

LOG BOOK ENTRY _____

E.L.T. BATTERY _____

REPLACEMENT DATE

APRIL 2018

AIRCRAFT LOG



Piper

The Piper logo features a stylized triangle above the brand name. The triangle is split vertically, with the left half being red and the right half being blue. The word "Piper" is written in a bold, italicized, black sans-serif font.

AIRCRAFT DESCRIPTION

Registration No. N 3025N

Model: PA-32RT-300T Popular Name: Turbo Lance II

Serial No.: 32R-7987100 Type Certificate No.: _____

Colors: _____

Engine Manufacturer: Lycoming Serial Numbers: Single L-6118-61A

Original Engine Model: TIO540-S1AD Left _____

Right _____

Propeller Manufacturer: Hartzell Hub or Serial Number: Single _____

Original Propeller Model: _____ Left _____

Current Model HC-E34R-1 Current FM 1449 B

(1-21-04) Blade Numbers 3/N (1-21-04)

Left

Right

K 13481

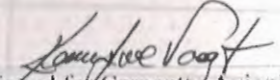
K 13480

K 14089

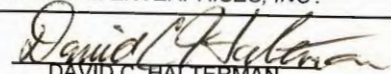
NOTICE

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


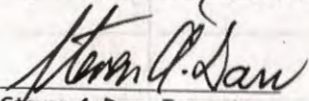
PROPELLER

Date Overhauled	Hub Serial No.	Work Done	
LOG BOOK ENTRY			
12-2-04	N3025N	PA32RT-300T	S/N 32R-7987100
<p>I certify that the ATC #1 Transponder Garmin GTX-330, P/N 011-00455-00, S/N 84111585 has been tested, inspected and found to comply with Appendix F of FAR 43.</p> <p>This aircraft or component has been inspected and work described above found airworthy for return to service.</p>			
12-2-04 Date	 Signed for Carpenter Avionics, Inc. Repair Station RH4R492M		


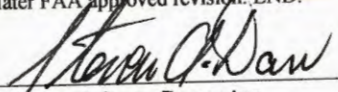
OVERHAULS

Work Done By	Certificate No.	Returned to Service		
		By	Certificate No.	Date
<p>DATE 12/2/04 N3025N S/N PA32R-7987100 HOBBS 2149.25</p> <p>INSTALLED NEW GNS530, GMA340, GTX330, EX500MFD WITH CI177-4 ANTENNA, XM WEATHER ANTENNA, COPILOTS ELECTRIC HORIZON, CENTURY NSD360A COMPASS SYSTEM. RELOCATED THE DG FROM THE PILOTS TO THE COPILOTS PANEL. REWIRED THE GNS430 TO THE CI106A CDI AS THE #2 SYSTEM UNITS OPS CHECKS GOOD. GNS530 AND 430 IS APPROVED FOR VFR, IFR ENROUTE, TERMINAL AREA, AND NON-PRECISION APPROACHES. REPLACED PILOTS CLOCK WITH NEW DIGITAL LC-2 CLOCK. REPLACED THE RADIO COUPLER 1C388 WITH NEW 1C388-2. INSTALLED 12V TO 28V INVERTER FOR THE EX500. INSTALLED A COPILOT ALTIMETER AND VSI. PLEASE SEE W/O 2178 AND 337S FOR MORE DETAILS. SEE ICA FOR RADIO PACKAGE.</p> <p>I CERTIFY THE ABOVE WORK IS AIRWORTHY FOR RETURN TO SERVICE. WORK DONE BY COLEMILL ENTERPRISES, INC.</p> <p style="text-align: right;">  DAVID C. HALTERMAN DVIR370D </p> <p style="text-align: center;">END</p>				

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
 SIGNATURE ENGINES, INC. 4204 AIRPORT ROAD CINCINNATI, OH 45226				CRS E5ZR316Y
	<u>LOGBOOK ENTRY</u>			
DATE: Dec/20/2004	Engine Model: TIO-540-S1AD	Engine S/N: L-6118-61A		W/O:E2364
TACH TIME: 2151.71	Engine removed from N3025N for major overhaul. Total time on engine is 2151.71 hours. END			
 Steven A. Darr, Inspector				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
 SIGNATURE ENGINES, INC. 4204 AIRPORT ROAD CINCINNATI, OH 45226		CRS E5ZR316Y
DATE: Jan/21/2004	<u>LOGBOOK ENTRY</u>	W/O:E2364
N: 3025N	TACH TIME: 2151.71	
Installation of Hartzell HC-E3YR-10/F7673DR-0 three blade propeller on a Lycoming TIO-540-S1AD engine in accordance with supplemental type certificate SA3181NM ACD Corporation installation instruction no. 18002, dated May 30, 1985, on later FAA approved revision. END.		
 Steven A. Darr, Inspector		

AIRCRAFT LOG

Date	Aircraft Time	Recorder	Maintenance																								
<p><i>Signature</i> ENGINES, INC. 4204 Airport Road 513-871-9966 Cincinnati, Ohio 45226</p>																											
<p>DATE: Jan/21/2005 MODEL:TIO-540-S1AD S/N: L-6118-61A W.O. #E2364 T.S.M.O.H. O.O HR TACH TIME: TOTAL TIME ENGINE: 2151.71 Hours</p>																											
<p>THIS ENGINE HAS BEEN INSTALLED IN AIRCRAFT N3025N WITH THE FOLLOWING PARTS AND ACCESSORIES:</p> <table border="0"> <tr> <td>6 Factory New Cylinders</td> <td>4 Set of Engine Mounts</td> <td>Wastegate</td> <td>Crankcase Exchange</td> </tr> <tr> <td>1 Dual Magneto</td> <td>1 Fuel Pump</td> <td>Exhaust System</td> <td>Mount Heat Shields</td> </tr> <tr> <td>1 Harness</td> <td>1 Prop Governor</td> <td>1 Starter</td> <td></td> </tr> <tr> <td>1 Set of Spark Plugs</td> <td>1 Relief Valve</td> <td>Flex Fuel & Oil Lines</td> <td></td> </tr> <tr> <td>1 Fuel Injection</td> <td>1 Alternator</td> <td>Factory New Camshaft</td> <td></td> </tr> <tr> <td>1 Turbocharger</td> <td>1 Vacuum Pump</td> <td>New Three Bladed Prop</td> <td></td> </tr> </table>				6 Factory New Cylinders	4 Set of Engine Mounts	Wastegate	Crankcase Exchange	1 Dual Magneto	1 Fuel Pump	Exhaust System	Mount Heat Shields	1 Harness	1 Prop Governor	1 Starter		1 Set of Spark Plugs	1 Relief Valve	Flex Fuel & Oil Lines		1 Fuel Injection	1 Alternator	Factory New Camshaft		1 Turbocharger	1 Vacuum Pump	New Three Bladed Prop	
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1 Fuel Injection	1 Alternator	Factory New Camshaft																									
1 Turbocharger	1 Vacuum Pump	New Three Bladed Prop																									
<p>ALL MAINTENANCE RELEASE TAGS ARE IN FOLDER IN BACK OF THESE RECORDS.</p>																											
<p><i>Steven A. Darr</i> STEVEN A. DARR INSPECTOR</p>																											

Registration No. _____

and Remarks	Signature	Certificate No.
<p><i>Signature</i> SIGNATURE ENGINES, INC. 4204 AIRPORT ROAD CINCINNATI, OH 45226</p>		
<p>DATE: Feb /02/2005 N: 3025N <u>LOGBOOK ENTRY</u> W/O:E2364</p>		
<p>Removed tach with reading time of 2152.70 and installed new P/N 01-112-5023 S/N 23655 with reading of 000.0 END.</p>		
<p><i>Steven A. Darr</i> Steven A. Darr, Inspector</p>		
<p>CRS E5ZR316Y</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

FLORIDA AERO SERVICES INC.
 3005 AIRSIDE CENTER DRIVE LAKELAND FLORIDA 33811
 PHONE (863) 644-6275 FAX (863) 648-0979

MODEL: TIO-540-SIAD
 S/N: L-6118-61A
 REG.: N3025N

DATE: March 9, 2006
 Tach: 229.5

1. Drained oil, changed filter and serviced with 12 quarts Phillips 66 SAE20W-50 X/C oil.
2. Cut filter and checked for contaminants and none found.
3. Washed engine, ran up and checked for leaks.

Regino Medina
 Regino Medina A&P5842587101A

Registration No. _____

and Remarks	Signature	Certificate No.

FLORIDA AERO SERVICES INC.
 3005 AIRSIDE CENTER DRIVE LAKELAND FLORIDA 33811
 PHONE (863) 644-6275 FAX (863) 648-0979

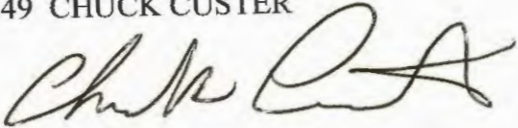
MODEL: PA-32RT-300T
 S/N: 32R-7987100
 REG.: N3025N

DATE: March 9, 2006
 Tach: 229.5

1. Replaced #2 EGT probe with new probe P/N P-110. Ops check good.

Regino Medina
 Regino Medina A&P5842587101A

AIRCRAFT LOG

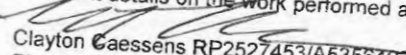
Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought Forward →	06-09-07	N3025	PIPER TACH 333.8	
			REMOVE LEFT HYD CYL ON LANDING GEAR & RESEAL, REINSTALL AND TEST FOR LEAKS, REPLACE FRONT TIRE WITH GOODYEAR FLT CUSTOM 111 A&P 3020849 CHUCK CUSTER	
				
Total To Carry Forward				

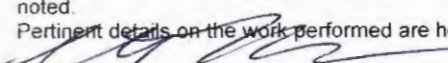
Registration No. _____



Signature

Certificate No.

