

**Beard's Aircraft Services, LLC**

9852 Robinson Road  
Bell City, LA 70630

**July 14<sup>th</sup>, 2018**

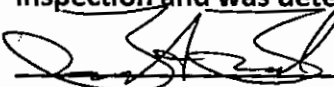
**N146DB Piper PA32R-301T**

**Hobbs: 1558.9**

**Airframe Total Time 1558.9 Serial # 3257100**

Completed ANNUAL INSPECTION this date in accordance with Piper PA32R-301T Saratoga TC Annual/100hr Inspection Guide and Appendix D of 14 CFR Part 43. Removed the wheels, cleaned, inspected, repacked bearings, flipped the LH tire on the wheel for more uniform wear, removed 2 shim washers from LH gear scissor to "toe in" the wheel, re-balanced all 3 wheels, installed. Gear retraction/emergency extension test shows normal operation and rigging. Lubricated the landing gear. Serviced the shimmy damper. Serviced the hydraulic pump and brake reservoir with MIL-H-5606 oil. Replaced the LH nav light bulb with a new W129028 bulb. Inspected the ELT IAW 14 CFR Part 91.207(D) - No defects noted. Installed new 452-0130 ELT battery. Replace ELT battery on/or before Feb, 2021. Serviced the air conditioning system with R134A refrigerant. Complied with AD 84-26-02 by installing new air filter. This AD recurs at TT 2058.9. All applicable AD's (14 CFR Part 39) are in compliance. Refer to AD compliance list compiled by this facility in the aircraft record for pertinent details of each applicable AD. Transponder/Altimeter tests IAW 91.411 and 91.413 are not in compliance at this time.

**I CERTIFY this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in AIRWORTHY condition.**

 A/P 3247387 IA 7/14/18  
**Bruce A. Beard A&P 3247387 IA 7/14/18**

Bruce A. Beard, Owner-A&P/IA

Phone/Fax: 337-598-4773, Mobile: 337-516-6643

Email: bruceabeard@wb4me.com

**CORROSION**  
Aircraft Application Center

# AIRCRAFT LOG

Date

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 # 170726-1460B

Transponder: Model: GTX330 S/N 24101145

Encoder: Model: AR-850 S/N 16094

Altimeter: Model: 5934PD-3 S/N 407201

Signed: [Signature] Date: 7/27/17

Avionics Solutions LLC  
 113 Borman Drive, Lafayette, LA

FAA CRS# 6ASR211B

Avionics Solutions LLC CRS# 6ASR211B

Date: 7/27/17

Altimeter Reads	Add	Altimeter Reads	Add
0	-	12000	-
500	-20	14000	-
1000	-	16000	-
1500	-	18000	-
2000	-	20000	-
3000	-	25000	-
4000	-	30000	-
6000	-	35000	-
8000	-	40000	-
10000	-		-

Altimeter P/N: 5934PD-3 S/N: 407201

Maintenance

Registration No.

and Remarks

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 # 170801-1460B

STBY

Transponder: Model: - S/N -

Encoder: Model: - S/N -

Altimeter: Model: 5934PD-3 S/N 407275

Signed: [Signature] Date: 8/1/17

Avionics Solutions LLC  
 113 Borman Drive, Lafayette, LA

FAA CRS# 6ASR211B

Avionics Solutions LLC CRS# 6ASR211B

Date: 8/1/17

Altimeter Reads	Add	Altimeter Reads	Add
0	-	12000	-20
500	-	14000	-30
1000	-	16000	-40
1500	-	18000	-60
2000	-	20000	-60
3000	-	25000	-
4000	-	30000	-
6000	-	35000	-
8000	-	40000	-
10000	-		-

Altimeter P/N: 5934PD-3 S/N: 407275

Total To  
 Carry Forward

**Beard's Aircraft Services, LLC**

9852 Robinson Road  
Bell City, LA 70630

July 5<sup>th</sup>, 2017


**N146DB Piper PA32R-301T**

**Hobbs: 1508.5**

**Airframe Total Time 1508.5 Serial # 3257100**

Completed **ANNUAL** INSPECTION this date in accordance with Piper PA32R-301T Saratoga TC Annual/100hr Inspection Guide and Appendix D of 14 CFR Part 43. Removed the wheels, cleaned, inspected, repacked bearings, re-balanced all 3 wheels, installed. Gear retraction/emergency extension test shows normal operation and rigging. Lubricated the landing gear. Serviced the shimmy damper. Serviced the hydraulic pump and brake reservoir with MIL-H-5606 oil. Inspected the ELT IAW 14 CFR Part 91.207(D) - No defects noted. Replace ELT battery on/or before Jan, 2019. Serviced the air conditioning system with R134A refrigerant. Compiled an equipment list for this aircraft and checked AD compliance against this list. **AD 84-26-02** air filter replacement recurs at TT 1566. Complied with **AD 10-15-10** by inspecting controls for proper installation. No defects noted. ATC was not receiving the transponder output when flying to this facility. Troubleshooting found a bad connector at the back of the GTX 330 tray. Complying with **AD 05-01-19** by removing transponder and sending to Garmin for software upgrade, overhaul, and ADSB out upgrade. All applicable AD's (14 CFR Part 39) are in compliance. Refer to AD compliance list compiled by this facility in the aircraft record for pertinent details of each applicable AD. Transponder/Altimeter tests IAW 91.411 and 91.413 are not in compliance at this time.

**I CERTIFY this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in AIRWORTHY condition.**

 **A&P 3247387 IA 7/5/17**  
**Bruce A. Beard A&P 3247387 IA 7/5/17**

Bruce A. Beard, Owner: A&P/IA

Phone/Fax: 337-598-4773, Mobile: 337-515-5643

Email: bruceabeard@wb4me.com

**CORROSIONX**  
Authorized Application Center

## Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.

Pg 1 / 1

The aircraft/appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service with respect to work performed.

SECRET *Jerry Huntley* 11/22/16  
 SECRET Jerry Huntley Date

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

# AIRCRAFT LOG

Registration No. \_\_\_\_\_

MAKE: Piper  
MODEL: PA-32R-301T  
S/N: 3257100  
REG. NO: N146DB  
WORK ORDER: 1249

**CFD Integration, LLC dba CFDI Aero**

4700 Spartan Drive, Hangar 102  
Denton, TX 76207  
Phone: 940-442-5232

DATE: 9/21/2016  
A/C TSN: 1493.1  
HOBBS: 1493.1

## Airframe Entries

(1) Removed oxygen bottle. Installed new assembly P/N 895-24050, S/N ALT279-27265. Manufactured 05/2016. Hydrostat next due 05/2021. Bottle expires 05/2031. Serviced with aviators breathing oxygen. Leak checked good at this time.

DATE: 9/21/2016

SIGNED: 

Work Order: 1249

Tim Fellego, A&P: IA 2834940

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA-32R-301T  
S/N: 3257100  
REG. NO: N146DB  
WORK ORDER: 1278

**CFD Integration, LLC dba CFDI Aero**

4700 Spartan Drive, Hangar 102  
Denton, TX 76207  
Phone: 940-442-5232

DATE: 10/19/2016  
A/C TSN: 1493.1  
HOBBS: 1493.1

## Airframe Entries

(6) Removed elevator trim master switch and replaced with factory new P/N 766-775. Ops check good at this time. Reassembled aircraft.

DATE: 10/19/2016

SIGNED: 

Work Order: 1278

Tim Fellego, A&P: IA 2834940

Printed by EBis 3 (datcomedia.com)

and Remarks

Signature

Certificate No.

Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y  
LOG ID# 1099 27-October-2016 WO# 3168 SA 20 HOBBS 1500.4  
N146DB S/N 3257100 PIPER PA32R-301T

Pg 1 / 2

DISCREPANCY: Perform WAAS Upgrade.  
Model: GNS 530 Part#: 011-00550-10 Serial#: 78402978

ACTION:  
Removed the following equipment:

Garmin GA 56 GPS Antenna P/N 011-00134-00  
Garmin GA 56 GPS Antenna P/N 011-00134-00

Installed the following equipment:

Garmin GA 35 GPS Antenna P/N 013-00235-00  
Garmin GA 35 GPS Antenna P/N 013-00235-00

GNS 530W / GNS 430W Installation was done as per STC SA01933LA-D. Garmin GNS 530 and GNS 430 were upgraded to WAAS under Garmin RMA 90648648. Removed GA 56 GPS Antenna's and installed GA 35 GPS Antenna's. The following manuals were used for reference: Garmin GNS 530W Installation Manual P/N 190-00357-02 Rev L January 2016, and Garmin GNS 430W Installation Manual P/N 190-00356-02 Rev L January 2016.

All wiring meets requirements of AC 43.13-1B chapter 11. Wiring was routed and secured as per AC 43.13-1B chapter 11. Circuit protection was used as per AC 43.13-1B chapter 11. Electrical load does not exceed limits as per AC 43.13-1B chapter 11. Wiring also meets requirements of AC 43.13-2B chapter 2. All installed equipment was checked for EMI interference as per AC 43.13-1B chapter 11.

