405867971		
20-26-16	Airframe	Wing Separation by Main Spar Cap Fatigue Cracking	39-21371	02/16/21		Not applicable until 5000 hours AFTT
			Joseph Silis	405867971		
N/A		5000 hours AFTT				

Engine: Lycoming IO-360-C1C6

15-19-07 **Engine** Fuel Injector Fuel Lines and Clamps 39-18269 11/03/15 Yes Visual Insp.

02/01/2022 @ Tech: 1139.2 Tach: 1249.2 Joseph Silis 405867971

Appliance: Avionics - Altimeters

20-16-08 **Appliance** Evolution Flight Display EFD1000 - Operating 39-21192 08/17/20 N/A per P/N, Limitations Revision

02/01/2022 Joseph Silis 405867971

Appliance: Avionics - Navigational

19-01-02 **Appliance** EFD-1000 and EFD500 Display Units - 39-19541 02/07/19 N/A per (c)(1)(iii) Uncommanded Resetting

02/01/2022 Joseph Silis 405867971

Appliance: Power Plant - Ignition - Switches

76-07-12 **Appliance** 10-357XXX, 10-126XXX, 10-157XXX - Switch 39-3024 08/30/77 Yes para. 1(a)(b) Repair or Replacement

02/01/2022 @ Tech: 1139.2 Tach: 1239.2 Joseph Silis 405867971

Appliance: Power Plant - Vacuum Pumps

99-24-10 **Appliance** Standby Vacuum System Model SVS III - 39-11434 01/14/00 Yes (b)(1)(2)(c)(2) Inspections

02/01/2022 @ Tech: 1139.2 Joseph Silis 405867971 (b)(1) due: 02/01/2023, (b)(2) due: 02/01/2024

N2247M
Airworthiness
Directives
&
337 Forms



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
2/28/2011

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N2247M	Serial No. 28R-7837073	
	Make Piper	Model PA-28R-201	Series Arrow
2. Owner	Name (As shown on registration certificate) Fortessa Management LLC.		Address (As shown on registration certificate) Address 3305 Robincrest Dr.
			City Northbrook State IL Zip 60062-5126 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Christopher J. Swanick		<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer
Address 2120 Castle Ct.		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City Waukegan State IL		<input type="checkbox"/> Certificated Repair Station	
Zip 60087 Country USA		<input type="checkbox"/> Certificated Maintenance Organization	A&P2725102

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse of this form have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual 01/17/2012
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	
Certificate or Designation No. AP27589461A		Signature/Date of Authorized Individual 1/17/2012		

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Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA01026SE

This certificate, issued to **Steve's Aircraft**
15373 Jones Road
White City, OR 97503

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part * of the * Regulations.

Original Product—Type Certificate Number:

*See attached FAA Approved Model List (AML) No.

Make:

SA01026SE for list of approved airplane models

Model:

and applicable airworthiness regulations.

Description of the Type Design Change: Improved fuel gascolator assembly. Manufactured in accordance with Steve's Aircraft Master Drawing Lists 1/4 NPT 3/8 Line Design, dated November 11, 2002, or 3/8 NPT 1/2 Line Design, dated November 20, 2002, all initial release, or later FAA approved revisions. Installed in accordance with the Installation Instructions specified in Approved Model List (AML) No. SA01026SE, or later FAA approved revisions. Maintained in accordance with the Instructions for Continued Airworthiness (ICA) specified in Approved Model List (AML) No. SA01026SE or later FAA approved revisions.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, AML, and ICA must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: November 7, 2001

Date reissued:

Date of issuance: December 10, 2001

Date amended: December 6, 2002



By direction of the Administrator

Adrian Jones
(Signature)

Acting Manager, Seattle Aircraft
Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
2/28/2011