Date: 10/31/2007; Aircraft: N3025N; Type: PA32RT-300T; S/N: 32R-7987100; Hobbs: 0.00; Tach: 359.60; Total Time: 359.60
 Installed the activation software for the CMAX chart system on the Avidyne EX-500 part# 700-00007-001, Serial# 20791195. Performed operational ground checks, no problems were noted.
 Pertinent details on the work performed are held at this Repair station under our WO# 7142

 Clayton Caessens RP2527453/A535649385
 Blue Angel Aviation, FAA CRS B4UR140N

Date: 11/21/2006; Aircraft: N3025N; Type: PA32RT-300T; S/N: 32R-7987100; Hobbs: 0.00; Tach: 304.40; Total Time: 304.40
 Confirmed the problem. Removed the Avidyne EX 500 MFD from the aircraft:
 Manufacturer: Avidyne, Model: EX 500, Primary Part#: 700-00007-001, serial#: 20450404. Installed an exchange EX 500, P#: 700-00007-001, S#: 20791195, which was REBUILT by Avidyne, on 11/16/2006 under their WO: RA23041. Configured the EX500 to currently installed equipment. Performed operational ground checks, no problems were noted.
 Pertinent details on the work performed are held at this Repair station under our WO# 6373

 Clayton Caessens RP2527453/A535649385
 Blue Angel Aviation, FAA CRS B4UR140N

AIRCRAFT LOG

Dixie Jet Services
15200 Airport rd
Oxford, GA 30054

REG: N3025N

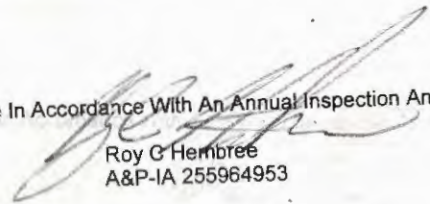
DATE: JAN-25-2008

TACH: 387.4

TTAF: 2781.01

Opened all panels for inspection per PIPER M/M
Installed new Artex ME406 ELT P/N 455-6605 Rev H per manual 570-1600 Rev D
ELT checked per 91.207 (d) battery good to MAY-2010.
Installed new cowling insulation P/N 189-446.
Reinstalled ailmeters after overhaul P/N 5934 and 101720-01354.
Repaired bad hose going to encoder from wing static port.
Serviced nose and main struts.
Serviced hydraulic system.
Serviced aircraft battery.
CWAD 78-23-01

I Certify That I Have Inspected This Airframe In Accordance With An Annual Inspection And Found It To Be In Airworthy Condition.


Roy G Hembree
A&P-IA 255964953

Total To
Carry Forward



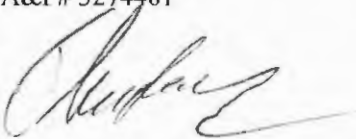
Maintenance

Registration No. _____

and Remarks	Signature	Certificate No.
THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY F.A.R PART 91.411 HAS BEEN PERFORMED THIS DATE <u>24 JAN 08</u> ALTIMETER TESTED IN COMPLIANCE WITH APPENDIX E PART 43 TO <u>2000</u> FEET. DATE <u>24 JAN 08</u> STATIC SYSTEM CHECK PERFORMED BY RAY ALLEN'S ELECTRONICS, INC. BUTLER, GA. F.A.A.R/S #HS4R243M <u>BOTH ALT - OVT BY RAY INST.</u> SIGNED <u>R Allen</u> DATE <u>24 JAN 08</u>		
DATE <u>24 JAN 08</u> I CERTIFY THIS ATC TRANSPONDER (MAKE) <u>GARMIN</u> (MODEL) <u>ETA-330</u> (SERIAL#) <u> </u> HAS BEEN TESTED, INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF F.A.R. 43 AND PART 91.413 F.A.A. R/S#HS4R243M SIGNED <u>R Allen</u> DATE <u>24 JAN 08</u> TESTS PERFORMED BY RAY ALLEN'S ELECTRONICS, INC. BUTLER, GA.		

AIRCRAFT LOG

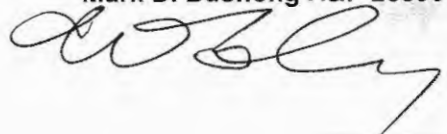
DATE: 06/05/2009 **TACH:** 529.0 **N:** 3025N **MODEL:** PA-32-RT-300T **S/N:** 32R-7987100 **TT:** 2922.61
ENGINE MODEL: TIO540-S2AD **S/N:** L-6118-61A **TT:** 529.0 **SMOH:** 0.0
PROPELLER MODEL: HC-E3YR-1RF **S/N:** FM1488B **TT:** 50.0

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought			
<p>Date: 6-5-2009 Tach: 0529.0 Reg. No.: N3025N A/C Model: PA-32RT-300T A/C S/N: 32R-7987100 Eng. Model: TIO-540-S1AD Eng. S/N: L-6118-61A E.T.T: 2922.61</p>				
<p>Engine and propeller installation completed this date for the purpose of a basic engine overhaul. Propeller overhauled by Hartzell Service Center R.O# 28789. Engine serviced with 12 quarts Aeroshell 100 Plus oil. Engine installed with modified camshaft per STC SA01435LA (FAA form 337 filed this date). New Turbo Plus Intercooler STC SA2935NM installed (FAA form 337 filed this date). Aircraft and engine test flight, functional and leak check satisfactory. For complete details concerning this install refer to W.O# 8526 at this overhaul facility.</p>				
Thomas E Harvey A&P# 3274481		The New Firewall Forward Loveland CO. 80538		
				
Total To Carry Forward				

Completed **annual** inspection this date. All aircraft systems and controls inspected IAW FAR 43 App. D and checklist. Lubricated all controls, serviced brake reservoirs and tires. Checked all lights for operation. Replaced both bearing and race sets in nose gear. Replaced bushing in nose landing gear. Cleaned, inspected and lubed nose landing gear assembly. Replaced right main outboard wheel bearing and race. Removed landing gear back-up gear extender actuator assembly, disassembled, cleaned, replaced all seals, reassembled and reinstalled, ops checked satisfactory. Removed and replaced left wing lower attach bolts with new hardware. Added washer and tightened nut on left and right flap aft rod ends and resafetied. Adjusted aileron carry through cable to proper tension. Adjusted stabilator control cable to proper tension. Removed both left and right main gear truss bracket assemblies, disassemble, cleaned and inspected, tightened nut on both pivot bushings, reassembled and reinstalled. Replaced bad nose landing gear uplock switch butt splice with new unit, ops checked satisfactory. Removed pitch tab counter weight assembly, replaced with new weight, confirmed stabilator balance IAW L-6118 II service manual, table IV - II. Removed battery box corrosion and painted. C/W **AD 78-23-01** by visual and physical inspection of fuel drain assembly IAW para (b). C/W **FAR 91.207** by inspection and operational check of ELT. AD's researched through 2009-08.

I certify that this **aircraft** has been inspected in accordance with an **annual** inspection and a list of discrepancies and unairworthy items dated 06/05/2009 has been provided for the aircraft owner or operator.

BOB GATES AIRCRAFT MAINTENANCE, INC.
 5235 Gulf Stream Ct.
 Loveland, CO 80538
 970-461-9999

Mark D. Bushong A&P 2689010IA


6/5/2009

Discrepancy list following an annual inspection of N3025N, a Piper PA32R-300T Serial Number: 32R7987100, supplied to Steve Mitchell this date.

1. Step part number 68014-00 is ground off and need replaced.
2. LoPresti flap hinge fairings at left middle aft, left inboard forward and aft, and right inboard forward and aft positions are missing and need replaced to comply with the STC.
3. Right lower cowl attach strip part number 68290-09 is damaged and needs replaced.
4. Plastic covers over wing attach bolts part numbers, 63942-00, and 63942-01, are missing or damaged and need replaced.
5. Sheet metal damage around nose wheel well needs repaired.
6. Right inboard fuel tank has seep at rivet on top of tank which needs to be sealed.
7. Belly rib channels ground off and need replaced.
8. Tail tie down bent, fairing and tie down bulkhead distorted and need replaced or repaired.

Mark Bushong A&P IA# 2689010



Registration No. _____

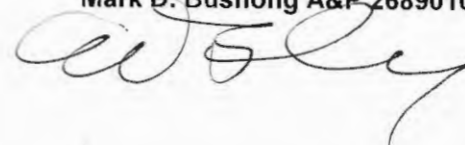
and Remarks	Signature	Certificate No.
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DATE: 06/12/2009 **TACH:** 529.0 **N:** 3025N **MODEL:** PA-32-RT-300T **S/N:** 32R-7987100 **TT:** 2922.61
ENGINE MODEL: TIO540-S2AD **S/N:** L-6118-61A **TT:** 529.0 **SMOH:** 0.0
PROPELLER MODEL: HC-E3YR-1RF **S/N:** FM1488B **TT:** 50.0

This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit dated June 12, 2009.

BOB GATES AIRCRAFT MAINTENANCE, INC.
5235 Gulf Stream Court
Loveland, CO 80538
970-461-9999

Mark D. Bushong A&P 2689010IA



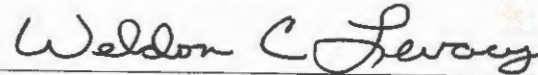
6-23-09 Piper PA-32RT-300T S/N 32R-7987100 N3025N Tach:532.7

Installed Century Flight Systems Inc. STC # SA838SW, a Mitchell Glide Slope Coupler, Model 1C493, according to Bulletin No. 366, dated September 18, 1967, to existing Altimatec IIIC autopilot system. Negligible change in the Weight and Balance.

Autopilots Central, Inc.

CM2R747K W.O. AV09-02981

Authorized Signature: _____





Autopilots Central, Inc.

Harwar 23, Tulsa International Airport - Tulsa, OK 74115
P.O. Box 582108 - Tulsa, OK 74158
(918)836-6418 - Fax (918)832-0136
FAA CRS CM2R747K
Logbook Entry

Sold To: C.T.Prop 755 Grand Blvd. B105-224 Miramar Beach, FL 32550	Work Order: AV09-02981 Acct Number: (850)685-0506 Department: Autopilot	Opened: 6/17/2009 Closed: 7/02/2009
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General Comments:

Owner is Steve Mitchell.