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

**Make: Piper Model: PA-32R-301T S/N: 3257100 Reg: N146DB**

06/19/2015 HOBBS & AFTT 1470.5 This aircraft was inspected in accordance with FAR 43 appendix d. The following maintenance was performed. Cleaned, inspected and re-greased all wheel bearings. Lubricated all flight controls, pulleys, and landing gear grease points with lubricants listed in current PA32-301T maintenance manual. Removed, inspected and re-installed all fuel screens. Leak checked good. Inspected ELT IAW FAR 91.207(d.) Battery checked June 2016. Ops checked good at this time. Installed new front air conditioner compressor mounting bolt and set tension. Installed new battery spill hose and fittings. AD84-26-02 Paper air filter not applicable. Paper air filter replaced at this time. Complied with AD78-23-01 By inspection of fuel drain cover and operation. Checked good at this time. Due again in 100 hours. Complied with AD2013-02-13 Stabilator control system IAW Piper MSB 1245A. Due again in 2000 hours. I certify this aircraft has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition at this time. No other new or recurring AD's due at this time.

Tim Felleggy  
A&P 2834940 IA



total To Carry Forward				

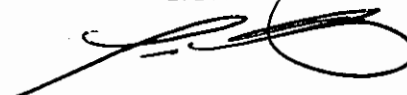
Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
-------------	-----------	-----------------

*Corrected Log entry Placed over this entry, A&P 2834940*

**Make: Piper Model: PA-32R-301T S/N: 3257100 Reg: N146DB**

06/19/2016 Hobbs 1492.0 TTAF 1492.0 This aircraft was inspected within the scope and depth as outlined in FAR 43 appendix D. The following maintenance was performed. Removed, cleaned, inspected and greased all wheel bearings. Lubricated all flight controls and pulleys in accordance with current Piper PA-32R-301T maintenance manual instructions. Cleaned main fuel strainer. Inspected ELT in accordance with FAR 91.207 (d.) Checked good at this time. Installed new battery P/N 452-0130. Battery replacement due January 2019. AD84-26-02 Paper air filter replacement previously complied with. Due again at 1761.8 hours. AD95-26-13 by the replacement of type D oil cooler hoses no longer applicable per FAA Special Airworthiness Information Bulletin No. ACE-96-01. Placed a copy with aircraft records. AD78-23-01 Fuel drain lever not applicable by aircraft model number. No other new or recurring AD's due at this time. I certify this aircraft has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition at this time.



Tim Felleggy  
A&P 2834940 IA


# AIRCRAFT LOG

Make: Piper Model: PA-32R-301T S/N: 3257100 Reg: N146DB

10/2012 Hobbs & TTAF 1413.7 This aircraft inspected to the scope and depth as outlined in FAR 43 appendix D. The following maintenance was performed: Cleaned, inspected and greased wheel bearings. Lubricated all flight controls. Secured mixture cable from engine mount. Lubricated turbo and waste gate with use milk. Greased stabilator trim jack screw. Inspected ELT in accordance with FAR 91.207d. ELT ops checked good at this time. Battery expires October 2013. AD84-26-02 (Paper air filter) Replaced at Hobbs time of 1261.8 hours. Due for replacement again at a Hobbs time of 1761.8 hours. AD2010-15-10 Control cable shafts not applicable by serial number. No further action required. Complied with AD95-26-13 by inspection of oil cooler hoses. Check good at this time. Type - D. hoses installed. No other new or recurring AD's due at this time. All systems ops and leak checked good at this time

Tim Fellegly  
A&P 2834940 IA

Make: Piper Model: PA-32R-301T S/N: 3257100 Reg: N146DB  
12/10/2012 Hobbs & TTAF 1413.7 I certify that this aircraft was inspected I/A/W an annual inspection and determined to be in airworthy condition.

Tim Fellegly  
A&P 2834940 IA

Initial To  
Copy Forward

Registration No. \_\_\_\_\_

Tomlinson Aviation 2230 Airport Drive Gainesville, TX 76240 940 612-2044

Make: Piper Model: PA-32R-301T S/N: 3257100 Reg.: N146DB

2/01/2014 Tach & TTAF 1446.7 This aircraft inspected to the scope and depth as outlined in FAR 43 Appendix D. The following maintenance was performed: Serviced brake and landing gear reservoir with MIL5606 Hydraulic fluid. Installed new ELT battery. Battery expires June 2016. Inspected and ops checked ELT in accordance with FAR 91.207d. Checked good at this time. Removed, cleaned, reassembled and installed oil/air separator with new hose purchased from PHT of Tulsa, OK. Cleaned and installed main fuel strainer. AD84-26-02 Paper air filter PCW. Replacement due at 1761.8 hours. Next change due. Complied with AD95-26-13 Oil cooler hose by inspection, Type-D hoses installed at this time. Complied with AD78-23-01 By inspection of fuel drain cover and drain operation. Checks good at this time. Due again in 100 hours. AD2013-02-13 stabilator control system is applicable. Due next annual or within 12 months of July 2014 per AD instructions. No other new or recurring ADs due at this time. Ran engine, all systems ops and leak checked good.

Tim Fellegly  
A&P2834940

CFDI AERO - 4700 Spartan Dr. Suite # 102 Denton, Texas 75602 - (940) 442-5232


Make: Piper Model: PA-32-300 S/N: 32-7740071 Reg: N5668V

2/01/2014 Tach & TTAF 1446.7 I certify that this aircraft was inspected I/A/W an annual inspection and determined to be in airworthy condition.

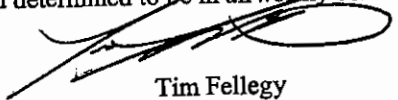
Tim Fellegly  
A&P 2834940 IA

Make: Piper Model: PA-32R-301T S/N: 3257100 Reg. #: N146DB

09/01/2010 Tach & TTAF 1366.4 his aircraft was inspected to the scope and depth as outlined in FAR 43 Appendix D. The following maintenance was performed. Inspected ELT in accordance with FAR 91.207D. Ops checked good at this time. Battery due for replacement December 2010. Placed aircraft on jacks. Inspected landing gear. Performed numerous normal and emergency gear extension and retractions. Ops and leak checked good at this time. Lubed all flight and trim controls with LPS. Cleaned, gapped, painted and re-installed all spark plugs. Installed new top spark plugs in cylinder number 4 and 6, P/N RHB36S. Complied with AD 95-26-13 by inspection of oil cooler hoses. Checks good at this time. Complied with AD2010-13-07 In accordance with Lycoming Service Instruction Number 1238B by replacing 1 welded type exhaust V-band clamps with rivet type PN NH1009399-10. No further action required. No other new or recurring Ad's due at this time. Ran engine, all systems ops and leak checked good.


  
Tim Fellegly  
A&P 2834940IA

Make: Piper Model: PA-32R-301T S/N: 3257100 Reg. #: N146DB  
09/01/2010 Tach & TTAF 1366.4 I certify that this aircraft was inspected I/A/W an annual inspection and determined to be in airworthy condition.

  
Tim Fellegly  
A&P 2834940IA


total To arry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
Make: Piper Model: PA-32R-301T S/N: 3257100 Reg: N146DB		
10/18/2011 Hobbs & TTAF 1390.4 This aircraft inspected to the scope and depth as outlined in FAR 43 Appendix D. The following maintenance was performed: Removed Oxygen Bottle and re-installed after hydrostat test by . Serviced O2 bottle to 1400psi. Leak checked good at this time. Installed new central vacuum filter P/N RA-D9-18-1 and new garter filter P/N B3-5-1. Polished both brake caliper pins and receptacles. Repaired cabin air inlet duct. Tightened alternator and air conditioning compressor belts and safety wired. Greased gear and lubricated all flight controls. Inspected ELT in accordance with FAR 91.207d. Installed new ELT battery P/N 452-0130. ELT ops checked good at this time. Battery expires October 2013. AD84-26-02 (Paper air filter) Replaced at Hobbs time of 1261.8 hours. Due for replacement again at a Hobbs time of 1761.8 hours. AD2010-15-10 Control wheel shafts not applicable by serial number. No further action required. Complied with AD95-26-13 by inspection of oil cooler hoses. Check good at this time. Type - D. hoses installed. All systems ops and leak checked good at this time		
	Tim Fellegly A&P 2834940 IA	

CFDIAERO - 4700 Spartan Dr. Suite # 102 Denton, Texas 75602 - (940) 442-5232

Make: Piper Model: PA-32R-301T S/N: 3257100 Reg: N146DB  
10/18/2011 Hobbs & TTAF 1390.4 I certify that this aircraft was inspected I/A/W an annual inspection and determined to be in airworthy condition.

  
Tim Fellegly  
A&P 2834940 IA



**Tomlinson Aviation 2230 Airport Drive Gainesville, TX 76240 940 612-2044**

Make: Piper Model: PA-32R-301T S/N: 3257100 Reg. #: N146DB  
07/01/2009 Tach & TTAF 1334.7 This aircraft was inspected to the scope and depth as outlined in FAR 43 Appendix D. The following maintenance was performed. Inspected ELT in accordance with FAR 91.207D Ops checked good at this time. Battery due for replacement December 2010. Installed 2 new fuel sump drains P/N F391-187. Sealed numerous holes in engine baffle. Installed new left and right brake discs P/N 164-21600. Installed new 5.00-5 6 ply Condor nose tire and tube. Installed new nose wheel bearings and races P/N 08125 & 08231. Installed new left main wheel outer bearing and race P/N 13889 & 13836. Resealed both brake calipers with o-rings P/N MS28775-222 and installed new shims P/N 068-01100. Bled and serviced system with Mil5606 hydraulic fluid. Serviced all struts with Mil5606 hydraulic fluid and nitrogen. Performed numerous gear retractions and extensions. Ops and leak checked good at this time. Installed numerous patches on forward exhaust shroud. Installed numerous new Scat hoses in engine compartment. Installed new instrument air regulator filter P/N B3-5-1. Installed new instrument air filter P/N D9-18-1. Removed right aileron and installed patch on outboard leading edge in accordance with AC 43.13-1B Chapter 4-58d as instructed by manufacturer listed in section 51-00-00 of maintenance manual number 761-879. Balanced aileron in accordance with manufacturers instructions. (-11.6 inch pounds) Within limits at this time. Re-installed aileron. Complied with AD 95-26-13 by inspection of oil cooler hoses. Checks good at this time. No other new or recurring Ad's due at this time. Ran engine, all systems ops and leak checked good.