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N2247M	Serial No. 28R-783703
	Make Piper	Model PA-28R-201
2. Owner	Name (As shown on registration certificate) Fortressa Management LLC.	Address (As shown on registration certificate) 3305 Robincrest DR. City Northbrook State Illinois Zip 60062-5126 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Christopher J. Swanick	Address 2120 Castle ct..	<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer
City Waukegan	State IL	<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
Zip 60087	Country USA	<input type="checkbox"/> Certificated Repair Station	<input type="checkbox"/> Certificated Maintenance Organization
		A&P2725102	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <i>Christopher J. Swanick</i> 05/14/2010
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
Certificate or Designation No. A&P 2758946 IA		Signature/Date of Authorized Individual <i>M.C. [Signature]</i> 05/14/2010		

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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N2247M

05/14/2010

Nationality and Registration Mark

Date

Installed new ACK Technologies emergency locator transmitter kit p/n:E101, s/n:062916 which was manufactured per FAA TSO C-91a. This installation was accomplished using the manufacturers supplied TSO approved installation manual p/n:E-01-M REV 09/04/2007. The mounting tray p/n:E0104 and E.L.T unit p/n:E-01 ELT are mounted in the tail at station 228.30. The E.L.T unit is easily accessible through the original marked inspection panel on the RH-side of the empennage. The antenna p/n:E0115 is mounted at station 191.00 and sealed with silicone rtv. The P.I wire was ran from and between stations 228.30 and 62.88 and was secured to existing wires in airframe. The P.I unit was mounted in the center pedestal at station 62.88 and is marked and in clear view of the pilot and copilot. AC 43.13 chapter 2 & 3 and AC 43.13-1B change 1 chapter 12, sub chapters 12-21 & 22 were referenced during this installation. Periodic maintenance and inspection shall be accomplished in accordance with ACK Technologies model E-01 E.L.T installation manual, section 1,4 and in accordance with FAR 91-207 (D). Instructions for continued airworthiness have been submitted with this document. The battery expiration was clearly marked on the side of the transmitter case. Revised aircraft weight and balance to reflect installation.

END



U S Department of
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Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Nationality and Registration Mark N 2247M	Serial No. 28R-7837073
	Make Piper	Model PA-28R-201
2. Owner	Name (As shown on registration certificate) Fortressa Management LLC	Address (As shown on registration certificate) Address 3305 Robincrest Drive City Northbrook State IL Zip 60062 Country USA
	3. For FAA Use Only	

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement			
A. Agency's Name and Address		B. Kind of Agency	
Name J.A. Air Center		<input type="checkbox"/> U.S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 43W730 US RT. 30		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City Sugar Grove, State IL		<input checked="" type="checkbox"/> Certificated Repair Station	NF2R029L
Zip 60554 Country USA		<input type="checkbox"/> Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B

Signature/Date of Authorized Individual
May 28, 2010

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	X Repair Station	Inspection Authorization	Other (Specify)
Certificate or Designation No. NF2R029L		Signature/Date of Authorized Individual 6/11/2010		

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MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Nationality and Registration Mark N 2247M	Serial No. 28R-7837073	
	Make Piper	Model PA-28R-201	Series
2. Owner	Name (As shown on registration certificate) Fortressa Management LLC	Address (As shown on registration certificate) Address 3305 Robincrest Drive City Northbrook State IL zip 60062 Country USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name J.A. Air Center		<input type="checkbox"/> U.S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address 43W730 US RT. 30		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City Sugar Grove, State IL		<input checked="" type="checkbox"/> Certificated Repair Station	NF2R029L
Zip 60554 Country USA		<input type="checkbox"/> Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual May 28, 2010
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	X Repair Station	Inspection Authorization	Other (Specify)
Certificate or Designation No. NF2R029L		Signature/Date of Authorized Individual		

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U.S. Department of
Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Nationality and Registration Mark N 2247M	Serial No. 28R-7837073	
	Make Piper	Model PA-28R-201	Series
2. Owner	Name (As shown on registration certificate) Fortressa Management LLC		Address (As shown on registration certificate) 3305 Robincrest Drive
			City <u>Northbrook</u> State <u>IL</u>
			Zip <u>60062</u> Country <u>USA</u>

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial Number
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name <u>J.A. Air Center</u>		<input type="checkbox"/> U.S. Certificated Mechanic	<input type="checkbox"/> Manufacturer
Address <u>43W730 US RT. 30</u>		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City <u>Sugar Grove</u> State <u>IL</u>		<input checked="" type="checkbox"/> Certificated Repair Station	NF2R029L
Zip <u>60554</u> Country <u>USA</u>		<input type="checkbox"/> Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <u>May 28, 2010</u>
--	--