Aircraft Number: N3025N	Type: PIPER PA32RT300T	S/N: 32R-7987100
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Total Time:	Hobbs Time:	Tach Time:	532.6	LG Cycles:
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Discrepancy: 1**Action Taken:**

Ground test - Removed radio coupler, roll servo, pitch servo, trim servo and altitude hold for bench check.

Discrepancy: 2**Action Taken:**

PRELIMINARY INSPECTION FINDINGS: Identified aircraft antennas and coax. Concluded that a transponder antenna was mounted in the #1 com location on bottom of aircraft. Discovered remnants of original transponder antenna just aft of nose wheel well. Also found that coaxial cable is improper for a GTX330 transponder. Installed C1122 Com Antenna S/N 286766 for GNS530.

Part Number	Description	Credit	Quantity	Units	List Price	Disc	Unit Price	Extend
225395-1	Conn, BNC - Dual Crimp Plug		2.00	Each				\$
225396-1	Conn, BNC - Dual Crimp Jack		1.00	Each				\$
AN960-8	Washer		4.00	Each				\$
C1122	Antenna, COMM		1.00	Each				\$
MS21044N08	Nut		4.00	Each				\$
MS24693-S52	Screw, Machine -Phillips #8-32		4.00	Each				\$
RG58C/U	Coaxial Cable		3.50	Each				\$

Discrepancy: 3**Action Taken:**

Opened up floor boards and tail area to inspect cables, pulleys and trim actuator assembly. Found the forward trim cable had several broken strands in the cable at the autopilot trim servo. Found the stabilator trim barrel assembly was worn and binding.

1. Removed the trim servo p/n 1C373-6-677 and S/N 6587 for inspection.

PRELIMINARY INSPECTION: Bench tested unit and found starting voltage 3.3 to 4.25 volts, clutch torque at 48 to 30 in./lbs. (21 +/- 4 in./lbs.), needs connector and capstan.

Disassembled motor, gear train and clutch. Cleaned all parts. Lubricated gear train. Reassembled and replaced motor bearings, brushes, capstan and connector. Adjusted clutch torque to specs 25 in./lbs. Bench checked ok. Repaired, tested and calibrated using APC #2 manual as a reference.

2. Ordered new forward cable that runs from the trim wheel at the crew seats back to the tail area.

Removed old cable and installed new cable assembly. Replaced worn trim drum in primary trim system and rigged cables to specs.

3. Closed up floor boards, and tail panels removed for the above work.

Part Number	Description	Credit	Quantity	Units	List Price	Disc	Unit Price	Extend
452-626	Bearing		1.00	Each				\$
452-628	Bearing		1.00	Each				\$
49B70-1	Capstan Assy		1.00	Each				\$
4A954-1	Brushes		2.00	Each				\$
62701-183	Control Cable		1.00	Each				\$
	Freight		1.00					\$
78925-003	Barrel		1.00	Each				\$
	Freight		1.00					\$
9S86	4 Ctct Recep		1.00	Each				\$

Work Order: AV09-02981

und Remarks

Registration No. _____

Date 6-18-09 Time

Propeller dynamically balanced to 0.08 IPS

1 in. aft maintenance 1192

Inspector

Felkins Aircraft Ltd

2860 N Sheridan Rd, Tulsa, Oklahoma 74115

918-691-5637

AP2666760

Certificate No.

PIPER N3025N

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought Forward →				

Priority Aviation, Inc.

133 Polk 52 Mena, AR 71953

www.priorityaviation.com

PA32RT-300T N3025N S/N22-8316082

Aircraft was stripped, prepped, primed and painted by **AOG Paint Services**
479-394-5575.

Base: Jet-Glo Matterhorn White #570-535

Trim: Dark Blue Metallic #10596A, Cobalt Blue #10593A, Las Vegas Gold #10494A

All required flight controls were checked for balance in accordance with Piper Maintenance Manual.

-----END-----

Nathan Cline  A/P# 2960786 09-22-2009

Total To Carry Forward				
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Registration No. _____

and Remarks

Signature

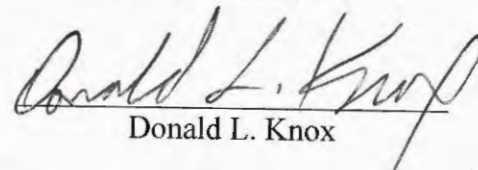
Certificate No.

Northwest Arkansas Avionics Inc. – P.O. Box 378 - 104 Airport Lane
Mena Arkansas 71953 - CRS # QNBR706X – Ph. 479-394-4061

Reg: N3025^N Make: PIPER Model: PA-32RT-300T Serial: 32R-7987100 Work order #0822

Date: SEPT. 24, 2009

WE REMOVED THE EX500, GNS530W, GII106A, HEADSUP TECH. XMD076-01, AND CI420-1 ANTENNA. We INSTALLED A SL30 WITH A KI209 AS THE #2 NAV/COM AND A GA55 XM ANTENNA IN PLACE OF THE CI420-1 ANTENNA. WE UPGRADED THE GNS430 TO WAAS MOVING IT TO THE #1 POSITION USING THE WIRING PROVISION FROM THE REMOVED GNS530W. See 337 dated this date. We updated weight and Balance. The above was performed and inspected in accordance with Current Regulations of the Federal Aviation Administration and is approved for return to Service.


Donald L. Knox

AIRCRAFT LOG



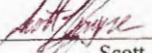
102 Aviation Lane, Mena, Arkansas 71953
 Phone: 479 394 5290 Fax: 479 394 0506
 Web: www.hamptonaviation.com

Date: September 30, 2009
 Registration: N3025N

Model: PA32RT-301

Serial Number: 32R-7987100
 Tach: 0536.3

1. Repaired belly by replacement of damaged parts (see 337 form this date for details and parts numbers).
2. Repaired nose gear door by replacement of damaged parts (see 337 form this date for details and part numbers).
3. Installed internal repair doubler on nose gear door (see 337 form this date for details).
4. Jacked aircraft and rigged aft nose gear doors.
5. Installed new transponder antennae P/N C1101.
6. Installed new speaker P/N 4C328FR.
7. Rigged elevator trim indicator in accordance with PA32RT-301 Maintenance Manual, Chapter 5.
8. Rigged rudder travel in accordance with PA32RT-301 Maintenance Manual, Chapter 5.
9. Found manifold pressure line broken. Removed rigid line P/N 67700-197 and replaced with flex hose P/N 635158S4S38.00.
10. All ground functional and leak checks good.

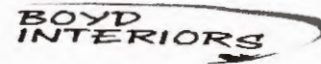
Signed:  A&P33216281A
 Scott J Payne

Total To
 Carry Forward



Registration No. _____

and Remarks	Signature	Certificate No.
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104 Airport Lane, Mena, Arkansas 71953

September 30, 2009, Piper Lance, N3025N, S/N 32R-7987100, W/O 1100

1. The existing Carpet was replaced with Airabode Arctic Blue.
2. Replaced Pilot window W/G-2282 and Rear Cabin Door W/G-2135-I.H from Great Lakes Aero.
3. All work performed by Boyd Interiors IAW current FAA regulations and applicable sections of FAR 25.853(a) Appendix F Part I (a)(1)(ii).
4. Weight and Balance change was negligible.

FAA Certificate Number 3329279



Brian Dickerson

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			



N3025N
S/N 32R-7987100

ACTT _____
TACH 0538.8

October 2, 2009

All maintenance performed in accordance with applicable sections of manufacturer's maintenance manuals.

Installed the following Radio Equipment:

Garmin GDU-375 MFD P/N 011-01747-30 S/N 1LD000074

Installations were completed with reference to applicable STC's and Manufacturers Installation Manuals listed on FAA form 337, block 8, dated 10-1-2009. Post installation ground tests were performed in accordance with manufacturer's installation manuals. New Weight and Balance was computed and equipment list revised.

The Maintenance identified above has been inspected and the items are approved for return to service. Pertinent details of the repairs are on file at this Agency under Work Order Number **2782**.

Signed Marty Hammin
For COLEMILL ENTERPRISES INC. Nashville, TN 37206 CRS DVIR370D

Registration No. _____

and Remarks	Signature	Certificate No.
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BOYD INTERIORS

104 Airport Lane, Mena, Arkansas 71953
PH: 479-243-0151 Fax: 479-243-0355

Piper Lance PA-32-RT-300T S/N 32R-7987100 N3025N
04/19/10 HOBBS 0614.6 ANNUAL Inspection

1. Performed annual inspection IAW FAR 43 appendix D and Piper Lance maintenance manual forms as a guide.
2. Repacked all wheel bearings.
3. Performed compression check. See engine logs.
4. Changed oil and Filter.
5. Performed leak check and ground run and both are good at this time.
6. Complied with all current AD requirements.

I certify this aircraft has been inspected I/A/W an annual inspection and was determined to be in airworthy condition. Performed maintenance under the supervision of a mechanic with an IA Certification.