Robinson Aviation 2230 Airport Drive Gainesville, TX 76240 940 612-2044

James Damron  
A&P 2704630LA

## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5/7/08	Brought Forward →	1208.0	1208.0	removed prop replaced A/H and A/C belt w/P/N 3D 37D22355 A/C Belt w/P/N 37B19TH- 472 Reinstall per Piper Maintenance Manual Run-up OK no leaks found Return to service <i>Jonathan Langley A&amp;P</i> 25321824683
Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
7/8/08 Hobbs 1261.8		
Change air intake filter P/N P15-1936		
Change ELT battery New Thru date 12/2010		
	<i>Jonathan Langley</i> 3029350	
<b>Tomlinson Aviation 2230 Airport Drive Gainesville, TX 76240 940 612-2044</b> <b>Make: Piper Model: PA32R-301T Ser: 32R3257100 Reg.: N146DB</b> 08/11/08 Hobbs 1267.5 Removed waste gate and actuator. Re-installed after overhaul by Aircraft Accessories of Oklahoma Inc. W/O 33658. Installed new hose P/N 124F002-6CR-0320 from controller to actuator. Ran engine, checked turbocharger operation and boost setting IAW TIO-540-AH1A overhaul manual. Ops and leak checked good.		
	<i>Jonathan Langley</i> Jonathan Langley A&P 2608936	

## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1/4/2008	Brought Forward →	1022.0	1122.0	Replace Electrics Fuel pump P/N 10080-D fuel pump S/N-080506 Johnny Cef AP2758068
1-2008		1205.0	1205.0	C/w 100 hour inspection done all controls, and pulleys.
total To carry Forward				Next Page

Registration No. \_\_\_\_\_

and Remarks	Signal
C/w AD 95-26-13 oil hoses by Visual inspection	
C/w AD 02-26-01 fuel lines by Visual inspection.	
Oxygen Bottle Hydrotest and Service. ERT Batter due June 08, FAR 91.207 par D. Replaced VMC pump with tempst Airborne Vac. Pump. Aircraft test flown Systems Normal return to Service this date.	
	Johnny Cef AP2758068

CERTIFICATE NUMBER: 772758068

"I certify that this Aircraft / Engine has been  
Inspected in accordance with an Annual / 100 hour  
inspection and was determined to be in airworthy  
condition."

SIGNATURE: \_\_\_\_\_

DATE: 5-1-08 TACH: 1205-00  
HOBS: TOTAL TIME: 1205-00

# AIRCRAFT LOG

certify that the altimeter and static system test required by FAR 91.411 have been performed and comply with FAR 43, Appendix E.

Model 59347DS Model 59347DS

H S/N 407261 RH S/N 407275

Date 07-11-07 WO# 6427

Signed [Signature]  
Precision Avionics Specialist, R/S PAOR392K  
Griffin, GA 30224

Maintenance

and Rema

I  
H  
M  
#  
D  
Si  
Pr  
G

1. UN

4. Org  
Pre  
101  
Gri

6. Item  
1

13. Re  
The  
Adm

15. Signature

17. Name (Typed or Printed):

18. Date:

16. FAA Authorization No.:

20. Authorized Signature

22. Name (Typed or Printed)

21. Certificate Number  
PAOR392K

23. Date:  
07-11-07

FAA Form 8130-3 (11-93)

\*Installer must cross check eligibility with applicable technical data

\*Installer must cross check eligibility with applicable technical data

ORM NO. 008

Precision Avionics Specialist  
388 Speedway Blvd. • Hampton, Georgia 30228  
Phone: (770) 964-8555  
FAA Repair Station # PAOR392K

Tested in compliance with Appendix E, Part 43, F.A.A.  
Regulations, 29 July 1965.  
Calibrated to 20000 ft.

ALTITUDE	SCALE ERROR	FRICTION ERROR	AFTER EFFECT	HYSTERESIS	UP READING	DOWN READING
1000	+10		+30			
500	0					
1000	+10					
1500	+20					
2000	+20					
3000	+20					
4000	+20					
5000	+20					
6000	+20					
8000	+20					
10000	+10					
12000	0					
14000	-5					
15000	+10					
16000	+10					
18000	+10					
20000	+50					
22000						
25000						
30000						
35000						
40000						
45000						
50000						

MECHANIC  
INSPECTOR  
[Signature]

DATE TESTED  
07-11-07

ALTIMETER SERIAL NO.  
407275

BARO. SCALE ERROR  
28.10

28.50

29.00

29.50

29.92

30.50

30.90

30.99

31.00

31.50

31.90

32.40

32.90

33.40

33.90

34.40

34.90

35.40

35.90

36.40

36.90

37.40

37.90

38.40

38.90

39.40

39.90

40.40

40.90

41.40

41.90

42.40

42.90

43.40

43.90

44.40

44.90

45.40

45.90

46.40

46.90

47.40

47.90

48.40

48.90

49.40

49.90

50.40

50.90

51.40

51.90

52.40

52.90

53.40

53.90

54.40

54.90

55.40

55.90

56.40

56.90

57.40

57.90

58.40

58.90

59.40

59.90

60.40

60.90

61.40

61.90

62.40

62.90

63.40

63.90

64.40

64.90

65.40

65.90

66.40

66.90

67.40

67.90

68.40

68.90

69.40

69.90

70.40

70.90

71.40

71.90

72.40

72.90

73.40

73.90

74.40

74.90

75.40

75.90

76.40

76.90

77.40

77.90

78.40

78.90

79.40

79.90

80.40

80.90

81.40

81.90

82.40

82.90

83.40

83.90

84.40

84.90

85.40

85.90

86.40

86.90

87.40

87.90

88.40

88.90

89.40

89.90

90.40

90.90

91.40

91.90

92.40

92.90

93.40

93.90

94.40

94.90

95.40

95.90

96.40

96.90

97.40

97.90

98.40

98.90

99.40

99.90

100.40

100.90

101.40

101.90

102.40

102.90

103.40

103.90

104.40

104.90

105.40

105.90

106.40

106.90

107.40

107.90

108.40

108.90

109.40

109.90

110.40

110.90

111.40

111.90

112.40

112.90

113.40

113.90

114.40

114.90

115.40

115.90

116.40

116.90

117.40

117.90

118.40

118.90

119.40

119.90

120.40

120.90

121.40

121.90

122.40

122.90

123.40

123.90

124.40

124.90

125.40

125.90

126.40

126.90

127.40

127.90

128.40

128.90

129.40

129.90

130.40

130.90

131.40

131.90

132.40

132.90

133.40

133.90

134.40

134.90

135.40

135.90

136.40

136.90

137.40

137.90

138.40

## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5-15-06	Brought Forward →	992.0		<p>✓w 100 hour</p> <p>inspection, lube all points, ✓w gear retraction, ✓w AD 95-26-13 hose AD's. FAR 91.207 per D'. Replace ELT Battery New Due date June 08.</p>
DATE <u>5/15/06</u>		HOBBS	TACH <u>992.0</u>	TOTAL TIME <u>992.0</u>
<p>"I certify that this AIRCRAFT/ENGINE has been inspected in accordance with an ANNUAL/100-Hr. inspection and was determined to be in airworthy condition."</p>				
SIGNATURE		<u>[Signature]</u>		
CERTIFICATE NUMBER		<u>1A2758068 AP</u>		
Total To Carry Forward				

Registration No.

and Remarks	Signature	Certificate No.
<p>TRCA:</p> <p>6-1-07 - ✓w 100 hour, lube all points, perform gear retract. ✓w 95-26-13 hose. ✓w FAR 91.207 per D'. ELT. Check. AD's Check then 5-2007. Repair Air Conditioning Sys. with hose on compression. Vac. and Charge.</p> <p>return to service. ✓w AD 84-26-02 due 15/06</p>		
<p>6/1/07</p> <p>HOBBS <u>1066.0</u></p> <p>TACH <u>1066.0</u></p> <p>TOTAL TIME <u>1066.0</u></p>		
<p>"I certify that this AIRCRAFT/ENGINE has been inspected in accordance with an ANNUAL/100-Hr. inspection and was determined to be in airworthy condition."</p>		
SIGNATURE		<u>[Signature]</u>
CERTIFICATE NUMBER		<u>1A2758068</u>

