

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AVIONICS
MAINTENANCE
RECORDS**

PITOT STATIC

AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. 1

Aircraft Registration No. N7244Y

Aircraft Manufacturer Piper

Model PA-30

Serial No. 30-269

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

Mfg.	Model	Serial No.
1.		
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AEROTECH PUBLICATIONS INC.

www.adlog.com
PO BOX 1359 / SOUTHOLD, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE
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100	100

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

Remarks: REMOVED AND REPLACED DEFECTIVE
AIRSPPEED INDICATOR WITH NEW OUTRIGHT TRUE
AIRSPPEED INDICATOR P/N: 8125-B178 S/N: 186533. RAMP
TESTED AND VERIFIED FOR PROPER OPERATION. NO
CHANGE TO THE WEIGHT AND BALANCE.

Tech	Frank Bossard	Cert No.	HW4R427M
Insp		Cert No.	HW4R427M

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

Mobile, AL 36015 GRC

Altimeter MFG: United P/N: 5934PA-3
S/N 445904 has been tested & found to comply with FAR
43, App E. Unit tested to 35,000 ft on 05 / 07 / 2005
by Southern Avionics W.O. # 79200 The Static System was
tested as required by FAR 91.411 and found to comply with FAR 43, App E.
This transponder (MFG) King KT-78A P/N 066-1062-01
S/N 1375 and transponder automatic altitude reporting
system has been tested as required by FAR 91.411/413 and found to comply
with FAR 43, App E and F.

Cart No. HW4R427M

with FAR 43, App E and F.

Technician: Frank Bossard

Inspector: [Signature]

Date: 05 / 07 / 2005

Cert No. HW4R427M

Cert No. HW4R427M

Work Order No. 79200

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

N- 7244Y W.O. No. 19201
Remarks: REMOVED DEFECTIVE ALTIMETER P/N:
G371-011A S/N: 30. INSTALLED NEW ALTIMETER P/N:
5934PA-3 S/N: 445904. RAMP TESTED AND VERIFIED FOR
PROPER OPERATION. NO CHANGE TO THE WEIGHT
AND BALANCE.

AND BALANCE.

Tech	<u>Leroy Lampkin</u>	Cert No.	<u>HW4R427M</u>
Insp	<u>[Signature]</u>	Cert No.	<u>HW4R427M</u>

PILOT STATIC

DATE

AIRFRAME
TIME
IN
SERVICE

AVIONICS
TIME
IN
SERVICE

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

1. Approving National Aviation
Authority/Country:

FAA/United States

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address:

2495-A Michigan Ave

Southern Avionics & Communication Mobile, Alabama 36615

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11.
1	AIRPATH WET COMPASS	C2400	N/A	1	N/A

13. Remarks:

Unit repaired/aligned and tested to MFG's Specifications. See W/O for details.

14. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in a condition for safe operation.
- ☐ Non-approved design data specified in Block 13.

19. ☒ 14 CFR 43.9 Return to Service

Certifies that unless otherwise specified and described in Block 13 was accepted Federal Regulations, part 43 and return to service.

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:



17. Name (Typed or Printed):

18. Date (m/d/y):

22. Name (Typed or Printed):

Clyde B. Franklin

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the air Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation statement by the user/installer before the aircraft may be flown.

Southern Avionics & Communications, Inc.
CRS HW4R427M

Mobile Downtown Airport
2495-A Michigan Avenue / Mobile, AL 36615

N# N7244Y

WO#

92051 92508

p/n 5934PA-3

Date 9/22/11

Altimeter

United

Altimeter

s/n 445904

22,000 ft

The listed altimeters have been tested and found to comply with FAR 43, App E.
The static system was tested as required by FAR 91.411 and found to comply with
FAR 43, App E. The listed Transponders and transponder automatic altitude reporting
system have been tested as required by FAR 91.411/413 and found to comply with
FAR 43, App E & F.

Transponder #1

King KT-78A

p/n 066-1062-01

s/n 1375

Transponder #2

p/n

s/n

Ch. B. Frazer
Technician / HW4R427M

[Signature]
Inspector / HW4R427M

Southern Avionics & Communications, Inc.
CRS HW4R427M

Mobile Downtown Airport
2495-A Michigan Avenue / Mobile, AL 36615

N# N7244Y

WO# 94466

Date 11.21.2012

Transponder King KT-76A

P/N 066-1062-00

S/N 15373

Removed the defective KT-78A transponder s/n: 1375 and installed a SAC serviceable
loaner KT-76A s/n: 15373.

The listed transponder and automatic altitude reporting system has been tested as
required by FAR 91.413 and FAR 91.217 and found to comply with FAR 43 app F.

Weight and balance negligible.