FAA Certificate Number 3329279 Brion Dickerson
Brion Dickerson

FAA Certificate Number A&P17695991A Melvorn L. Nelson
Melvorn L. Nelson

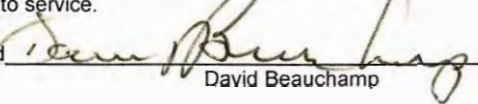
AIRCRAFT LOG

Date	This	Maintenance
Transponder Certification Merlin's Avionics Service Tel: (615) 305-1186 307 Roberta Drive Hendersonville, Tennessee 37075 FAA CRS #Z6MR586Y MAS Form #3		
Work Order No. <u>2245</u> Acft.Reg.No. <u>N3025N</u> Aircraft Type <u>LANCE</u> Txpond Position <u>#1</u> Txpond P/N# <u>6TX330</u> S/N# _____ Check Box if Mode S <input checked="" type="checkbox"/>		
I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station.		
Date <u>7-7-10</u> Signed <u>Melvin Sugitz</u>		
Total To Carry Forward		

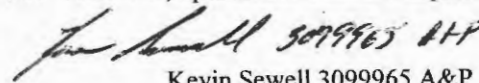
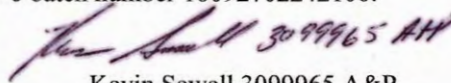
Registration No. _____

Signature	Certificate No.
MERLINS AVIONICS SERVICE 4432 Airport Road Springfield Tn. 37172 July 12, 2010	N3025N S/N 32R7987100 ACTT _____ TACH 0703.7
All maintenance performed in accordance with applicable sections of manufacturer's maintenance manuals. Installed an AV-17 Voice Annunciator S/N 102347 as a minor alteration. Installation was completed with reference to the Manufacturers Installation Manuals P/N II 0428971 and FAA AC 43.13-2A. Post installation ground tests were performed in accordance with manufacturer's installation manuals listed above. Weight and Balance change was found to be negligible and equipment list revised.	
The Maintenance identified above has been inspected and the items are approved for return to service. Pertinent details of the repairs are on file at this Agency under Work Order Number 1000 .	
Signed <u>Marty Hamrin</u> For MERLIN'S AVIONICS SERVICE. Springfield, TN 37172 CRS Z6MR586Y	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<p>Date: 9/10/2010; Aircraft: N3025N; Type: PA32RT-300T; S/N: 32R-7987100; Tach: 763.30; Total Time: 2916.00; Engine - Type: TIO-540-S1AD, S/N: L-6118-61A, Time: 234.30; Prop - Type: HC-E3YR-1, S/N: , Time: ; Work Done At - Airframe Time: 2916.00,, Engine Time: 234.30,</p>				
<p>Atlanta Executive Jet Center PO Box 490 Kennesaw, GA. 30144 770.422.4300</p>				
<p>1. Aircraft placed on jacks and retraction test performed. Ldg gear slow and will not hold gear up. Removed Hyd. power pak and installed O/Hed unit P/N HYC 5005, A/N 8594 per maintenance manual. Serviced with 5606 fluid and tested. 8 ldg gear cycles completed, 2 emergency extensions completed. Ops check of gear normal, no leaks noted.</p>				
<p>This Aircraft has been inspected and repaired using current FAR's and Maintenance Manuals and is approved for return to service.</p>				
<p>Signed  AP416740896IA David Beauchamp</p>				
<p>Total To Carry Forward</p>				

Registration No. _____

and Remarks	Signature	Certificate No.
<p>N3025N S/N: 32R-7987100 January 20, 2011 Tach: 897.6 Removed and replaced voltage regulator installed P/N: R1510L S/N: Yo0123. Removed and replaced aircraft battery P/N: RG-35A S/N: 40397123, operational checks completed with no defects noted. -End-</p>	 Kevin Sewell 3099965 A&P	
<p>N3025N S/N: 32R-7987100 December 8, 2010 Tach: 870.2 Removed and replaced right main tire P/N: 606C86-6 batch number 16092702242130. Removed and replaced left main tire P/N: 606C86-6 batch number 16092702242106. Inflated tires to 38 psi. -End-</p>	 Kevin Sewell 3099965 A&P	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

N3025N S/N: February 12, 2011
 Tach:
 Removed and replaced right main tire P/N: 606C86-6 batch number 16092702432031
 S/N: 160927. Replaced right main inner tube P/N: 092-315-0 lot number 26/10. Serviced
 tire with air to 38 psi. -End-

Kevin Sewell
 Kevin Sewell 3099965 A&P

Gann Aviation, Inc. Propeller Logbook Entry
 Date: 04-22-11 N Number: 3025N Make and Model: PA32RT-300T
 Prop Make: Hartzell Model: HC-E3YR S/N: FM1488B Tach: 1009.7
 TT: 530.70
 Completed a 100hr/annual inspection per Piper Inspection checklist. Dressed
 Propeller leading edges.
 I certify that this propeller has been inspected in accordance an **annual/100hr**
 inspection and was found to be in an airworthy condition.
 Signature: *Richard A. Cason*
 Richard Cason AP260136515IA*****END*****

Total To
 Carry Forw


Registration No. _____

and Remarks	Signature	Certificate No.
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Gann Aviation, Inc. Aircraft Logbook Entry
 Date: 04-22-11 N Number: 3025N Make and Model: PA32R-300T
 S/N: 32R-7987100 Tach: 1009.7 TT: 3403.31 ??
 Completed an annual inspection per Piper Inspection report. Inspected ME406 P/N 453-
 6603 S/N 08714 ELT per FAR 91.207(d), found satisfactory. ELT battery expires **May,**
2013. Cleaned and inspected fuel strainer bowl and screen. Pressurized exhaust system
 and checked for leaks in the cabin heat exchanger area, and found satisfactory. Jacked
 Aircraft. Performed normal gear retraction and emergency gear extension test. Operation
 of landing gear satisfactory. Cleaned, inspected, and lubricated wheel bearings. Brake
 Minimum thickness= .405, Rt=.411, Lt=.410. Installed a new Brackett BA 9005 air filter.
C/W AD 76-07-12 Amendment date August 30, 1977 "Ignition Switch" per paragraph
 (1)(a)(b) and (c), found satisfactory. Due Again at Tach: 1100.31.
 Performed AD note search and found aircraft to be in compliance with all applicable ADs
 through this date Tdata 2011-08. AD list in maintenance jacket.
 I certify that this aircraft has been inspected in accordance with an **annual inspection** and
 was found to be in an airworthy condition.
 Signature: *Richard A. Cason*
 Richard A. Cason AP260136515IA*****END*****

AIRCRAFT LOG

Registration No. _____

Aircraft Time	Recorder
<p>Star Avionics, Inc. 108 Nowlin Lane, Hangar 21 Chattanooga, TN 37421 CRS # TA4R537M (423) 499-1100 N3025N S/N: 32R-7987100</p>	
Date: July 11, 2014	Tach Time: 1229.3
<p>Performed 24 month altimeter inspection as required by FAR 91.411 on the pilot's and copilot's Baro Altimeters (P/N 5934PAD-1 S/N 3A031, P/N 5934P-3 S/N 496502) IAW FAR Part 43 Appendix E, Para (b) to 20,000ft; Altimeter tests are within specification. Performed operational check of the Pressure Static system IAW FAR 91.411 and leak inspection of the Pressure Static system IAW FAR Part 43 Appendix E, Para (a) to 2,000ft; System checked normal and is within specification. Performed 24 month IFR certification of the Garmin GTX 330 Transponder (P/N 011-00455-0 S/N 84111585) mode A and C IAW FAR 91.413; correlation to the Blind Encoder and the Pilot's Altimeter to 20,000 ft IAW FAR Part 43 Appendix E Para (c) to 20,000ft; and mode S IAW FAR Part 43 Appendix F and AC 43-6B; Transponder system checked normal and is within specification.</p>	
<p>Details are on file at Star Avionics, Inc. under W.O. # 33111.</p>	
<p> CRS# TA4R537M Jeffrey K. Miller</p>	
Total To Carry Forward	

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AIRCRAFT LOG

Star Aviation Services
108 Nowlin Lane, Hangar 21
Chattanooga, TN 37421
(423) 499-1100

N-3025N PA32RT-300T S/N 32R-7987100 8 Sept 2014
Tach Time 1229.3 TT3382.0
Engine TIO-540-S1AD S/N L-6118-61A SMOH 459.36
Prop HC-E3YR-1 R/F 7673DR S/N FM1488B SMOH 0.0

Engine removed from Engine mount to facilitate Firewall replacement due to Tailpipe Clamp Failure. Firewall removed for heat damage to lower right side. Installed Factory New Firewall Part no. 38035-016 with Steel Rivet MS20613-4P5, 4P4 and -5P6. Installed new Heat Blanket Part No. 189-446. Replaced Fairing 98582-002, 68290-003, 68290-009 Door Jam 68217-000, Clip 68290-004 and Plate (2 ea) 66789-000. sealed with DAPCO 2100 Primerless Firewall Sealant. 337 completed and filed this date. No weight & Balance change.

Engine Oil Pan Part No. LW11492SV removed for crack through intercooler attach boss area. Installed serviceable used oil pan with new Gasket Part No. 06821326. Visually Inspected for cracks, no cracks noted, Supplied Oil Pan from GANN Aviation, Inc. (See release tag No. 002442 dated 6/2/14). Painted with High Temp Paint. Installed new Intake pipe (1) LW14449 and (1) 76706 with new gaskets and seals (6) 72711. Installed new flange gaskets and serviced with 12 qts Aeroshell 15W50. Installed New Tach Cable Part No. 763-916.

Engine Mount Part No. 38020-00 s/n 153754 removed and sent to Aerospace Welding Minneapolis, Inc for repair (see 8130-3 Work Order 153754 dated 30 Aug 2013.) reinstalled Engine with New Engine Lord Mounts (2 ea) J3804-37 and (2 ea) J3804-39 and New bolts for Engine attach points (4 ea) AN7-27A and firewall attach points (4ea) AN6-25A. Installed new K98705-00 Tail Pipe S/N 232375 from Knisley Welding Inc. (See 8130-3 Tracking No. 140411-16) and New Clamp Part No. 556-108 (MVT69861-377).