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit Standards Inspector		Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)
Certificate or Designation No. NF2R029L			Signature/Date of Authorized Individual <u>5/28/2010</u>		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N 2247M

May 28, 2010

Nationality and Registration Mark

Date

Removed Bendix King KMA20 Audio Panel

Installed Garmin GMA-340 Audio/Marker/Intercom in accordance with Installation Manual P/N 190-00149-01 Revision L dated July 2003 and with reference to STC #SA00710WI. This Garmin GMA-340 meets the criteria of TSO-C50a and TSO-C35d.

This Garmin GMA-340 uses a 5 amp circuit breaker located in the avionics bus area and is labeled "Audio Panel".

This equipment has been ground checked and functions properly. There were no adverse effects with any of the other aircraft systems.

All work was done in accordance with and AC43.13-1B Chapters 10, 11, 12 and AC43.13-2B Chapters 2 & 3.

Weight & Balance and Equipment List have been updated.

No additional maintenance due beyond the requirements of 14 CFR, Part 91, Subpart E ("Maintenance, Preventive Maintenance and Alterations"). See attached checklist for Continued Airworthiness.

----- end -----



**MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)**

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make PIPER	Model PA-28R-201
	Serial No. 28R-7837073	Nationality and Registration Mark N2247M
2. Owner	Name (As shown on registration certificate) BRUCE DALTON	Address (As shown on registration certificate) 4909 BROCK DRIVE HURDLE MILLS, NC 27541

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				XX
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address GILLEY AVIATION REPAIR INC. HYDE FIELD, HGR #3 POB 660 CLINTON, MD 20735	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. 2356198
---	--	--------------------------------------

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 21 march 1995	Signature of Authorized Individual MILTON E. GILLEY <i>Milton E. Gilley</i>
------------------------------	--

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection 21MARCH 1995	Certificate or Designation No. 2356198	Signature of Authorized Individual MILTON E. GILLEY <i>Milton E. Gilley</i>
--	--	--

21 MARCH 1995 : N2247M

1. INSTALLED MET-CO-AIRE forward fin fairing p/n 1816-01 according to installation drawing SD2802.FAA-PMA approved per STC SA5512NM
- 2 Installed MET-CO-AIRE AFT FIN FAIRING p/n 1815-01 according to installation drawing SD2802 FAA-PMA approved per STC SA 5512NM
3. NO WEIGHT CHG FOR EITHER CHANGES
4. ALL WORK CONFORMS TO ACCEPTABLE METHODS, TECHNIQUES AND PRACTISES CONTAINED IN AC 43.13-1A and 43.13 -2A

-----END-----

Additional Sheets Are Attached

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA5512NM

This certificate, issued to Met-Co-Aire
P.O. Box 2216
Fullerton, CA 92633

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product — Type Certificate Number: 2A13
Make: Piper
Model: PA-28-140, -150, -161, -180, -181, -235, -236, -201T;
PA-28R-200, -201, -201T;
PA-28RT-201, -201T

Description of Type Design Change:
This STC changes the material for forward and aft dorsal fin fairing from plastic to fiberglass for PA-28 series aircraft via Met-Co-Aire Master Drawing List #1000 Rev. New, dated December 06, 1991. There is a related STC (SA5513NM issued to Met-CO-Aire) that uses the same Master Drawing List to modify the PA-32 series. Two STCs issued for the same modification are necessary because of the overwhelming number of models with this configuration.