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
			871.0	871.0
	Brought Forward →			
5/20/05	871.0			
I certify that this AIRCRAFT/ENGINE has been inspected in accordance with an ANNUAL/100 Hr. inspection and was determined to be in airworthy condition.				
SIGNATURE			<i>[Signature]</i>	
CERTIFICATE NUMBER			JA2758068	
I CERTIFY THAT THE ALTITUDE AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND COMPLY WITH FAR 43, APPENDIX E				
MODEL		MODEL		
S/N		S/N		
DATE		DATE		
W/O#		W/O#		
PRECISION AVIONICS SPECIALIST, R/S # PAOR392K		PRECISION AVIONICS SPECIALIST, R/S # PAOR392K		
HAMPTON, GA 30226		HAMPTON, GA 30226		
Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
9/31/05 INSTAL IM DOTG-01 SN 806001781 AND CX-420 -1 IM ANT. INSTAL SYSTEM AND CHECK ALL OUT PER AC 43.13-2A. CHECK ALL SYSTEM OUT.		
This Aircraft, Airframe, Aircraft Engine, Propeller, Appliance identified above was repaired and inspected accordance with current regulations of The Federal Aviation Administration and is approved for return service. Pertinent details of the repair are on file at this Repair Station under Order No. 5508		
Date 09/3/05 Signed <i>[Signature]</i>		
Precision Avionics Specialist, Bear Creek Airport, Hampton, GA 30226 R/S PAOR392K		

## AIRCRAFT LOG

Registration No. \_\_\_\_\_

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
05/20/04	Brought Forward →			
INSTALL 2-3 SKYWATCH SYSTEM SKY497 SYSTEM MOUNTED RT UNIT IN REAR OF AIRCRAFT, RAN CABLE TO FRONT HOOK UP TO ANT. MOUNT ANT. ON TOP. RAN COAX TO RT UNIT. Hook UP SYSTEM INTO 530/430/EX-500. CHECK ALL OUT. INSTALL PER AC43.13-24/13. REDID WEIGHT/BALANCE.				
This Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected in accordance with current regulations of The Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at the Repair Station under Order No. 2093				
On 05/24/04 Signed: <u>John E. Black</u> Precision Avionics Specialist, Bear Creek Airport Hampton, GA 30228 R/L RACR 2224				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>✓w AD 2004-14-12 Control wheel attaching hardware. ✓w with Both Part I and Part II of AD 04-14-12. On this Date.</p> <p>May 20, 2005, Holds <del>TASH</del>: 871.0</p> <p>✓w 100 hour inspection, lube flight controls hinge points, ✓w AD 95-2613 Visual inspection of oil hoses. ✓w FAR 91.207 'PART D' Replaced GUT Battery. Service Battery, Hyd Res. lines. performed gear retraction. Return Aircraft back in service.</p>	<p>Hobbs: 810.6</p> <p>Janney Coy</p>	<p>10-20-2004</p> <p>AP2758068</p>

## AIRCRAFT LOG



## LOG BOOK ENTRY

N146DB  
W/O 22367Airframe Entry  
Hobbs: 648.6P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294KSeptember 10, 2003  
S/N 3257100

1. C/W Piper S/B 1139 Control Wheel inspection. C/W by inspection IAW S/B instructions threads are showing no further action required at this time.
2. Installed new screw in tail cone MS24693-S50.
3. Extracted seat belt from behind sidewall.
4. Installed a new pilots trim switch button p/n 5808-2 and set screw p/n 1115D440-2.

END

## MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 24367 Date: 10 Sept. 03

Signed: [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220  
LF1R294K

ce

S & S AVIATION CO.  
CHEROKEE COUNTY AIRPORT  
1800 AIRPORT DRIVE  
BALL GROUND, GA 30107

MODEL: PA32R-301T  
A/C REG: N146DB  
A/C S/N: 32R-3257100  
ENG S/N: RL-11104-61A

DATE: 03-01-04 =  
TACH: 689.2  
TOTAL: 689.2 =

OPENED ALL INSPECTION AND ACCESS PANELS. REMOVED ENGINE COWLING. INSPECTED AIRCRAFT. LUBRICATED ALL FLIGHT CONTROL HINGES, ROD ENDS, PULLEYS, AND BELLCRANKS. CHECKED CONTROL CABLE TENSIONS AND TRAVELS. SERVICED BATTERY, BRAKES, HYDRAULIC RESERVOIR, AND TIRE PRESSURES. PACKED WHEEL BEARINGS. JACKED AIRCRAFT AND OPERATIONALLY CHECKED LANDING GEAR. REPLACED #3 EXHAUST RISER ASSY, P/N 40B22303. INSPECTED INDUCTION AIR FILTER. FUNCTIONALLY CHECKED ELT TO COMPLY WITH FAR 91.207. COMPLIED WITH AD95-26-13 OIL COOLER HOSE INSPECTION. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND AIRWORTHY THIS DATE.

SIGNED:

CERT# 260254230 A&amp;P IA




## AIRCRAFT LOG



## LOG BOOK ENTRY

N146DB  
W/O 22025Airframe Entry  
Hobbs: 608.0  
TT A/F: 608.0P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294KMay 7, 2003  
S/N 3257100

1. Removed L/H MLG tire P/N 6.00 x 6 8 ply S/N 9324P00352. Installed new tire P/N 6.00 x 6 8 ply S/N 1181W00080 and tube P/N 6.00 x 6. All work done IAW PA-32R-301T M/M 32-40-00.
2. Installed new nose baggage light switch P/N 37939-002 and lamp 1495. Ops check satisfactory.

END

## MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 22025 Date: 5-7-03

Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220  
LF1R294K

Carry forward

Registration No. \_\_\_\_\_



## LOG BOOK ENTRY

N146DB  
W/O 22025Airframe Entry  
Hobbs 608.0 hrs. TT A/F 608.0 hrs.P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294KMay 7, 2003  
S/N 3257100

1. The GTX 330 Mode S Transponder Traffic Information Service (TIS) function is approved for use. See FAA Form 337 for details. The GTX 330, GNS 530 and GNS 430 have been configured for TIS display. The approved Flight Manual Supplements dated April 10, 2003 for the GTX 330 and April 15, 2003 for the GNS 530 and 430 (superceding previous versions) were placed in the Pilot's Operating Handbook/Aircraft flight Manual.
2. The GTX 330 software was updated to Version 3.03 per Garmin Software Service Bulletin No. 0304 dated April 25, 2003.

END

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 22025 Date: 5 MAY 03 Signed [Signature] for Skytech, Inc. P.O. Box 4942, Baltimore, MD 21220  
LF1R294K

## AIRCRAFT LOG



N146DB  
W/O 21469

## LOG BOOK ENTRY

Airframe Entry  
Hobbs: 590.5  
TT A/F: 590.5

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294K  
April 1, 2003  
S/N 3257100

21. Installed a new alleron pulley p/n MS20220-1 in spar box area.
22. Removed DME indicator p/n 690111-P s/n 10114 sent out for repair. Reinstalled unit s/n 10114. Ops checked satisfactory.
23. Removed TRC451 p/n 622-3670-001 s/n 15302 sent out for repair Reinstalled unit s/n 15302. Ops checked satisfactory.
24. C/W the following Piper S/L's:
  - a. S/L 1043 Oil cooler kit. C/W by installation of Piper kit p/n 767-332 IAW drawing p/n 887328. Oil cooler s/n's 316 and 317.
25. C/W the following Piper S/B's:
  - a. S/B 1092A Engine mount inspection. C/W as per part II of S/B by installation of repair kit p/n 104642-002. No further action required.
26. C/W the following AD notes:

Total

Carry Forward

an



N146DB  
W/O 21469

- a. AE
- 19
- 10
27. A/D Notes C
28. Performed p

MAINTENANCE RELE  
The aircraft and/or c  
Federal Aviation Reg  
are on file at this age  
Signed *[Signature]*  
LF1R294K

I certify that this *Aircraft* has been  
inspected in accordance with a *Annual*  
inspection and was determined to be  
in airworthy condition

Approving National Aviation  
Authority/Country:  
FAA /UNITED STATES

## AUTHORIZED RELEASE CERTIFICATE

SEE BLOCK 5

4. Organization		Compressed Aviation Gases		175 Anderson Avenue Moonachie, NJ 07074		5. Work Order, Certificate or Serial Number		0209164	
6. Item		Description		Part Number		Eligibility *		Quantity	
1. O2 Assembly		895-24050		N/A		1		279-6234	
13. Remarks		Work Order 0209164 detailing the actual work performed is attached. All work performed was done in accordance with FAA approved data. Mech: <i>(A.S.)(M.C.)</i> Inspector: <i>H.A.H.</i> Date Completed: <i>9/23/02</i>							
14. Certifies the items identified above were manufactured in conformity to:		15. Approved design data and are in a condition for safe operation.		16. Non-approved design data specified in Block 13		17. Name (Typed or Printed)		18. Date (m/d/y)	
19. Authorized Signature:		20. Approval Authorization No.		21. Approval/Certificate No.		22. Name (Typed or Printed):		23. Date (m/d/y):	
24. Signature		25. Signature		26. Signature		27. Signature		28. Signature	
29. Signature		30. Signature		31. Signature		32. Signature		33. Signature	
34. Signature		35. Signature		36. Signature		37. Signature		38. Signature	
39. Signature		40. Signature		41. Signature		42. Signature		43. Signature	
44. Signature		45. Signature		46. Signature		47. Signature		48. Signature	
49. Signature		50. Signature		51. Signature		52. Signature		53. Signature	
54. Signature		55. Signature		56. Signature		57. Signature		58. Signature	
59. Signature		60. Signature		61. Signature		62. Signature		63. Signature	
64. Signature		65. Signature		66. Signature		67. Signature		68. Signature	
69. Signature		70. Signature		71. Signature		72. Signature		73. Signature	
74. Signature		75. Signature		76. Signature		77. Signature		78. Signature	
79. Signature		80. Signature		81. Signature		82. Signature		83. Signature	
84. Signature		85. Signature		86. Signature		87. Signature		88. Signature	
89. Signature		90. Signature		91. Signature		92. Signature		93. Signature	
94. Signature		95. Signature		96. Signature		97. Signature		98. Signature	
99. Signature		100. Signature		101. Signature		102. Signature		103. Signature	