Lower Engine Cowling Part No. 18008-2 removed for heat damage around right lower side, at Exhaust Tail Pipe area. Sent to Aero Glass Inc. Griffin GA for Repairs (see 8130-3 Work Order 7641, dated 08/28/2013.) Installed after repair and painted. Installed new cowling to airframe Seals Part No. 65692-003. Nose landing Gear Assembly was removed and Nose Landing Gear Strut was sent to Aerospace Turbine Rotables Inc. Wichita, KS for overhaul. (see 8130-3 Work Order WO45877 dated Nov 26 2013.) Reinstalled after Overhaul and replaced both Nose Gear Indicator Micro Switched with New (2 ea) Part No. CA67411-021 (see 8130-3 PMA Products, Liberty, NC Work Order 20630 date 03/19/14.). Installed new Spring, (2 ea) 487-483, (1) 487-484 and (1) 487-487. Installed New Down Lock Part No. 38078-002 and Arm Assy Part No. 38232-004. Repaired burnt wiring for Nose Landing Gear Switches by splicing in new wiring same size and type. Replaced Bearing Part No. 38068-002 with new. Replaced Steering Rod Boots with New (2 ea) 553-170.Cont... Page 1 of 2

Star Aviation Services
108 Nowlin Lane, Hangar 21
Chattanooga, TN 37421
(423) 499-1100

N-3025N PA32RT-300T S/N 32R-7987100 8 Sept 2014
Tach Time 1229.3 TT3382.0
Engine TIO-540-S1AD S/N L-6118-61A SMOH 459.36
Prop HC-E3YR-1 R/F 7673DR S/N FM1488B SMOH 0.0

Cont... Page 2 of 2

Nose Landing Gear Wheel was removed stripped down bead blasted and treated, and painted. Installed New Bearings (2 ea) LM67048 and (2 ea) LM67010 cups packed with fresh grease. Installed New Tube 302-0130400 and New Tire 505C66-5, 500x5 6 ply s/n 33412215 serviced with nitrogen and installed with new cotter pin. Removed and replaced primary Engine Controls, Mixture, Prop and Throttle Cables with new. Installed New Gear Warning Horn Switch follow up actuator Part No. 451-848. Replaced Heat Control Cable (1) 554-487 and Box Part No. 68919-000. Replaced Right Cowl Flap Cable with Factor New Cable Part No. PS50146-5-2. Engine Hoses removed and replaced with new hoses from GANN Aviation, Inc. Nose Gear Actuator Hyd Hose Part No. (1) 63901-09 & (1) Part No. 63901-31. Fuel Supply 63901-88, Fuel Vent 63901-105, Fuel Pressure Part No. 63901-104 and Oil Pressure Hose Part No. 63901-129. Manifold Line from fuel pump to firewall, fuel pump to intercooler. Turbo Charger Oil Supply Line and Oil Return Line & Scavenger Line. See GANN Aviation Inc Parts List/ Release form dated 7/3/14. Turbo Charger Insulation Blanket Part no. 4-652568-3, -5 and -9 replaced with new (see 8130-3 Thermal Structures Inc. CA) Installed new bypass elbow gasket (1) 17189-200N and new attach bracket Bolt (1) AN6C32A and Nut MS20500-624. Installed new tailpipe clamp 556-108. Installed new 1 1/2 inch scat and 3 inch scat on tail piper heat shield. Installed Quilted Insulation Blanket in fwd baggage compartment p/n SK-QB2 see Cert Papers (SKANDIA Doc # 12NW-278867) To replace fwd carpet on back side of firewall. Touched up paint on cowlings as needed. This aircraft returned to service for work performed. Details on file under Star Aviation Work Order M5723. *END*



Steven D. Rasor A&P 3229490 IA
For Star Aviation Services, Inc.

Star Aviation Services
108 Nowlin Lane, Hangar 21
Chattanooga, TN 37421
(423) 499-1100

N-3025N

PA32RT-300T

S/N 32R-7987100

8 Sept 2014

Tach Time 1229.3 TT3382.0

Engine TIO-540-SIAD S/N L-6118-61A SMOH 459.36
Prop HC-E3YR-1 R/F 7673DR S/N FM1488B SMOH 0.0

Performed Annual inspection IAW Lycoming, Piper PA-32 Lance II MM Part No. 761-641, Guide in Table III-1. And FAR Part 43, Appendix D—Scope and Detail Requirements. Ran Aircraft, Performed Compression Check as follows #1 76/80, #2 78/80, #3 75/80, #4 77/80, #5 77/80 #6 75/80. Drained Engine Oil and cut filter open, no metal noted at this time. Flushed oil cooler and lines. Installed new Oil Filter AA48103-2. Serviced with 12 Qts 15W50 Aeroshell. Cleaned a gapped sparkplugs and reinstalled. **Propeller** HC-E3YR-1RF/F7673DR s/n FM1488B removed for overhaul and sent to Sensenich Propeller Services, Inc. Reinstalled after overhaul (see 8130-3 Work order G18691 dated 13 June 2014) IAW Piper PA 32RT-300T and Hartzel MM. Check torque after 25 hrs operation. Installed missing copy of Piper MSB 866A in POH. Required IAW MSB 866A Method II for continued service of Auto Landing Gear Extension System.

Removed landing light lens for broken screw holes and incorrectly located LED Light assembly. Relocated LED Light Bulb assembly. And installed new FAA-PMA, LENS Part No. 18009-1 from Allied Eagles, LLC. Murrieta, CA.

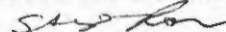
AD2013-02-13 C/W Inspected stabilator turnbuckles, cable ends and cables IAW AD2013-02-13 and Piper SB1245A. No defects noted at this time. Next due 7 years or 2000 hrs TIS.

AD76-07-12 Ignition Switch by operation check Due each 100 hrs operations.

AD 91-21-01 R1 Textron Lycoming Exhaust C/W repetitive Inspection Due each 100 hrs TIS. Par 2 (ii) Thereafter, at intervals not to exceed 100 TIS, perform exhaust system inspections specified in paragraph (a)(2)(i) and (a)(2)(ii) of this AD. Operators need to determine the minimum engagement of only exhaust pipes LW-16102 and LW-16103 by referring to Appendix 1 of this AD. Checked within limits at this time. Due again tach 1329.3.

Performed FAR 91.207 par. (d) Annual 406 MHz **ELT Test Requirements**, IAW Artex ME406 ELT Installation and Maintenance Manual 570-1600-1600 Rev. L dated March 9, 2012. and FAR 91.207. Artex ELT ME406 p/n 452-6499 Rev. E, s/n 354681-024. installed Jan 2008. Inspection and test checked within specification. ELT Battery Exp date April 2018.

AD's and Bi-Weekly checked to this date. This aircraft has been inspected IAW 100 hr/Annual Inspection and found to be in an Airworthy Condition. Aircraft has been ground ran and leak checked. No leaks noted at this time. This aircraft returned to service for work performed Details on file under Star Aviation Work Order M5948 *END*


Steven D. Rasor A&P 3229490 IA
For Star Aviation Services, Inc.

Registration No. _____

and Remarks

Signature

Certificate No.

Star Aviation Services
108 Nowlin Lane, Hangar 21
Chattanooga, TN 37421
(423) 499-1100

N-3025N

PA32RT-300T

S/N 32R-7987100

8 Sept 2014

Tach Time 1229.3 TTSN 3382.0

Engine TIO-540SI AD S/N L-6118-61A SMOH 459.36
Prop HC-E3YR-1 R/F 7673DR S/N FM1488B SMOH 0.0

Aircraft requires Flight Operational check for Landing Gear Backup Extension System, proper operations IAW Piper SB No. 866A and Landing Gear Throttle Horn WARNING Setting requirements IAW Piper Turbo Lance II POH and supplemental changes in POH.

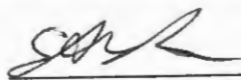
Pilot Name and Number:

Avon Kampa 305023

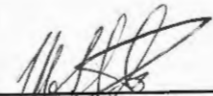
Date: 10/23/14

Aircraft Test Flown and found to perform and operate IAW POH Data and Limitations.

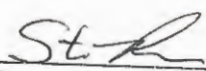
AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Star Aviation Services 108 Nowlin Lane, Hangar 21 Chattanooga, TN 37421 (423) 499-1100				
N-3025N	PA32RT-300T	S/N 32R-7987100	8 Sept 2014	
		Tach Time 1229.3 TT 3382.0		
Prop HC-E3YR-I R/F 7673DR S/N FM1488B SMOH 0.0				
Bled brakes and service hyd. system to full. Installed two reading lamps GE1414, OPS checked good. Cleaned out Manifold Indicator lines for sticking indication and cycled numerous times. Checked ok on test flight. This aircraft returned to service for work performed. Details on file under Star Aviation Work Order M6001P. *End*				
 _____ Steven D. Rasor A&P 3229490 IA For Star Aviation Services, Inc.				
Total to Carry Forward				

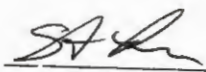
Registration No. _____

and Remarks	Signature	Certificate No.
Star Aviation Services 108 Nowlin Lane, Hanger 21 Chattanooga, TN 37421 (423) 499-1100		
Date: June 3, 2015	N3025N	S/N: 32R-7987100
		Tach: 1281.2
Gained access and removed the Standby Horizon (P/N 102-0053-02 S/N 14L0401) and installed an overhaul exchange Horizon (P/N 102-0053-02 S/N 901782) in aircraft. Performed an operational check IAW RCA 26 Series Attitude Gyro Installation/Operation Guide (KMC Pub No.: 1403) Rev. A dated 07/03/2008; unit checked normal. Closed all areas accessed.		
Details are on file at Star Avionics, Inc. under W.O. # M6132P.		
	 A&P 3328741 Michael Strobl	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
N3025N				Tach 1281.2
<p><i>Star Aviation Services</i> 108 Nowlin Lane, Hangar 21 Chattanooga, TN 37421 (423) 499-1100</p> <p>04 June 2015</p> <p>Jacked up aircraft. Removed nose gear actuator for leak. Replaced O-rings and seal with new. Installed actuator and checked rig on nose gear. Cycled gear 5 times and topped off hydraulic power pack. OPS checked ok at this time no leaks noted.</p> <p>Details are on file at Star Aviation Services under W.O. # M6132P.</p> <p> Steven D Rasor 3229490 A&P For Star Aviation Services Inc.</p>				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p><i>Star Aviation Services</i> 108 Nowlin Lane, Hangar 21 Chattanooga, TN 37421 (423) 499-1100</p> <p>Aug 24, 2015</p> <p>N3025N</p> <p>Tach: 1368.5</p> <p>Removed cowling and firewall access cover. Inspected mag and points as required for warranty. checked ok at this time. Closed aircraft, ground run, ops checked normal.</p> <p>Aircraft returned to service for work performed. Details are on file at Star Aviation Services under W.O. # M6179P.</p> <p> Steven D Rasor 3229490 A&P For Star Aviation Services Inc.</p>		