6

MEL
AMENDMENT
DATE

9/9/86

9/9/86

9/9/86

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make PIPER		Model PA-28R-201		
	Serial No. 28r7837073		Nationality and Registration Mark N2247M		
2. Owner	Name (As shown on registration certificate) BRUCE DALTON		Address (As shown on registration certificate) 4909 BROCK DR. HURDLE MILLS, NC 27541		
3. For FAA Use Only					
4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				XX
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				
6. Conformity Statement					
A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
GILLEY AVIATION REPAIR INC HYDE FIELD HGR 3 P.O. BOX 660 CLINTON MD, 20735		<input checked="" type="checkbox"/> U.S. Certificated Mechanic		2356198	
		Foreign Certificated Mechanic			
		Certificated Repair Station			
		Manufacturer			
D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.					
Date 20 MAY 1994		Signature of Authorized Individual MILTON E. GILLEY <i>Milton E. Gilley</i>			
7. Approval for Return To Service					
Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 20 MAY 1994		Certificate or Designation No. 2356198	Signature of Authorized Individual MILTON E. GILLEY <i>Milton E. Gilley</i>		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

20 may 1994, N2247M

1. Installed GEAR LOBE FAIRINGS i/a/w KNOTS 2U INC. GEAR LOBE FAIRING INSTALLATION MANUAL FOR PIPER PA-28, NO REVISION. DATED FEB.14,1992,or later approved revision I/A/W STC # SA1713GL
2. INSTALLED WING ROOT FAIRING I/A/W KNOTS 2U,INC. WING ROOT FAIRING INSTALLATION MANUAL. issued 7/4/87.or later FAA approved revision, I/A/W STC #SA1216GL
3. weight and balance updated
4. All work conforms to acceptable Methods, Techniques and practises contained in AC 43.13-1A and 43.13-2A

-----END-----

Additional Sheets Are Attached

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA1216GL

This certificate, issued to Knots 2U, Inc.
1941 Highland Avenue
Wilmette, IL 60091

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations. (See Type Certificate Data Sheet 2A13 for complete certification basis).

Original Product — Type Certificate Number: 2A13

Make: Piper Aircraft Corporation

Model: PA-28-140, PA-28-150, PA-28-160, PA-28-180,
PA-28-235, PA-28R-180, PA-28R-200, PA-28-151,
Description of Type Design Change: PA-28-161, PA-28-181, PA-28-201T, PA-28-236,
PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-20

Install Wing Root Fairings in accordance with Knots 2U, Inc. Wing Root Fairing Installation Manual, issued 7/4/87, or later FAA approved revision.

Limitations and Conditions:

The installer must determine the compatibility of this modification with previously approved modifications.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: July 20, 1987

Date issued:

Date of issuance: August 5, 1987

Date amended:



By direction of the Administrator

W. F. Horn (Signature)

Manager, Chicago Aircraft Certification Of
ACE-115C, Central Region, FAA
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA1713GL

This certificate, issued to Knots 2U, Inc.
P.O. Box 589
Harbor Springs, MI 49740

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations. (See Type Certificate Data Sheet No. 2A13 for complete certification basis)

Original Product — Type Certificate Number: 2A13

Make: Piper Aircraft Corporation

Model: PA-28R-180, PA-28R-200, PA-28R-201,
PA-28R-201T, PA-28RT-201, PA-28RT-201T

Description of Type Design Change:

Installation of Gear Lobe Fairings in accordance with the Knots 2U, Inc. Gear Lobe Fairing Installation Manual for the Piper PA-28, No Revision, dated February 14, 1992, or later FAA approved revision.

Limitations and Conditions:

This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: February 26, 1992

Date issued:

Date of issuance: March 23, 1992

Date amended:



By direction of the Administrator

Donald P. Michal

(Signature)

Donald P. Michal, Manager
Chicago Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.



MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020

For FAA Use Only
Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make PIPER	Model PA-28R-201
	Serial No. 28R7837073	Nationality and Registration Mark N2247M
2. Owner	Name (As shown on registration certificate) BRUCE DALTON	Address (As shown on registration certificate) 4909 BROCK DR. HURDLE MILLS, NC 27541

3. For FAA Use Only

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
GILLEY AVIATION REPAIR INC hyde field, hgr 8 POB 660 CLINTON MD 20735	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	2356198
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 6 OCT 1993	Signature of Authorized Individual MILTON E. GILLEY <i>Milton E. Gilley</i>
---------------------------	--