HYDRO-RETEST DUE:

9-2005

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01)

\* Installer must cross check eligibility with applicable technical data

NSN:0052-00-072-8005

ARTEX AIRCRAFT SUPPLIES, INC. 14435 Kell Rd. NE Aurora, OR 97002 (503) 678-7929 800-547-8901	
LOG BOOK ENTRY	1 April 03
E.L.T. BATTERY REPLACEMENT DATE	Dec 2004

## AIRCRAFT LOG



## LOG BOOK ENTRY

N146DB  
W/O 21469

Airframe Entry  
Hobbs: 590.5  
TT A/F: 590.5

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294K  
April 1, 2003  
S/N 3257100

1. Performed an annual inspection IAW Piper PA 32R-301/301T inspection guide dated 12-15-01
2. Removed ELT, opened and inspected. Installed a new battery p/n 452-0130. Tested ELT IAW FAR 91.207(d) and unit was found to be in satisfactory condition. ELT expires 12-2004
3. Installed a new central gyro filter p/n D9-18-1.
4. Tightened hardware on aft and fwd door sliders.
5. Installed a new R/H aft nav light bulb p/n A50828V.
6. Installed new R/H and L/H wing inboard aileron pulleys p/n 481-611.
7. Tightened jam nut on L/H nose gear door rod end. Ops checked door operation satisfactory.
8. Removed nose gear actuator. Installed new "O" rings p/n MS28775-213, MS28775-110 and backup ring p/n 762-687. Reinstalled actuator IAW Piper m/m 32-30-00 Leak and ops checked satisfactory.
9. Adjusted nose gear steering free play IAW Piper m/m 32-20-00.
10. Removed L/H main landing gear actuator. Installed new "O" rings p/n MS28775-113 and "T" seal p/n 76-084. Reinstalled actuator IAW Piper m/m 32-30-00. Leak and ops checked satisfactory.

To

Carry Forward

Registration No. \_\_\_\_\_

anc



## LOG BOOK ENTRY


N146DB  
W/O 21469

Airframe Entry  
Hobbs: 590.5  
TT A/F: 590.5

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294K  
April 1, 2003  
S/N 3257100

11. Removed R/H aft fwd facing seat shoulder harness p/n 452-679. Installed a new belt p/n 452-679. Ops checked satisfactory.
12. Autopilot flap reference cable is loose. Found incorrect hardware installation. Installed correct hardware and checked voltage. Voltage is 5VDC. Done IAW S-TEC ST-536 installation manual.
13. Replaced several broken roll pins in pilots seat.
14. Removed parking brake valve and installed new "O" rings. Reinstalled valve IAW Piper m/m 32-40-00. Bleed brakes and serviced reservoir with MIL-H-5606.
15. Removed oxygen bottle sent for hydrostatic testing. Next due 9-2005. Reinstalled bottle p/n 895-24050 s/n 279-6234. Ops checked satisfactory.
16. Installed a new nose wheel bearing p/n 08125 and race p/n 08231 IAW Cleveland m/m
17. Nose wheel filler tube is bent. Installed a new tube p/n 451-739 IAW Cleveland m/m.
18. Installed a new static wick on L/H flap p/n 494-678.
19. Treated L/H aileron bell crank and R/H wing attach point for corrosion.
20. Installed new door seal p/n 36722-011 on aft most door.

## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<div style="display: flex; justify-content: space-between; align-items: center;">  <div> <b>RONSON AVIATION INC.</b>  <small>A Subsidiary of the Ronson Corporation</small> </div> <div> <b>Log Book Entry</b> </div> </div>				
<div style="display: flex; justify-content: space-between;"> <div> N146DB s/n 3257100 </div> <div> Date <u>10 Sept 2002</u> HM 589.8 </div> </div>				
<p>This aircraft has been inspected and found to be in a safe condition for ferry to Skytech @ Martin State Airport, Baltimore, MD.</p> <p>A special flight permit has been requested to deliver the A/C for compliance of AD 2002-17-53, Lycoming Crankshaft Replacement.</p>				
<p>I certify that the article described above is airworthy with respect to the work performed.</p>				
W/O #: <u>421491</u> Date: <u>9/10/02</u>				
Signature: <u>N. Nates</u>				
W.O. # <u>421491</u>				
RM-8 Ronson Aviation, Inc. CRS EHHR538D				

Registration No. \_\_\_\_\_



## LOG BOOK ENTRY

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294K

N146DB  
W/O 21775

Airframe Entry  
Hobbs 593.0 hrs. TT A/F 593.0 hrs.

March 28, 2003  
S/N 3257100

The following equipment was removed:

- Garmin GTX 320 ATC Transponder, p/n 011-00258-10, s/n 83500877.

The following equipment was installed:

- Garmin GTX 330 Mode S Transponder, p/n 011-00455-00, s/n 84101145.
- Avidyne FlightMax EX500 MFD, p/n 700-00007-001, s/n B1209.
- Comant CI 177-4 VHF Datalink Antenna, s/n 3012608.

See FAA Form 337s for details. Weight and balance computations and equipment list revisions were placed in the Pilot's Operating Handbook/Aircraft flight Manual.

END

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 21775 Date: 28 MAR 03 Signed Jeremy J. [Signature] for Skytech, Inc. P.O. Box 4942, Baltimore, MD 21220 LF1R294K

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought Forward →				C&W Aero Services Inc. CRS #HX1R208K. Essex County Airport (CDW) 19 Wright Way suite 3, Fairfield, NJ 07004 Reg #: N146DB Make: Piper Model PA32R301T S/N: 3257100 Tach/Hobbs: 584.3 Work Order: 15421 Remove DDM S/N 0292 Install DDM S/N 0159 Good checks OK
Signed: [Signature]				Date: 5-21-02
Total To Carry Forward				

and Remarks	Signature	Certificate No.
5/22/02		
Hobbs 584.9		
changed nose tire $\frac{1}{2}$ Rt main tire		
changed both main disc's $\frac{1}{2}$ lining.		
changed Rt nose wheel Bearing $\frac{1}{2}$ wp.		
Jim Nagy A/P 183607134		
FLURY'S ACFT SRVC		
2409 MILFORD SQ PK		
QUAKERTOWN PA 18951		
215 538 0651		

## AIRCRAFT LOG

Registration No. \_\_\_\_\_



## LOG BOOK ENTRY

N146DB  
W/O 20925Airframe Entry  
Hobbs: 550.8  
TT A/F: 550.8P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294KJanuary 11, 2002  
S/N 3257100

1. C/W Piper S/B 1092 inspection of engine mount. C/W part 1 of S/B 1092 NDN at this time. Next inspection due at hobbs of 650.8.
2. Removed Garmin GNS 430 s/n 96301108 sent to factory to C/W Garmin A/D 2001-23-17. Installed a loaner unit s/n 96302530.

END

## MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 20925 Date: 16 Jan 02

Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220

LF1R294K

Total To  
Carry Forward

and Remarks

Signature

Certificate No.



## LOG BOOK ENTRY

N146DB  
W/O 20925Airframe Entry  
Hobbs: 550.8P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294KJanuary 28, 2002  
S/N 3257100

1. Removed factory loaner GNS 430 p/n 011-00280-00 s/n 96302530. Installed factory repaired unit s/n 96301108. Ramp checked and ops checked satisfactory

END

## MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 20925 Date: 28 Jan 02

Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220

LF1R294K

1000 1000

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-7-01	Brought Forward →	535.4	535.4	Engine Removed to special Advisory No. 1 oil sumps gasket, & lock plates. Re-inst maintenance manual
Total To Carry Forward				

Registration No. N-146 DB

and Remarks	Signature	Certificate No.
<p>comply with Textron Lycoming  67-901 - Replaced Accessory Housing.  replaced consumable seals, gaskets,  all engine I/A/W manufacturers</p>		
<p>The aircraft, airframe, propeller or appliance identified above was repaired-rebuilt  and inspected in accordance with current regulations of the Federal Aviation Agency,  and is approved for the return to service. Pertinent details on file.</p>		
<p>Work order <u>A-1271</u> Date <u>11-07-01</u> Signed <u>Richard B. Hoffman</u>  Textron Lycoming Service Center — Repair Station No. ED1B109K  Williamsport Lycoming County Airport — Montoursville, PA 17754</p>		

## AIRCRAFT LOG



## LOG BOOK ENTRY

N146DB  
W/O 20603Airframe Entry  
TT 528.3 Hobbs

September 10, 2001

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4299  
CRS #LF1R294K

1. Removed Directional Gyro P/N 6444 S/N 584 and replaced it with a factory loaner gyro P/N 6444 S/N 342B.
2. Removed dead altitude reporter P/N AR-850 S/N 14902 and replaced it with a repaired altitude reporter S/N 16094 P/N AR-850.