STAR AVIONICS, INC.
 LOVELL FIELD
 CHATTANOOGA, TN 37421

<p><i>Star Aviation Services</i> 108 Nowlin Lane, Hangar 21 Chattanooga, TN 37421 (423) 499-1100</p> <p>July 31, 2015</p> <p>N3025N</p> <p>Tach: 1356.6</p> <p>Removed cowling and sparkplugs, found fowling, cleaned gapped and reinstalled. Removed mag for inspection. Found points pitting. Removed mag 10-682560-13, S/N H-L061123. Installed fresh overhauled mag P/N 10-682560-13 S/N 824023 with impulse coupler, for AD and SB complied with. See 8130-3. Installed supplied new Condensers KA10-400576 to comply with warranty requirements. Performed ground operational check. OPS checked normal. Installed cowling. Point require inspection after 25 hrs service.</p> <p>Aircraft returned to service for work performed. Details are on file at Star Aviation Services under W.O. # M6163P.</p> <p> Steven D Rasor 3229490 A&P For Star Aviation Services Inc.</p>		
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AIRCRAFT LOG

November 6, 2015 N3025N Tach 1370.3 Total Time 3523.0
 Inspected E.L.T. in accordance with FAR 91.207D. Battery replacement due April 2018.
 Inspected, cleaned and resealed fuel bowl, no discrepancies noted. Replaced right main
 landing gear tire with new part number 310-028-639. Replaced left main landing gear tire
 with new part number 310-028-639. Replaced left main landing gear brake hose with new
 part number 111-4. Replaced right landing gear brake hose with new part number 111-4.
 Serviced brakes with 5606. Performed landing gear retraction and emergency extension.
 No discrepancies noted. Replaced induction filter with part number BA9005. Complied with
 AD 76-07-12 "Bendix switch" by operational check. Next due at 3623.0 Aircraft Total Time.
 Checked AD 11-13-03 "machining debris in turbo" is not applicable by turbo manufacturer.
 Checked AD 13-21-02 "turbine wheel head shaft welded joint" is not applicable by turbo
 manufacturer. Checked AD 15-10-06 "exhaust pipe and turbo bracket" is not applicable by
 engine model. Complied with AD 91-21-01 R1 "exhaust system" by part A 2(1) and part A
 2(11). Next due at 3623.0 Aircraft Total Time. I certify this aircraft has been inspected in
 accordance with an annual inspection and was determined to be in airworthy condition.

Greg Parker
 Greg Parker IA 424151337
 Fayetteville Aviation, Inc.

Registration No. _____

and Remarks		Signature	Certificate No.								
<p>ACFT SN# <u>32R-7987100</u> TACH <u>1462.7</u> Aitimeter/Static System Certification</p>											
<p>Merlin's Avionics Service Tel: (615) 305-1186 307 Roberta Drive Hendersonville, Tennessee 37075 FAA CRS#Z6MR586Y MAS Form #4</p>		<p>Work Order No. <u>4895</u> Acft.Reg.No. <u>N3025N</u> Acft Type <u>LANCE</u> Altimeter Position #/1 Altimeter P/N# <u>5934PAD-1</u> S/N# <u>3A031</u> Date <u>7-26-16</u> Signed <u>Malin Singly</u></p>									
Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)		
-1000	-1000	20	14,000	13990	100	1K	+15	70	28.10	-1727	-1727
0	0	20	16,000	15980	110	2K	+15	70	28.50	-1340	-1340
500	500	20	18,000	17980	120	3K	+10	70	29.00	-863	-863
1000	1000	20	20,000	19980	130	5K	+10	70	29.50	-392	-392
1500	1500	25	22,000	/	140	10K	+15	80	29.92	0	0
2000	2000	30	25,000	/	155	15K	+15	90	30.50	531	531
3000	3000	30	30,000	/	180	20K	+10	100	30.90	893	893
4000	4000	35	35,000	/	205	25K	/	120	30.99	974	974
6000	6000	40	40,000	/	230	30K	/	140	Case Leak (FPM Tol. 100 Ft.)		
8000	8000	60	45,000	/	255	35K	/	160	0		
10,000	9990	80	50,000	/	280	40K	/	180	After Effect (Tol.30 Ft.)		
12,000	11990	90				50K	/	250	+10		
Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.)							+15				
2nd Test Point @40% of Max.Alt.(Tol.75 Ft.)							+10				
This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.											

AIRCRAFT LOG


Registration No. _____

Date	Aircraft Time		Recorder Reading	Maintenance							
	This Date	Total									
Altimeter/Static System Certification											
Merlin's Avionics Service Tel: (615) 305-1186 307 Roberta Drive Hendersonville, Tennessee 37075 FAA CRS#Z6MR586Y MAS Form #4		Work Order No. <u>4895</u> Acft.Reg.No. <u>N3025N</u> Acft Type <u>LANCE</u> Altimeter Position # <u>2</u> Altimeter P/N# <u>5934P-3</u> S/N# <u>496502</u> Date <u>7-26-16</u> Signed <u>Merlin Kingely</u>									
Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)		
-1000	7000	20	14,000	13980	100	1K	+20	70	28.10	-1727	-1727
0	0	20	16,000	15970	110	2K	+15	70	28.50	-1340	-1340
500	500	20	18,000	17970	120	3K	+15	70	29.00	-863	-863
1000	1000	20	20,000	19960	130	5K	+15	70	29.50	-392	-392
1500	1500	25	22,000	/	140	10K	+15	80	29.92	0	0
2000	2000	30	25,000	/	155	15K	+10	90	30.50	531	531
3000	2995	30	30,000	/	180	20K	+10	100	30.90	893	893
4000	4000	35	35,000	/	205	25K	/	120	30.99	974	974
6000	5990	40	40,000	/	230	30K	/	140	Case Leak (FPM Tol. 100 Ft.)		0
8000	7980	60	45,000	/	255	35K	/	160	After Effect (Tol.30 Ft.)		+10
10,000	9980	80	50,000	/	280	40K	/	180	Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) <u>+15</u>		
12,000	11980	90	/	/	/	50K	/	250	2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) <u>+15</u>		
Total Carry Forward					This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.						

and Remarks	Signature	Certificate No.
Transponder Certification		
Merlin's Avionics Service Tel: (615) 305-1186 307 Roberta Drive Hendersonville, Tennessee 37075 FAA CRS #Z6MR586Y MAS Form #3		
Work Order No. <u>4895</u> Acft.Reg.No. <u>N3025N</u> Aircraft Type <u>LANCE</u> Txpond Position # <u>1</u> Txpond P/N# <u>GTX 330</u> S/N# <u>84111585</u> Check Box if Mode S <input checked="" type="checkbox"/>		
I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station.		
Date <u>7-26-16</u> Signed <u>Merlin Kingely</u>		

LOVELL FIELD
CHATTANOOGA TOWER

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
 Mustang Aviation <small>Aviation - Maintenance - Parts</small>				
4316 Hangar Drive Lexington, KY 40510 859-255-1902 Airframe Log Book				
Date: 8/9/2016			Shop Order: M-16-6002	
Reg No: N3025N	Aircraft: PA32R-300T		Serial No. 32R-7987100	
Wt: 1465.4				
1. Replaced L/H MLG tire and inner tube with new IAW PA32R-300 series MM chpt 32. Serviced all tires to correct pressures per POH. Tire P/N 072-317-0 S/N 4126S00016. Tube P/N Goodyear 302-246-401.				
The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.				
Date: 08-09-2016	Signed: <i>Travis Strange</i>		Travis Strange AP3425581	
Total To Carry Forward				

Transponder Certification

Merlin's Avionics Service Tel: (615) 305-1186
307 Roberta Drive Hendersonville, Tennessee 37075
FAA CRS #Z6MR586Y MAS Form #3

Work Order No. 6081 Acft.Reg.No. N3025N
 Aircraft Type LANCE Txpond Position #1
 Txpond P/N# GTX345 S/N# 3EG004253
 Check Box if Mode S

I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station.

Date 8-22-18

Signed *Mali Dugis*

Signature

Certificate No.

ACFT SN#
32 R-7987100

TACH1742.5

Altimeter/Static System Certification

Merlin's Avionics Service
Tel: (615) 305-1186
307 Roberta Drive
Hendersonville, Tennessee 37075
FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 6081 Acft.Reg.No. N3025N
Acft Type LANCE Altimeter Position #1
Altimeter P/N# 5934PAD-1 S/N# 3A031
Date 8-22-18 Signed Mehi Singly

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	13980	100	1K	+15	70	28.10 -1727 -1727
0	0	20	16,000	15980	110	2K	+15	70	28.50 -1340 -1340
500	500	20	18,000	17970	120	3K	+10	70	29.00 -863 -863
1000	1000	20	20,000	19970	130	5K	+10	70	29.50 -392 -392
1500	1500	25	22,000	/	140	10K	+15	80	29.92 0 0
2000	2000	30	25,000	/	155	15K	+15	90	30.50 531 531
3000	3000	30	30,000	/	180	20K	+10	100	30.90 893 893
4000	4000	35	35,000	/	205	25K	/	120	30.99 974 974
6000	6000	40	40,000	/	230	30K	/	140	
8000	8000	60	45,000	/	255	35K	/	160	
10,000	9990	80	50,000	/	280	40K	/	180	
12,000	11980	90				50K	/	250	

Case Leak (FPM Tol. 100 Ft.)

0

After Effect (Tol.30 Ft.)

+10

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) +15
2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) +10

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

Total To
Carry Forward

Altimeter/Static System Certification

Merlin's Avionics Service
Tel: (615) 305-1186
307 Roberta Drive
Hendersonville, Tennessee 37075
FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 6081 Acft.Reg.No. N3025N
Acft Type LANCE Altimeter Position #2
Altimeter P/N# GARMIN G5 S/N# 4JQ006106
Date 8-22-18 Signed Mehi Singly

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	13990	100	1K	NA	70	28.10 -1727 -1727
0	0	20	16,000	15980	110	2K	/	70	28.50 -1340 -1340
500	500	20	18,000	17980	120	3K	/	70	29.00 -863 -863
1000	1000	20	20,000	19980	130	5K	/	70	29.50 -392 -392
1500	1500	25	22,000	/	140	10K	/	80	29.92 0 0
2000	2000	30	25,000	/	155	15K	/	90	30.50 531 531
3000	3000	30	30,000	/	180	20K	/	100	30.90 893 893
4000	4000	35	35,000	/	205	25K	/	120	30.99 974 974
6000	6000	40	40,000	/	230	30K	/	140	
8000	8000	60	45,000	/	255	35K	/	160	
10,000	9990	80	50,000	/	280	40K	/	180	
12,000	11990	90				50K	/	250	

Case Leak (FPM Tol. 100 Ft.)