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		

Date of Approval or Rejection 6 OCT 1993	Certificate or Designation No. 2356198	Signature of Authorized Individual MILTON E. GILLEY <i>Milton E. Gilley</i>
--	--	--

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

6 OCT 1993 , N2247M

1. **INSTALLED WHELEN HRDFA-14/28 volt tail strobe light in re-
placement of rotating beacon #7A/W STC SA615EA.**
2. **INSTALLED PLACARDS AS TO THE STC.**
3. **WEIGHT AND BALANCE IS NONE.**
4. **ALL WORK CONFORMS TO, ACCEPTABLE METHODS, TECHNIQUES AND PRACTISES
CONTAINED IN AC43.13-1A AND #3.13-2A.**

Additional Sheets Are Attached



US Department
of Transportation
**Federal Aviation
Administration**

**MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)**

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make PIPER	Model PA-28R-201
	Serial No. 28R7837073	Nationality and Registration Mark N2247M
2. Owner	Name (As shown on registration certificate) BRUCE DALTON	Address (As shown on registration certificate) 4909 BROCK DR. HURDLE MILLS, NC. 27541

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
GILLEY AVIATION REPAIR INC HYDE FIELD HGR#6 pob 660 CLINTON MD. 20735	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	2356198
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 6 OCT 1993	Signature of Authorized Individual MILTON E. GILLEY <i>[Signature]</i>
---------------------------	--

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 6OCT 1993	Certificate or Designation No. 2356198	Signature of Authorized Individual MILTON E. GILLEY <i>[Signature]</i>			

6 OCT 1993

1. INSTALLED STABILATOR TIPS P/N 1813 i/a/w MET-CO-AIRE SD 2800. FAA and PMA APPROVED PER ENGINEERING APPROVAL LETTER DATED MAY 14, 1986.
2. NO WEIGHT CHANGE.
3. ALL WORK CONFORMS TO ACCEPTABLE METHODS, TECHNIQUES AND PRACTISES CONTAINED IN AC 43.13-1A AND 43.13-9A.

END-----

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

FOR FAA USE ONLY
OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE Piper	MODEL PA28R-201
	SERIAL NO. 28R-7837073	NATIONALITY AND REGISTRATION MARK N2247M
2. OWNER	NAME (As shown on registration certificate) Dalton, Bruce A. Tripoli, Salvatore	ADDRESS (As shown on registration certificate) 4909 Brock Dr. Hurdle Mills, NC 27541

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTER-ATION
AIRFRAME	♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦ (As described in item 1 above) ♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS Raleigh Flying Service, Inc. PO Box 80066 RDU Airport, NC 27623	B. KIND OF AGENCY	C. CERTIFICATE NO. DWSR387D
	U.S. CERTIFICATED MECHANIC	
	FOREIGN CERTIFICATED MECHANIC	
	<input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION	
	MANUFACTURER	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE Oct. 17, 1991	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Dennis E. Morgan</i> Dennis E. Morgan
-----------------------	---

7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	<input checked="" type="checkbox"/> REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION Oct. 17, 1991	CERTIFICATE OR DESIGNATION NO. DWSR387D	SIGNATURE OF AUTHORIZED INDIVIDUAL Otis D. Hudson, Jr. <i>Otis D. Hudson, Jr.</i>		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

A) Performed conformity inspection on previously installed Alcor four probe EGT system, date and time unknown IAW STC SA522SW with no defects noted.

END

ADDITIONAL SHEETS ARE ATTACHED

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

FOR FAA USE ONLY

OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE Piper	MODEL PA28R-201
	SERIAL NO. 28R-7837073	NATIONALITY AND REGISTRATION MARK N2247M
2. OWNER	NAME (As shown on registration certificate) Dalton, Bruce A. Tripoli, Salvatore	ADDRESS (As shown on registration certificate) 4909 Brock Dr. Hurdle Mills, NC 27541

3. FOR FAA USE ONLY

Blank space for FAA use only.