END

## MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 20603 Date: 9-10-01 Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 LF1R294K

Carry Forward

MAINTENANCE RELEASE  
COMPONENT RSDG SERIAL NO. 584  
PART/MODEL NO. 6444  
☐ Overhaul ☒ Repair ☐ Inspected ☐ New

The aircraft appliance identified above was overhauled, repaired, functional tested or is new as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this agency under

Work Order # 24309 Date 9-13-01  
Authorized Signature [Signature] P/N 884C

14. Certifies the items identified above were manufactured in accordance with the specifications specified in Block 13

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

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:

21. Approval/Certificate No.:

DV1R100K

17. Name (Typed or Printed):

18. Date (m/d/y):

22. Name (Typed or Printed):

Craig Unger

23. Date (m/d/y):

7/19/01

## 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/assembly.  
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts part/component/assemblies from the airworthiness authority of the country specified in Block 1.  
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (Rev. 02-00)

\*Installer must cross-check eligibility with applicable technical data

NSN: 0052-001-012-9005



2. <b>FAA FORM 8130-3</b> AIRWORTHINESS APPROVAL TAG		3. SYSTEM TRACKING REF. NO. 090164-001	
U.S. Department of Transportation Federal Aviation Administration		5. WORK ORDER, CONTRACT, OR INVOICE NUMBER: MRD 41072	
NATION <b>Parker</b> PARKER HANNIFIN, AIRCRAFT WHEEL & BRAKE 1160 AVON CENTER ROAD AVON, OHIO 44011 USA			
DESCRIPTION	8. PART NUMBER	9. ELIGIBILITY*	10. QUANTITY
RETRACT (011-00504)	SFA232-5	TBV	4
11. SERIAL / 12. BATCH NO.		13. STATUS / WORK	
N/A		REPAIRED	
14. WORK DONE ARE ON FILE UNDER REPAIR ORDER: 4242			
15. Repaired per <u>11-50</u> Drawing <u>A</u> Revision <u>A</u> JAA 4730			
16. FAA Authorization No.			
17. Authorized Signature <i>Bob Glading</i>			
18. Date 01/18/01			
19. Certificate Number QPWR872L			
20. Name (typed or printed) BOB GLADING			
21. Date 01/18/01			

Form 8130-3 AIRWORTHINESS APPROVAL TAG

INSTALLER RESPONSIBILITY: It is important to understand that the existence of this Document alone does not automatically constitute authority to install the component/assembly. Where the user/installer work is in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in Block 1 it is essential that the user/installer insure that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases aircraft maintenance documents must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.

has been  
annual  
to

Registration No. \_\_\_\_\_

**Skyltech, inc.**

# LOG BOOK ENTRY

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4299  
CRS #LF1R294K

N146DB

Airframe Entry

September 6, 2001

W/O 20603

Hobbs: 528.3hrs.

S/N 3257100

GARMIN GNS 530 system previously installed on August 29, 2001, is approved for IFR operations. The approved Flight Manual Supplement dated September 6, 2001 has been placed in the Flight Manual. The placard "GPS LIMITED TO VFR USE ONLY" has been removed. See FAA Form 337 dated September 6, 2001 for details.

## MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 20603 Date: 9/6/01 Signed [Signature] for LF1R294K

## AIRCRAFT LOG



## LOG BOOK ENTRY

N146DB  
W/O 20603Airframe Entry  
Hobbs 526.0 hrs. TT A/F 526.0 hrs.P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4299  
CRS #LF1R294KSeptember 4, 2001  
S/N 3257100

The J.P. Instruments EDM-700 approved Flight Manual Supplement dated 6/17/99 has been placed in the Flight Manual. See FAA Form 337s for details. Weight and balance computations and equipment list revisions were placed in the Pilot's Operating Handbook/Aircraft flight Manual.

-----END-----

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 4043 Date: 9/4/01  
Signed [Signature] for Skytech, Inc.  
P.O. Box 4942, Baltimore, MD 21220 LF1R294K

Page 3 of 3

Carry Forward

Registration No. \_\_\_\_\_



## LOG BOOK ENTRY

N146DB  
W/O 20406Airframe Entry  
Hobbs 526.0  
TT A/F 526.0P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4299  
CRS #LF1R294KSeptember 5, 2001  
S/N 3257100

1. Perform annual IAW Piper Inspection Guide P/N 230-1047.
2. Remove ELT, open and inspect. Replace ELT battery P/N 452-0130. Test ELT IAW FAR 91.207(d) and unit was found to be in satisfactory condition. ELT battery expires 6/2003.
3. Removed NLG actuator P/N 455-987 S/N 1695. Installed a new actuator P/N 455-987 S/N 2148. Ran gear ops checked satisfactory.
4. Removed L/H MLG actuator P/N SFA232-5. Installed a repaired actuator P/N SFA232-5. Ran gear ops check satisfactory.
5. Installed a new ground clearance switch P/N 688-309.
6. Installed a new L/H & R/H mag switch cover P/N 654-453 P/N 654-452.
7. Installed a new diode P/N IN4005 in L/H landing light circuit.
8. Installed a new central gyro filter P/N D9-18-1.
9. Lubed stabilator trim drum screw IAW M.M.
10. Installed a new cabin door latch placard P/N 583-537.
11. Installed a new L/H aft baffle P/N 85598-002.

Page 1 of 2

# AIRCRAFT LOG



## LOG BOOK ENTRY

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4299  
CRS #LF1R294K

September 4, 2001  
S/N 3257100

N146DB  
W/O 20603

Airframe Entry  
Hobbs 526.0 hrs. TT A/F 526.0 hrs.

The following equipment was removed:

1. Garmin GNS 430 GPS/VLOC/COM, p/n 011-00280-00, s/n 96305258.
2. Insight SF2000 StrikeFinder Display/Processor, p/n 2000-021-009, s/n 6790.
3. Insight SF2000 StrikeFinder Sensor/Antenna, p/n 2000-022, s/n 7109.

The following equipment was installed:

1. Garmin GNS 530 GPS/VLOC/COM, p/n 011-00550-10, s/n 78402978.
2. Goodrich WX-500 Stormscope Processor, p/n 805-11500-001, s/n 80126.
3. Goodrich NY-163 Stormscope Antenna, p/n 805-10930-001, s/n JCA07107693.
4. S-TEC ST-901 GPSS ARINC 429 Converter/Interface, p/n 01278-2, s/n 257.
5. Comant CI-122 COM Antenna, s/n 1042743.

Page 1 of 3

Total

Carry Forward

Registration No. \_\_\_\_\_



## LOG BOOK ENTRY

N146DB  
W/O 20603

Airframe Entry  
Hobbs 526.0 hrs. TT A/F 526.0 hrs.

September 4, 2001  
S/N 3257100

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4299  
CRS #LF1R294K

6. J.P. Instruments EDM-700 Engine Temperature Monitoring System consisting of:
  - a) EGT-701 Temperature Indicator, s/n 14909.
  - b) EGT Probe, p/n M-111-G, s/n 0046206, installed in cylinder 1.
  - c) EGT Probe, p/n M-111-G, s/n 0045105, installed in cylinder 2.
  - d) EGT Probe, p/n M-111-G, s/n 0045306, installed in cylinder 3.
  - e) EGT Probe, p/n M-111-G, s/n 0045900, installed in cylinder 4.
  - f) EGT Probe, p/n M-111-G, s/n 0045711, installed in cylinder 5.
  - g) EGT Probe, p/n M-111-G, s/n 0045694, installed in cylinder 6.
  - h) TIT Probe, p/n M-111-T, s/n N/A.
  - i) CHT Probe, p/n 5050-A, s/n N/A, installed in cylinder 3.
  - j) CHT Probe, p/n 5050-T, s/n 50145, installed in cylinder 1, s/n 48509, installed in cylinder 2.
  - k) CHT Probe, p/n 5050-T, s/n 50015, installed in cylinder 4, s/n 48519, installed in cylinder 5.
  - l) CHT Probe, p/n 5050-T, s/n 48592, installed in cylinder 6.
7. 24 volt power outlet.

Page 2 of 3

LEFT

# SKYTECH, inc.

## ALTIMETER CALIBRATION RECORD

CUST. KANE

W.O. No. 20406

MAX CALIB. ALT. 20,000' S/N 407261 P/N 5934PD-3 MGR UNITED

Registration No.

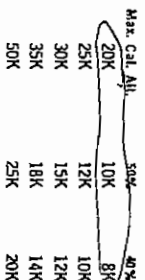
Test Point	Scale Error Inst.	Friction Test Inst.	Hyst. ±75% 40%	Barom. Set Point	Scale Error	Error (±3%) Inst. Reads
-1000	20 -20			28.10	-1722	0
0	20 -20			28.50	-1340	0
500	20 -5			29.00	-833	-10
1000	20 0	70 +5		29.50	-392	+10
1500	35 0	70 +10		30.00	531	0
2000	30 -10	70 +10		30.50	893	0
3000	30 -20	70 +10		30.99	974	-15
4000	35 0					
5000		70 +20				
6000	40 -25					
8000	80 -20					
10000	80 -35	80 +10	* 60			
12000	90 -25		* 55			
14000	100 -50					
15000		90 +20				
16000	110 -20					
18000	120 -60					
20000	130 -40	100 +20				
22000	140					
23000	155	120				
30000	180	140				
35000	205	160				
40000	230	180				
45000	255					
50000	280	250				

After Effect ± 30' +30

Case Leak: 100 FL./Min. @ 18,000 FL.