Ch. B. Frazer
Technician / HW4R427M

[Signature]
Inspector / HW4R427M

PITOT STATIC

DATE

AIRFRAME
TIME
IN
SERVICE

AVIONICS
TIME
IN
SERVICE

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

Southern Avionics & Communications, Inc.
CRS HW4R427M

Mobile Downtown Airport
2495-A Michigan Avenue / Mobile, AL 36615

N# 7244Y WO# 94677 Date 1-17-2013

Removed defective GNS-430W P/N 011-01060-40 S/N 97109195. Installed and configured rental GNS-430W P/N 011-01060-00 S/N 23400447. Ramp checked and verified proper operation. No change to weight and balance.

Jeff Haddan

Technician / HW4R427M


Inspector / HW4R427M

Southern Avionics & Communications, Inc.
CRS HW4R427M

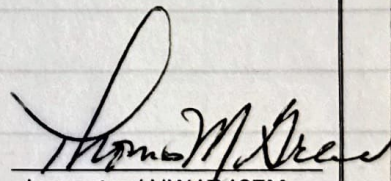
Mobile Downtown Airport
2495-A Michigan Avenue / Mobile, AL 36615

N# 7244Y WO# 94677 Date 2-4-2013

Removed rental GNS-430W S/N 23400447 and installed repaired/serviceable GNS-430W P/N 011-01060-40 S/N 97109195. Configured and ramp checked for proper operation. No change to weight and balance.

Jeff Haddan

Technician / HW4R427M


Inspector / HW4R427M

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE

AIRFRAME
TIME
IN
SERVICEAVIONICS
TIME
IN
SERVICE

4/24/13

Removed the GNS 430W P/N 011-01060-40 S/N 97109195
and installed a GNS 430 P/N 011-00280-10 S/N 97119905.
Bump checked and verified proper operation.
Michael Swift, IA, 3254278, *[Signature]*

Work completed:

ATC Transponder Test and Inspection – FAR 91.413 I/A/W FAR 43 Appendix F
Altimeter System / Altitude Reporting Equip Test – FAR 91.411 I/A/W FAR 43 App E
Static System Test – FAR 91.411 I/A/W FAR 43 Appendix E, Paragraph (a)
Altimeter Test – FAR 91.411 I/A/W FAR 43 Appendix E, Para (b)

Work Order

131018-7244Y

Transponder: Model: RT-76A S/N 15373

Encoder: Model: 550190 S/N 54554

Altimeter: Model: 5934PA-3 S/N 445904

Signed: *[Signature]* Date: 10/22/13

Avionics Solutions LLC
911 Revis Sirmon Loop, Hangar 5, Abbeville LA.

FAA CRS# 6ASR211B

Avionics Solutions LLC CRS #6ASR211B

Max Altitude Tested: 80,000 ft

Technician: *[Signature]*

Date: 10/22/13

Avionics Solutions LLC CRS# 6ASR211B
WO#: 131018-7244Y

Date: 10/22/13

Altimeter Reads	Add	Altimeter Reads	Add
0	0	12000	0
500	0	14000	+10
1000	0	16000	0
1500	+5	18000	0
2000	0	20000	0
3000	0	25000	
4000	0	30000	
6000	0	35000	
8000	0	40000	
10000	0		
Altimeter P/N: 5934PA-3		S/N: 445904	

Page No.

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Work completed:

ATC Transponder Test and Inspection – FAR 91.413 I/A/W FAR 43 Appendix F
 Altimeter System / Altitude Reporting Equip Test – FAR 91.411 I/A/W FAR 43 App E
 Static System Test – FAR 91.411 I/A/W FAR 43 Appendix E, Paragraph (a)
 Altimeter Test – FAR 91.411 I/A/W FAR 43 Appendix E, Para (b)

Work Order # 160323 - 7244y

Transponder: Model: KT-76A S/N 15373

Encoder: Model: 5934PA-3 S/N 445904

Altimeter: Model: 550120- S/N 54554

Signed:  Date: 3/28/16

Avionics Solutions LLC
113 Borman Drive, Lafayette, La

FAA CRS# 6ASR211B

Avionics Solutions LLC CRS# 6ASR211B			Date:
WO#: 160323-7244Y			3/28/16
Altimeter Reads	Add	Altimeter Reads	Add
0	-	12000	-
500	-	14000	-
1000	-	16000	-
1500	-	18000	-
2000	-	20000	-
3000	-	25000	
4000	-	30000	
6000	-	35000	
8000	-	40000	
10000	-		
Altimeter P/N: 5934PA-3		S/N: 445904	

DATE

AIRFRAME
TIME
IN
SERVICEAVIONICS
TIME
IN
SERVICE

Page No. _____

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

CODE 21000-2000-1000-1