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	~~~~~ (As described in item 1 above) ~~~~~				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS Raleigh Flying Service, Inc. PO Box 80066 RDU Airport, NC 27623	B. KIND OF AGENCY		C. CERTIFICATE NO. DWSR387D
	<input type="checkbox"/>	U.S. CERTIFICATED MECHANIC	
	<input type="checkbox"/>	FOREIGN CERTIFICATED MECHANIC	
	<input checked="" type="checkbox"/>	CERTIFICATED REPAIR STATION	
	<input type="checkbox"/>	MANUFACTURER	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE Oct. 17, 1991	SIGNATURE OF AUTHORIZED INDIVIDUAL Gerald B. Coons <i>Gerald B. Coons</i>
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7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION Oct. 17, 1991	CERTIFICATE OR DESIGNATION NO. DWSR387D	SIGNATURE OF AUTHORIZED INDIVIDUAL Otis D. Hudson, Jr. <i>Otis D. Hudson, Jr.</i>
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An alteration must be compatible with all previous alterations to applicable airworthiness requirements.

DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

- 1) Installed a Sigtronics SPA400 ICS using the factory installation instructions. Inspected the installation of an Astro Tech LC-2 clock previously installed. The above work was performed using guidelines set forth in AC43.13-1A and 2A.
- 2) The above systems were ramp checked for proper operation, RFI and EMI. No defects were noted.
- 3) The aircraft logbooks and equipment list was revised this date. Weight change was negligible.

END

Blank grid area for additional notes or drawings.

REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

FOR FAA USE ONLY
 OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE PIPER	MODEL PA-28R-201
	SERIAL NO. 28R 7837073	NATIONALITY AND REGISTRATION MARK USA N2247M
2. OWNER	NAME (As shown on registration certificate) DALTON, BRUCE A. TRIPOLI, SALVATORE	ADDRESS (As shown on registration certificate) 4909 BROOK DR. HURDLE MILLS, N.C. 27541

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				X
POWERPLANT	LYCOMING	I0360-C106	L-18275-51A		X
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS C.J. RICE UNION COUNTY AIRPORT UNION, S.C.	<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC	C. CERTIFICATE NO. 240665305
	<input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC	
	<input type="checkbox"/> CERTIFICATED REPAIR STATION	
	<input type="checkbox"/> MANUFACTURER	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE 10/18/90	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>[Signature]</i>
-------------------------	--

7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	<input checked="" type="checkbox"/> INSPECTION AUTHORIZATION	OTHER (Specify)
FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION 10/18/90	CERTIFICATE OR DESIGNATION NO. 2231953 AI	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>[Signature]</i>
--	---	--

craft nationality and registration mark and date work completed.)

INSTALLED PRECISE FLIGHT, INC. STANDBY VACUUM SYSTEM
IN ACCORDANCE WITH AIRFRAME STC# SA2167NM AND
LYCOMING STC#SE1779NM.

END

ADDITIONAL SHEETS ARE ATTACHED



PRECISE FLIGHT INC.

63120 Powell Butte Road
Bend, Oregon 97701 (503)382-8684

United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SE1779NM

This certificate, issued to Precise Flight, Inc.

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 33 of the Federal Aviation Regulations:

Original Product — Type Certificate Number *

Make: Lycoming

Model: *

* See Attached Master Eligibility List (MEL) No. SE1779NM, for list of approved engine models and applicable airworthiness regulations.

Description of Type Design Change:

Installation of Precise Flight, Inc. Standby Vacuum System (SVS) in accordance with Precise Flight, Inc. Installation Instructions SVS-1A and Drawing No. SVS Drawing 3.

Limitations and Conditions: Approval of this change in type design applies to the above model engines only. This approval should not be extended to engines of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that engine. A copy of this Certificate, Addendum No. SE1779NM, and Master Eligibility List, dated 30 December 1983, or later FAA approved revision, must be maintained as part of the permanent records for the modified aircraft. This certificate and the supporting data which is the basis for approval shall remain in effect until sur-

rendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: December 13, 1982

Date issued:

Date of issuance: December 28, 1982

Date amended: December 30, 1983

By direction of the Administrator



H. E. Wattman
(Signature)

Manager, Seattle Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47

Revision No.	Description	Date

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Form Approved
Budget Bureau No. 04-R060.1