Inst. Change: 20

Note: Hysteresis Test Points



WORK REQUESTED: OH ☐ CHECK CAL. ☒ REP. ☐ CHANGE DIALS ☐

TESTED IN COMPLIANCE WITH FAR 43 App. E. ☒

MAINTENANCE RELEASE SUPPLIED WITH INSTRUMENT ☐

REMARKS: Instrument calibration checked to 20,000' Max. Alt. ☒ Master Altimeter ☐ Mercury Barometer

Against

Date: 7-19-01

Inspector: [Signature]



## AIRCRAFT LOG

Maintenance

Recorder

Aircraft Time

**SKYTECH, inc.**  
**LOG BOOK ENTRY**

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4299  
CRS #LF1R294K

Aircraft Reg. No. 146DB Serial No. 3257100

The Altimeter(s) Static and Altitude Reporting Systems test as required by FAR 91.411 in accordance with FAR 43 Appendix E have been performed. Altimeters tested:

L/H Model 5934PD-3 S/N 407261 Tested To 20,000'

R/H Model 5934PD-3 S/N 407275 Tested To 20,000'

The systems have been found airworthy for return to service. Details of this inspection are on file at this Agency under Work Order No. 20406 Date: 7-19-01

Signed [Signature]

SERVICEABLE PART TAG  
MAINTENANCE RELEASE

PART NAME : \_\_\_\_\_ Altitude Reporter  
PART MODEL : \_\_\_\_\_ N/A  
PART MFG. : \_\_\_\_\_ Narco  
PART NUMBER : \_\_\_\_\_ 4JR850  
PART PAC NUMBER : \_\_\_\_\_ 599-012  
PART SERIAL NO. : \_\_\_\_\_ 14902

THE AIRCRAFT COMPONENT IDENTIFIED  
ABOVE WAS INSPECTED ☐ , TESTED ☐ ,  
REPAIRED ☒ , OVERHAULED ☐ , REBUILT ☐ ,  
MODIFIED ☐ , UPGRADED ☐   
IN ACCORDANCE WITH TITLE 14 OF THE  
CODE OF FED. REG. (CFR), MANUFACTURE'S  
PROCESS SPEC. AND TYPE DESIGN DATA  
AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR OR  
MAINTENANCE ARE CONTAINED ON WORK  
ORDER # 927442B WHICH IS ATTACHED  
TO THIS MAINTENANCE RELEASE TAG AND IS  
ALSO ON FILE AT THIS FACILITY.

DATE : 08/17/99

SIGNED : Ronald J. Maynard  
(SIGNATURE OF AUTHORIZED INDIVIDUAL)

THE NEW PIPER AIRCRAFT, INC.  
2926 PIPER DRIVE  
VERO BEACH, FL. 32961  
MMF NO. 321-10  
124-37 (6-92)

Registration No. \_\_\_\_\_

Maintenance

Country

01

4

Qty: 5

U/M: EA

Location: 3-30

Warehouse To: 300

Date: 05/04/01

OP ID Larryo

REPLACED A/C COMPRESSOR DISCHARGE HOSE  
P/N 566-342 . EVACUATED SYSTEM . SERVICED  
WITH 2.5 LBS. R134a .

I certify that the article described above is airworthy  
with respect to the work performed.

WIO#: 420743 Date: 5/18/01

Signature: M. Matus

RM-8 Ronson Aviation, Inc. CRS EHHR538D

W.O. # 420743

Total To  
Carry Forward

566-342  
HOSE ASSY A9021-2 AIR CONDITI NER



Note:

Repl #:  
(R) 23494



# MAINTENANCE RELEASE

APPLIANCE IDENTIFIED HEREIN WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. 10H761R

OVERHAULED ☒ REPAIRED ☐ FUNCTIONAL TEST ONLY  
NAME ATTITUDE GYRO SERIAL NO. 10A0008G  
T NO. RCA26BK-6 (548-365) MFG. R.C. ALLEN

SIGNED Shirley J. Medley DATE 10-06-00

CERTIFICATE # 2418187

R. C. ALLEN INSTRUMENTS  
CERTIFIED REPAIR STATION LL2R982K  
535 S. TOPEKA WICHITA, KANSAS 67202

Maintenance

*cop. lot gyro  
factory exchange  
holder, Replace  
rad cycle gen  
Replace engine*

*Several times to purge system  
induction air filter as per AD 84-26-02, next due  
956.0. Replace left main tire, regrease bearings  
Reposition rubbing bottle in engine compartment.*

C & W AERO SERVICES, INC. CRS MX1R208K  
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR  
APPLIANCE WAS REPAIRED AND INSPECTED IN  
ACCORDANCE WITH CURRENT REGULATIONS OF THE  
F.A.A. AND IS APPROVED FOR RETURN TO SERVICE.  
DETAILS OF THIS REPAIR ARE ON FILE UNDER WORK

Total To  
Carry Forward

ORDER NO. 13619 DATE 12, 20 00

SIGNED Mike Murphy

Registration No. \_\_\_\_\_

and Remarks

Signature

Certificate No.

Date: 02/22/01

Hobbs: 480.6

TTAF: 480.6

Aircraft Log

PA32R-301

N146DB

Aircraft SN: 3257100

In service date 7/20/99

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

De-fueled aircraft, replaced Left inboard fuel sender PN 486-466, removed SN 1137 and installed SN 1377. Refueled system, calibrated fuel system and painted units to match aircraft, installation IAW Piper Maintenance Manual. Set servo & mixture. Operation checked satisfactory. WO #12794

Signature

John H. Fla ECWR470D  
Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (561) 562-9257

## AIRCRAFT LOG



GROUP, INC.  
3256 Capital Circle S.W. • Tallahassee, FL 32310 • 850/576-3515

N146DB

1.4/

312.4

ACTT=312.4 Replaced VRV filter. Replaced storm  
Replaced LH main gear actuator.  
Wiring to manifold pressure gauge.  
Testing ELT.

Tires: 6/01  
dated

PART NAME: \_\_\_\_\_  
PART MODEL: Cylinder  
PART MFR: N/A  
PART NUMBER: Parker Hannifin  
PART PAC NUMBER: SFA232-5  
PART SERIAL NO: 455-994  
N/A

THE AIRCRAFT COMPONENT IDENTIFIED  
ABOVE WAS INSPECTED ☐, TESTED ☐,  
REPAIRED ☐, OVERHAULED ☒, REBUILT ☐,  
MODIFIED ☐, UPGRADED ☐  
IN ACCORDANCE WITH TITLE 14 OF THE  
CODE OF FED. REG. (CFR), MANUFACTURE'S  
PROCESS SPEC. AND TYPE DESIGN DATA  
AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR OR  
MAINTENANCE ARE CONTAINED ON WORK  
ORDER # 928217B WHICH IS ATTACHED  
TO THIS MAINTENANCE RELEASE TAG AND IS  
ALSO ON FILE AT THIS FACILITY.

DATE: 06/06/00

SIGNED: Ronald J. Maynard  
Signature of Authorized Individual

THE NEW PIPER AIRCRAFT, INC.

2923 PIPER DRIVE

VERO BEACH, FL. 32961

124-37 (6-92)

MMF NO. 321-10

Registration No. \_\_\_\_\_

and Remarks

Signature

Certificate No.

N146DB  
PA32-301T



GROUP, INC.  
3256 Capital Circle S.W. • Tallahassee, FL 32310 • 850/576-3515

10-16-2000  
Hobbs 409.2

Serviced tires, brakes and brake res. Inspected battery, hyd.  
res. and lights. -----END-----

James J. Brown  
A&P 261657041.

*James J. Brown*

Total To  
Carry Forward

Registration No.





# FLIGHTLINE

GROUP, INC.

3256 Capital Circle S.W. • Tallahassee, FL 32310 • 850/576-3515

08NOV99

N146DB  
Hobbs-113.8

Replaced fuel Boost Pump with new unit.Ops.ck.good.

*Fred W. Davis*

Fred W. Davis  
A&P 266199518



Aircraft Registration: N146DB

Aircraft Total Time:0144.9(H)

Removed defective #1 GNS-430 P/N 011-00280-00 S/N 96300984.  
Installed & Setup Factory Loaner Unit S/N 96305258. Ground tests  
Good.

### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order Number 21328 Date:10DEC99

Signature *WS* For

Capital Avionics, Inc. • 3248 Capital Circle Southwest  
Tallahassee, FL 32310 • phone (850)576-4028 • fax (850)576-7441

FAA CRS NS4R399M

Total To  
Carry Forward

Registration No. \_\_\_\_\_

and Remarks

Signature

Certificate No.