0

After Effect (Tol.30 Ft.)

0

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) NA
2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) NA

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

Copilot's Altimeter (STANDBY)
Altimeter/Static System Certification

Registration No. _____

Merlin's Avionics Service
 Tel: (615) 305-1186
 307 Roberta Drive
 Hendersonville, Tennessee 37075
 FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 6081 Acft.Reg.No. N3025N
 Acft Type LANCE Altimeter Position STBY
 Altimeter P/N# 5934P-3 S/N# 496502
 Date 8-22-18 Signed Merlin Grogg

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	13980	100	1K	+20	28.10	-1727
0	0	20	16,000	15985	110	2K	+20	28.50	-1340
500	500	20	18,000	17980	120	3K	+15	29.00	-863
1000	1000	20	20,000	19970	130	5K	+20	29.50	-392
1500	1500	25	22,000	/	140	10K	+20	29.92	0
2000	2000	30	25,000	/	155	15K	+15	30.50	531
3000	3000	30	30,000	/	180	20K	+15	30.90	893
4000	4000	35	35,000	/	205	25K	/	30.99	974
6000	5995	40	40,000	/	230	30K	/	Case Leak (FPM Tol. 100 Ft.)	
8000	7990	60	45,000	/	255	35K	/	0	
10,000	9990	80	50,000	/	280	40K	/	After Effect (Tol.30 Ft.)	
12,000	11980	90				50K	/	+10	

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) +20
 2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) +15

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

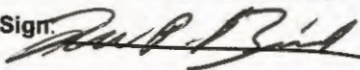
N3025N April 1, 2019 Tach Time 1833.2 Airframe Total Time 3985.9
 ELT inspected in accordance with FAR 91.207 (d). ELT battery due replacement May 2025. Serviced fuel strainer. Cleaned and greased all wheel bearings. Replaced nose steering horn bushing part number 65003-015, bearing part number 452-445 and bolt. Replaced right main gear truss to eyelet bushings part number 14843-016 and bolt. Replaced nose tire and tube. Nose tire serial number installed 90292088. Replaced left main tire with new serial number 80372062. Complied with AD 78-23-01 "Fuel drain door" by inspection. Next due Tach Time 1933.2. Complied with AD 76-07-12 "Bendix switch" by operational check. Next due at Tach Time 1933.2. Replaced induction filter part number BA9005. I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

J Mark Cobb
 J Mark Cobb IA 411151616
 Fayetteville Aviation, Inc.

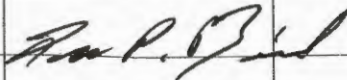
Total To Carry Forward

LOVELL FIELD AVIONICS, INC.
 CHATTANOOGA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
04/06/2020 TACH: 2014.0 AFTT: 4166.7	Date: 04/06/2020 Hours: Tach: 2014.0 AFTT: 4166.7 Tail#: N3025N Make: Piper Model: PA-32RT-300T S/N: 32R-7987100 Removed wheels, repacked bearings, replaced brake linings p/n 66-62. Replaced both brake caliper "O" rings. Repaired master brake cylinder with new kit. Adjusted flap and aileron cable tensions and rigging. Replaced Brackett air intake element p/n BA-9005. Replaced instrument filter p/n RA-D9-18-1 and vacuum filter p/n RA3-5-1. ELT inspected and tested as per 14CFR FAR 91.207(d). Battery due May 2025. Lubricated all pulleys and bellcranks. Cycled landing gear, checked spring tensions and lubricated. Complied with AD78-23-01 fuel drain cover. AD76-07-12 ignition switch. All AD's are complied with as of this date. All work accomplished in accordance with the Piper PA32RT-300T Service Manual. Operational check performed and found to be satisfactory. I certify that this aircraft has been inspected in accordance with 14 CFR FAR 43, Appendix D, annual inspection and determined to be in airworthy condition and returned to service. Name: Lee P Bridges Cert: A&P 1942849 IA Co: Landergood Aviation, LLC Sign: 			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
04/10/2020 INSTALLED NEW GOODYEAR FLIGHT CUSTOM III 6.00-6 844 TIRE GOODYEAR FLIGHT MATE 615/6.00-6 TUBE. ON RIGHT MAIN WHEEL.		A&P 1942849 IA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
4/14/21 <i>Tach:</i> <i>2130.5</i>	Brought Forward			
Date: 04/14/2021 Hours: Tach: 2130.5 AFTT: 4283.2 Tail#: N3025N Make: Piper Model: PA-32RT-300T S/N: 32R-7987100 Removed inspection panels, inspected and lubricated all pulleys, bellcranks and reinstalled panels. Repacked all wheel bearings, installed new brake linings, RA66-62. Installed new main gear actuator hoses. Installed new nose gear uplock switch, p/n 67411-006. Installed new "O" rings in right main gear and nose gear actuating rods. Installed new Gill battery G-35. Serviced and charged battery as per Gill service and installation instructions. Replaced air intake filter BA-9005. ELT inspected and tested as per 14CFR FAR 91.207(d). Complied with AD 13-02-13, Stabilator Control System. All AD's have been complied with as of this date. All work accomplished in accordance with the Piper PA32RT-300T Service Manual. Operational check performed and found to be satisfactory. ----- I certify that this airframe has been inspected in accordance with 14 CFR FAR 43, Appendix D, annual inspection and determined to be in airworthy condition and returned to service.				
Name: Lee P Bridges Cert: A&P 1942849 IA Co: Landergood Aviation, LLC Sign: <i>[Signature]</i>				
Total To Carry Forward				

Registration No. _____

**Maintenance Entry**

Mar 14, 2022 N3025N Piper PA-32RT-30 sn 32R-7987100

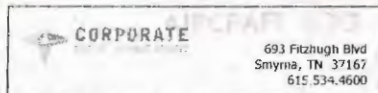
Removed Century pitch servo P/N 1C508-1-529P S/N 4857A and installed repaired pitch servo P/N 1C508-1-529P S/N 6492A, see Bevan Aviation 8130-3# 76133. Autopilot ground checks satisfactorily. Closed up areas opened for access. The work described above has been inspected and found airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order #012346.

[Signature] 442710

Signed for Carpenter Avionics, Inc. Repair Station RH4R492M

Note: PDF copies of the pages after this page are towards the back of this airframe log book. They were inserted somewhat out of place.

Model: PA32RT-300T
S/N: 32R-7987100
Reg. No: N3025N



Date: 3/10/17
TAT: Tach: 1,496.7
TAC:

Airframe

Maintenance Accomplished:

Task 2006: Removed and replaced Pilot's Turn Coordinator, PN: 1394T100-7Z, SN: 812-1105 OFF. PN: 1394T100-7Z, SN: G10-10057 ON.
Task 2007: Removed and replaced pilot's clock battery.
Task 2008: Replaced back light potentiometer. PN: 67436-006
Task 2010: Installed exchange Glide Slope Coupler, PN: 1C493 SN: 4986-E OFF. PN: 1C493 SN: 9220-E ON. Installed repaired Computer Amplifier PN: 1C515-1 SN: 7695B.
Task 2011: Repaired static system. Leak check was within limits.
Task 2012: Repair wiring on Audio System.

The aircraft identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No RPE290.

Signed:
For: Corporate Flight Management, Inc. Certified Repair Station FJTR920D Form CFM 007

Model: PA32RT-300T
S/N: 32R-7987100
Reg. No: N3025N



Date: 3-10-17
Hobbs: N/A
Tach: 1496.7

Airframe

Maintenance Accomplished Major Alteration:

2001-Install JPI EDM 700 System The JPI EDM-700 system was installed in accordance with STC SA2586NM and the JPI installation manual for the EGT-701 Report No 103 Rev E dated 1/20/09. See FAA 337 dated 3-10-17.
Items Removed: Electronics Int. Inc., US-8A-6, Engine Monitor, S/N 70736.
Items Installed: JPI, EGT-701-6, Temperature Indicator EDM-700, S/N 38756, JPI, EGT Probe, M-111 #1, S/N 0226755, JPI, EGT Probe, M-111 #3, S/N 0226767, JPI, EGT Probe, M-111 #5, S/N 0226569, JPI, EGT Probe, M-111 #2, S/N 0226646, JPI, EGT Probe, M-111 #4, S/N 0226750, JPI, EGT Probe, M-111 #6, S/N 0226574, JPI, CHT Probe, 5050 #1, S/N 82951, JPI, CHT Probe, 5050 #3, S/N 83229, JPI, CHT Probe, 5050 #5, S/N 83458, JPI, CHT Probe, 5050 #2, S/N 83465, JPI, CHT Probe, 5050 #4, S/N 83155, and JPI, CHT Probe, MM-113-3/8 #6, S/N 12940.

The airframe identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No. RPE312.

Signed:
For: Corporate Flight Management, Inc. Certified Repair Station No FJTR920D Form CFM 007

Registration No. _____

Model: PA32RT-300T
S/N: 32R-7987100
Reg. No: N3025N



Date: 3-10-17
Hobbs: N/A
Tach: 1496.7

Airframe

Maintenance Accomplished Major Alteration:

2001-Install # 1 Garmin GTN 750 System VFR ONLY Pending Certification Flight The Garmin GTN 750 Navigation systems were installed in compliance with Garmin STC GTN 750 Installation Manual P/N 190-01007-A3 REV. 10, Dated September 2016 and in accordance with STC SA02019SE-D Dated March 18, 2011. See FAA 337 Dated 3-10-17.