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

FOR FAA USE ONLY

OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE PIPER	MODEL PA 28R-201
	SERIAL NO. 28R-7837073	NATIONALITY AND REGISTRATION MARK N 2247M
2. OWNER	NAME (As shown on registration certificate) DALTON BRUCE A TRIPOLI SALVATORE	ADDRESS (As shown on registration certificate) 4909 BROCK DR. HURDLE MILLS NC 27541

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS RALEIGH FLYING SERV. INC. PO BOX 80066 RDU AIRPORT NC 27623	B. KIND OF AGENCY		C. CERTIFICATE NO. 711-4
	<input type="checkbox"/>	U.S. CERTIFICATED MECHANIC	
	<input type="checkbox"/>	FOREIGN CERTIFICATED MECHANIC	
	<input checked="" type="checkbox"/>	CERTIFICATED REPAIR STATION	
	<input type="checkbox"/>	MANUFACTURER	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE 27 APRIL 90	SIGNATURE OF AUTHORIZED INDIVIDUAL GERALD B COONS
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7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE			

DATE OF APPROVAL OR REJECTION 27 APRIL 90	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
--	--------------------------------	------------------------------------

36

MEL AMENDMENT DATE

9/9/86

9/9/86

9/9/86

15, 1986

MEL AMENDMENT DATE
9/9/86

9/9/86

9/29/86

9/29/86

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

- 1) REMOVED AN STS MODEL#120MC LORAN RECIEVER, TRAY, WIRE HARNESS, AND ANT. FROM THE AIRCRAFT AND INSTALLED A II MORROW MODEL# 604 LORAN-C AND AN A16 ANT. IN THE SAME LOCATION AND MANNER USING THE II MORROW FACTORY INSTALLATION MANUAL, AC 43.13-1A, 2A, AND AC 20-121A.
- 2) THE PANEL WAS PLACARDED LORAN-C NOT APPROVED FOR IFR USE THE SYSTEM WAS RAMP CHECKED FOR PROPER OPERATION RFI AND EMI AND NO DEFECTS WERE NOTED.
- 3) THE AIRCRAFT LOG BOOKS AND EQUIPMENT LIST WAS REVISED THIS DATE THE WEIGHT CHANGE WAS NEGLIGABLE.

-----END-----

ADDITIONAL SHEETS ARE ATTACHED

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Form Approved
Budget Bureau No. 04-R060.1

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

FOR FAA USE ONLY
OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE <i>Piper</i>	MODEL <i>PA28R-201</i>
	SERIAL NO. <i>28R-7837073</i>	NATIONALITY AND REGISTRATION MARK <i>N2247M</i>
2. OWNER	NAME (As shown on registration certificate) <i>Salvatore Tripoli</i>	ADDRESS (As shown on registration certificate) <i>One Spring Dell Lane Chapel Hill, NC 27514</i>

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
				REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
<i>Raleigh Flying Service, Inc. PO Box 80066 RDU Airport, NC 27623</i>	<input type="checkbox"/> U.S. CERTIFICATED MECHANIC	<i>777-4</i>
	<input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC	
	<input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION	
	<input type="checkbox"/> MANUFACTURER	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE <i>Feb. 16, 1990</i>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Gerald B. Coons</i>
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7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
		CANADIAN DEPARTMENT	

86

MEL
AMENDMENT
DATE

9/9/86

9/9/86

9/9/86

15, 1986

MEL
AMENDMENT
DATE
9/9/86

9/9/86

9/29/86

9/29/86

craft nationality and registration mark and date work completed.)

- 1) Installed in the aircraft was a STS Loran, model 120MC, s/n 71200008. The Loran was installed in co-pilots instrument panel and was connected to an existing CI 121SP antenna. The above installation was made using factory installation manual, AC20.121a and AC43.13-1A and 2A.
- 2) The system was ramp checked for proper operation, RFI and EMI and no defects were noted.
- 3) The Loran C was placarded for VFR use only.
- 4) Aircraft logbooks, equipment list and weight and balance forms were completed this date.