Make/Model PIPER

Serial No. 32-57100

Time 290.0 HOBBS



Reg. No. N146DB

Date 6-15-00

### Log Book Entry

REMOVED NOSE WHEEL ASSEMBLY, INSTALLED NEW INNER WHEEL HALF ASSEMBLY P/N 40-770  
AND REINSTALLED NOSE TIRE IN ACCORDANCE WITH PIPER MAINTENANCE MANUAL. END

Work Order 16266

Authorized Signature

*John A. Miller*

F.A.A. Certified Repair Station WD4R618M

**Banyan Air Service**

1575 W. Commercial Blvd. Ft. Lauderdale, Fla 33309 954-491-3170 Fax 954-491-1612



Aircraft Registration: N146DB

Aircraft Total Time:0070.1(H)

Removed loaner #1 Garmin GNS-430 P/N 011-00280-00 S/N 96300424  
And installed repaired original unit S/N 96300984.

Removed Loaner #2 Garmin GNS-430 P/N 011-00280-00 S/N 96300161  
And installed repaired original unit S/N 96301108.

Both COM, VOR/ILS, GPS, and DME functions ramp test good.

#### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order Number 20805 Date:15SEP99

Signature WSC For

Capital Avionics, Inc. \* 3248 Capital Circle Southwest  
Tallahassee, FL 32310 \* phone (850)575-4028 \* fax (850)575-7441

FAA CRS NS4R399M

Date

This Date

Aircraft Time

Total

Recorder  
Reading

Maintenance

AIRCRAFT LOG



Aircraft Registration: N146DB

Aircraft Total Time:0078.6(H)

Reinstalled repaired DME system and ramp tests good.  
S-TEC DME R/T TCR-451 P/N 622-3670-001 S/N 15302  
S-TEC DME Indicator IND-450 P/N 690111P S/N 10114

#### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order Number 20826 Date:10SEP99

Signature WSC For

Capital Avionics, Inc. \* 3248 Capital Circle Southwest  
Tallahassee, FL 32310 \* phone (850)575-4028 \* fax (850)575-7441

FAA CRS NS4R399M



Aircraft Registration: N146DB

Aircraft Total Time:0083.5(H)

R&R'ed S-TEC P/N 6444 Remote Directional Gyro and Taxi checks  
Good. S/N on : 584 S/N off : 463.

#### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order Number 20886 Date:24SEP99

Signature WSC For

Capital Avionics, Inc. \* 3248 Capital Circle Southwest  
Tallahassee, FL 32310 \* phone (850)575-4028 \* fax (850)575-7441

FAA CRS NS4R399M

and Remarks

Registration No.



Aircraft Registration: N146DB

Aircraft Total Time:0083.5(H)

Troubleshoot inoperative DME NAV 1 channelling to defective wiring  
Behind CPLT instrument panel. Replaced Piper P/N 588-797 connector  
Pins to J601 #1 GNS-430/TCR-451, NAV 1 DME channelling interface  
Connector. Reconfigured Aircraft for flight. DME Ramp tests good.

#### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order Number 20885 Date:27SEP99

Signature WSC For

Capital Avionics, Inc. \* 3248 Capital Circle Southwest  
Tallahassee, FL 32310 \* phone (850)575-4028 \* fax (850)575-7441

FAA CRS NS4R399M

Signature

Certificate No.



**Aircraft Registration: N146DB** **Aircraft Total Time:(H)0054.7**  
Found #1 GPS inaccurate, #1 VOR/ILS INOP. Swapped Unit into #2  
Position. Placard panel " #2 GPS, VOR, & ILS INOP." Original positions :  
#1 Garmin GNS-430 P/N 011-00280-00 S/N 96300984  
#2 Garmin GNS-430 P/N 011-00280-00 S/N 96301108

#### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under **Work Order Number 20805** Date: 27AUG99

Signature WSV For  
**Capital Avionics, Inc. \* 3248 Capital Circle Southwest**  
**Tallahassee, FL 32310 \* phone (850)575-4028 \* fax (850)575-7441**  
**FAA CRS NS4R399M**



**Aircraft Registration: N146DB** **Aircraft Total Time:0057.9(H)**  
Found #1 COM INOP on XMIT. Removed #1 GNS-430 P/N 011-00280-00 S/N 96300984 and installed Loaner unit same P/N, S/N 96300424.  
Removed #2 GNS-430 P/N 011-00280-00 S/N 96301108 and installed Loaner unit same P/N, S/N 96300161. Both COMs, GPS, VOR, ILS & DME Ramp test good. Removed "GPS,VOR & ILS INOP" placard.

#### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under **Work Order Number 20805** Date: 31AUG99

Signature WSV For  
**Capital Avionics, Inc. \* 3248 Capital Circle Southwest**  
**Tallahassee, FL 32310 \* phone (850)575-4028 \* fax (850)575-7441**  
**FAA CRS NS4R399M**



**Aircraft Registration: N146DB** **Aircraft Total Time: 0060.0(H)**

Removed S-TEC DME System for repair and secured wiring for flight.  
Placard panel "DME INOP."

S-TEC DME Indicator P/N 690111-P S/N 10114 (IND-450)  
S-TEC DME R/T P/N 690109- S/N 15302 (TCR-451)

#### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under **Work Order Number 20826** Date: 1SEP99

Signature WSV For  
**Capital Avionics, Inc. \* 3248 Capital Circle Southwest**  
**Tallahassee, FL 32310 \* phone (850)575-4028 \* fax (850)575-7441**  
**FAA CRS NS4R399M**



**Aircraft Registration: N146DB** **Aircraft Total Time: 0061.8(H)**

R&R'ed Garmin GTX-320 Transponder P/N 011-00259-10. Ramp tests Good IAW FAR 91.413. Found to C/W FAR 43, app. F.  
S/N on : 83500877 S/N off : 83500315.

#### MAINTENANCE RELEASE

The aircraft identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under **Work Order Number 20830** Date: 3SEP99

Signature WSV For  
**Capital Avionics, Inc. \* 3248 Capital Circle Southwest**  
**Tallahassee, FL 32310 \* phone (850)575-4028 \* fax (850)575-7441**  
**FAA CRS NS4R399M**

Aircraft Time

Recorder

AIRCRAFT LOG

and Remarks

Registration No.

Signature

Certificate No.

# AIRCRAFT LOG

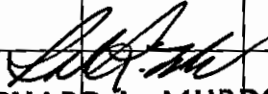
Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
JUL 15 1999	Brought Forward →	6.5		<p>I HAVE INSPECTED THIS AIRCRAFT AND ISSUED A STANDARD AIRWORTHINESS CERTIFICATE DATED <u>JUL 15 1999</u>, I/A/W FAR 21.183(g) PER 21.273.</p> <p><u>[Signature]</u> FAA DOA SO-1</p> <p><b>RICHARD L. MURDOCK</b></p> <p>THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR PART 91.411 HAVE BEEN PERFORMED. THE ALTIMETER(S) HAVE BEEN TESTED TO <u>20,000</u> FT. ON/UNTIL <u>5/27/99</u> (PI) <u>5/27/99</u></p> <p>SIGNED <u>[Signature]</u> DATE <u>JUL 15 1999</u></p> <p><b>RICHARD L. MURDOCK</b></p> <div style="border: 1px solid black; padding: 5px;"> <p>The ELT is installed per FAR 91.207. Battery replacement date <u>6/2001</u></p> <p><u>[Signature]</u></p> <p>D.O.A. No. SO-1</p> <p>The New Piper Aircraft, Inc.</p> <p><b>RICHARD L. MURDOCK</b></p> </div>
Total To Carry Forward		6.5		

Registration No. N146DB

and Remarks	Signature	Certificate No.
<div style="border: 1px solid black; padding: 10px;"> <p>The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.</p> <p>ATC Transponder:</p> <p>1. Make <u>GARMIN</u> Model <u>GTX-320</u> S/N <u>83500315</u></p> <p>2. Make <u>N/A</u> Model <u>N/A</u> S/N <u>N/A</u></p> <p>Details of this inspection are on file at this facility under S/N <u>3257100</u> Date <u>6/22/99</u></p> <p>Q.A. Inspector <u>[Signature]</u></p> <p>THE NEW PIPER AIRCRAFT, INC. VERO BEACH, FLORIDA</p> <p><b>RICHARD L. MURDOCK</b></p> </div>		
<p>THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TEST REQUIRED BY FAR PART 91.217 HAVE BEEN PERFORMED THIS DATE: <u>6/22/99</u> SIGNED <u>[Signature]</u></p> <p><b>RICHARD L. MURDOCK</b></p>		



## COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
AD'S THRU	99-13 COMPLY	6.5	JUL 15 1999	DDA SO-1
AD 04-14-12	C/W PART I & PART II	810.6	10-20-04	 RICHARD L. MURDOCK Jimmy Cef PA2758068

# AIRCRAFT DESCRIPTION

Registration No. N146DB

Model: PA-32R-301T Popular Name: SARATOGA II TC

Serial No.: 3257100 Type Certificate No.: A350

Colors: WHITE / GARNET RED MET & GARNET RED MET / MED GOLD MET

Engine Manufacturer: LYCOMING Serial Numbers: Single L-10241-61A

Original Engine Model: TIO-540-AHIA Left RL-11104-61A

Right \_\_\_\_\_

Propeller Manufacturer: HARTZELL Hub or Serial Number: Single HK432A

Original Propeller Model: HC-I34R-1RF Left \_\_\_\_\_

Right \_\_\_\_\_

Blade Numbers

Left

Right

J27883

J27884

J27882

1999 MODEL