END

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

FOR FAA USE ONLY
OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE <i>PIPER</i>	MODEL <i>PA 28 R</i>
	SERIAL NO. <i>28R7837073</i>	NATIONALITY AND REGISTRATION MARK <i>N2242 M</i>
2. OWNER	NAME (As shown on registration certificate) <i>CAMELOT STUDIOS, INC</i>	ADDRESS (As shown on registration certificate) <i>Mobile AL 36606</i>
	<i>458 DAUPHIN ISLAND PRKY</i>	

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦ (As described in item 1 above) ♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦			<i>X</i>	
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
<i>Joel P. Clark P.O. Box 327 Bay Minette, AL 36507</i>	<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC	<i>1465237AIP</i>
	<input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC	
	<input type="checkbox"/> CERTIFICATED REPAIR STATION	
	<input type="checkbox"/> MANUFACTURER	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE <i>4-26-88</i>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Joel P. Clark</i>
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7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER <i>X</i>	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION <i>4-26-88</i>	CERTIFICATE OR DESIGNATION NO. <i>1465237A</i>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Joel P. Clark</i>		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

18. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

- 1- Replaced INBD Aileron SKIN ON LEFT Aileron
- 2- Replaced AFT SKIN PANEL ON LEFT WING OUTBD OF FUEL TANK ON BOTTOM Side
- 3- Replaced Fwd SKIN PANEL ON LEFT WING OUTBD OF FUEL TANK ON BOTTOM side
4. WORK Accomplished AS PER Piper Service manual + AC-43:13-1A
5. Nothing Follows

ADDITIONAL SHEETS ARE ATTACHED

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

FOR FAA USE ONLY
OFFICE IDENTIFICATION

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE PIPER	MODEL
	SERIAL NO. 28R 7837073	NATIONALITY AND REGISTRATION MARK PA-28R-201 N2247M
2. OWNER	NAME (As shown on registration certificate) CAMELOT STUDIOS INC.	ADDRESS (As shown on registration certificate) 2524 DAUPHIN ISLAND PARKWAY MOBILE ALABAMA, 36605

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	~~~~~ (As described in item 1 above) ~~~~~				XX
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
CHARLES BONNER RT, 1 BOX 203A SUMMERDALE ALABAMA 36580	<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC	A&P 1308157
	<input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC	
	<input type="checkbox"/> CERTIFICATED REPAIR STATION	
	<input type="checkbox"/> MANUFACTURER	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE 6-29-87	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Charles D Bonner A&P 1308157</i>
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7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	<input checked="" type="checkbox"/> INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 6-29-87	CERTIFICATE OR DESIGNATION NO. IA422444346	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>James W. Wallan</i>		

This Form 337 is being executed to show compliance with Piper Service Bulletin 836A. Replacement of aluminum battery wires with copper wires. Copper wire installed was Bogert Aviation Kit, STC SA3531NM.

As per Bogert Aviation installations left side of aircraft interior was removed and electrical wires supplied in kit were installed part numbers #2-12-1, #2-6-2, #2-8-4, #2-6-6, #2-13-8. Interior was installed in accordance with Piper Service Manual. Aircraft electrical circuits were tested and found to be airworthy. Work done as per AC 43.13-1A, -2A.

end

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA3531NM

This certificate, issued to Bogert Aviation

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part * of the * Regulations.

Original Product — Type Certificate Number: *
Make: *
Model: *
* See attached Master Eligibility List (MEL) Number SA3531NM for List of Approved Airplane Models and Applicable Airworthiness Regulations.

Description of Type Design Change:

Install copper electrical cables in accordance with Bogert Aviation Installation Instructions as listed on MEL SA3531NM.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and Master Eligibility List (MEL) shall be maintained as part of the permanent records for the modified aircraft.

This certificate and the supporting data which is the basis for approval shall remain in effect unless suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: May 27, 1986

Date received:

Date of issuance: July 15, 1986

Date forwarded:



By direction of the Administrator
William B. Ashworth
(Signature)
Manager, Seattle Aircraft
Certification Office

MEL
AMENDMENT
DATE

9/9/86

9/9/86

9/9/86

15, 1986

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9/9/86

9/29/86

9/29/86