Items Removed: Garmin, 011-01060-40, GNS430W GPS, COMM-NAV, S/N 97114040, Garmin, 013-00235-00, GA 35 WAAS GPS Antenna, S/N 21292, S/N 60333, Comant, CI-503, G/S Splitter, and Antenna Development Co., AD-9, NAV / G/S Coupler.
Items Installed: Garmin, 011-02282-00, GTN750 W/GPS/NAV/COMM, S/N 1ZA019630, Garmin, 013-00235-00, and GA 35 WAAS GPS Antenna, S/N 129920.

2002-Install Garmin GTX 345 ADS-B Out / In Compliant Transponder The Garmin GTX 345 was installed in compliance with Garmin GTX 3XX Part 23 AML STC Installation Manual P/N 190-00734-10 Rev. 8 dated October 2016 and in accordance with STC SA01714WI for ADS-B Out Compliance. See FAA 337 dated 2-14-17.

Items Removed: Garmin, 011-00455-00, GTX 330 Mode S Transponder, S/N 8411585.

Items Installed: Garmin, 011-03302-00, GTX 345 ADS-B Transponder, S/N 3EG004253.

2003-Install Garmin G5 Electronic Flight Indicator The Garmin G5 was installed in compliance with Garmin G5 Installation Manual P/N 190-02072-00 Rev C, dated September 2016 and in accordance with STC SA01818WI dated July 22, 2016. See FAA 337 Dated 3-10-17.

Items Installed: Garmin, 011-03809-00, G5 Electronic Flight Instrument, S/N 4JQ006106.

Maintenance Accomplished Minor Alteration: All minor alteration work was accomplished as per AC 43-13-1B 7-14, 10-16, 11-47, 11-66.a-c, 11-85, 11-96a, 11-107, 11-115, 11-158, 11-186.a-b, 11-187.a, 11-230, 12-1, 12-9a, 12-28, and AC 43-13-2B Chapter 2-204b as approved data following the guidelines outlined in this chapter.

2005- Install Trans Cal SSD 120 Altitude Serializer Removed Narco, AR-850, Altitude Reporter, S/N 60333 and installed Trans-Cal, SSD120-30N-RS232, NANO Encoder 30M, S/N SRN22410. The SSD 120 was installed in compliance with Trans-Cal Industries Inc installation manual P/N 882189 Rev. G, dated May 2015. The altitude reporting correspondence checks required have been performed and meet the criteria outlined in FAR 43, Appendix E.

The airframe identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No. RPE390.

Signed:
For: Corporate Flight Management, Inc. Certified Repair Station No FJTR920D Form CFM 007

AIRCRAFT LOG

Model: PA-32RT
S/N: 32R-7987100
Reg. No: N3025N



Date: 15-Mar-2017
TT: 3,650.1
Tach: 1,497.4

Airframe

Inspections Accomplished:

- 2001-Complied with Airframe Annual Inspection. Ref Piper PA-32RT-300T MM Section 3.
- 2004-Complied with ELT inspection. Ref FAR 91.207(d). Battery expires: April, 2018.
- 1007-Serviced No 1 battery. Ref AMM 24.

Airworthiness Directives:

- Researched ADs.

2026-Complied with AD 2010-15-10 - To detect and correct any incorrectly assembled control wheel shafts. Performed witness hole inspection per SB 1197B. 3/64 drill rod inserted less than 0.2". No defects noted.

Maintenance Accomplished:

- 2008-Alternator wire frayed. Removed and replaced, with new, alternator wire. Ref Lance 2 Service Manual Sec. 6. P/N: 69325-127.
- 2009-Heater box cable broken. Removed and replaced, with new, heater box cable. Ref Service Manual Sec. 13. P/N: 554-487.
- 2012-Intake drain mast mount cracked. Removed intake drain mast mount, fabricated replacement part, and installed. Ref AC 43.13-1B.
- 2013-Oil sensor located on the R/H upper side of the bulkhead, separating cockpit form forward cargo, is leaking oil from its crmp. Removed and replaced, with new, oil sensor. Ref Service Manual Sec. 10. P/N: 587-961.
- 2015-Upper rudder hinge grounding strap is broken. Removed and replaced upper rudder hinge grounding strap. Ref Service Manual Sec. 11.
- 2016-Rudder cable tension is low. Adjusted rudder cable tension as required. Ref Service Manual Sec 5.
- 2017-Stabilator cable tension is low. Adjusted stabilator cable tension as required. Ref Service Manual Sec.5.
- 2018-Stop drilled crack on R/H side forward cargo door, aft side of hinge. Ref AC 43.13-1B.
- 2020-L/H elevator trim piano hinge is worn. Removed and replaced, with new, L/H elevator trim piano hinge. Ref Service Manual Sec 5. Hinge P/Ns: 38400-07; 38399-07. Pin P/N: 62002-002.
- 2021-R/H brake caliper is leaking. Removed and replaced, with new, R/H brake caliper o-rings. Ref Service Manual Sec. 7. P/N: M83461-1-222.
- 2023-Re-secured loose cabin door seal. Ref Service Manual Sec 4.
- 2024-Alternator noise filter wire is loose and does not make good connection. Removed and replaced, with new, alternator noise filter. Ref Service Manual Section 11. P/N: CA63897-006.
- 2001-Top latch on crew door is difficult to secure from inside the aircraft. Adjusted receiver outwards on the airframe side. Ref Service Manual.
- 3003-Belly access panel has corrosion under the paint. Cleaned, inspected, prepped, and repainted belly access panel. Ref AC 43.13-1B.
- 3004-Removed deteriorating sealant from pilot's side window and resealed. Ref Service Manual Sec. 4.
- 3005-Removed deteriorated sealant from R/H windshield and resealed. Ref Service Manual Sec. 4.
- 3006-Per customer request, installed telescoping pilot's seat. Ref Airframe MM Sec. 5. Seat P/N: 79592-02. Seat adjustment P/N: MC587-404.
- 3008-Re-secured forward baggage area insulation blanket. Ref AC 43.13-15.

I certify the airframe identified above was inspected in accordance with an annual type inspection, as required by FAR 91.409(f)(1), found to be airworthy, and is approved for return to service with respect to the work performed.

Signed: [Signature]
For: Tate Smithson A&P 3309718 IA

Form CFM 007

Total T
Carry

Registration No. _____

Model: PA32RT-300T
S/N: 32R-7987100
Reg. No: N3025N



Date: 3/22/2017
HOBBS: Tach: 1496.7

Airframe

Maintenance Accomplished:

2013: Removed faulty HSI P/N 52D137-1333, S/N 15691A and installed exchange HSI P/N 52D137-1333, S/N 869. Ops checked and found HSI is working properly. Ref: AMM 34-00.

The aircraft identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No RPE290.

Signed: [Signature]
For: Corporate Flight Management, Inc. Certified Repair Station FJTR920D Form CFM 007

Model: PA32RT-300T
S/N: 32R-7987100
Reg. No: N3025N



Date: 4-7-17
Hobbs: N/A
Tach: 1502.3

Airframe

Maintenance Accomplished Major Alteration:

2001-Perform Garmin GTN 750 WAAS IFR Certification Flight Performed WAAS IFR certification flight was on the previously installed Garmin GTN 750 system. See FAA 337 dated March 10, 2017 for installation of the system.
Items installed: Garmin, 013-00235-00, GA35 WAAS GPS Antenna, S/N 129920, Garmin, 011-02282-00, GTN 750 GPS / Nav / Com, S/N 1ZAO19630, and Trans-Cal, SSD 120-30N-RS232 Nano Encoder, S/N SRN-22410.

The airframe identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No. RPE390.

Signed: [Signature]
For: Corporate Flight Management, Inc. Certified Repair Station No FJTR920D Form CFM 007


No.

AIRCRAFT LOG

N3025N March 30, 2108 Tach 1656.3 Airframe Total Time 3809.0
 ELT inspected in accordance with FAR 91.207 (d). Replaced battery. Battery replacement due May 2025. Replaced left fuel cap vent valve and left and right fuel cap gaskets. Resealed control cable pass through in nose gear well. Adjusted left and right landing gear actuator eye bolts. Resealed pilot's right master cylinder and bled system. Serviced brake reservoir. Adjusted rear cabin door lower strike plate for proper engagement. Serviced fuel strainer. Replaced seal on fresh air vent aft of pilot's seat. Serviced aircraft battery. Replaced all brake linings. Replaced left main tire with P/N 606C86-3 S/N 63212425. Adjusted tire pressures. AD 78-23-01 "Fuel drain door assembly" complied with by inspection. Next due at Tach 1756.3. AD 76-07-12 "Bendix switch" complied with by operational checks. Next due at 1756.3. AD 17-14-04 "Oil cooler hose assembly TSO requirements" not applicable. Type "D" hoses installed. Replaced left and right main gear upper torque link bushings part # 67026-007, bolts part # AN175-32, and P/N AN175-33. Replaced air induction filter P/N BA-9005. Cleaned and greased all wheel bearings. Inspected and lubed landing gear. Performed normal and emergency extension. Replaced left nose gear door lower bracket part #38109-000. Adjusted auto-extend/override cable to specifications. Pilot and co-pilot control yokes covered by Aero Comfort. I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

J. Mark Cobb
 J. Mark Cobb IA 411151616
 Fayetteville Aviation, Inc.

Registration No. _____

and Remarks	Signature	Certificate No.
TAC 1855.4 07-16-2019 Drain oil ch Filter for "FOD" & Replaced w/ Philip 100 AW 12 qt. Per MRCI AWP2153763 <i>Philip A. Ward</i>		
wo: 1121 Avionics - page 1 of 1  Thom Duncan Avionics <small>Right the next time.</small> Thom Duncan Avionics LLC - 37 AIRPORT RD - FAYETTEVILLE, TN 37334 - 833-838-6226		
N3025N Tach: 1920.5	Piper, PA-32RT-300T, S/N: 32R-7987100	August 29, 2019
Troubleshoot Pitch axis and found pitch servo motor bad. Installed Exchange servo and checks satisfactory. Removed (1) 1C508-1-529P - Pitch Servo, S/N: 7832A, Installed (1) 1C508-1-529P - Pitch Servo, S/N: 4857A. With respect to the work performed, this avionics is approved for return to service. Details of work performed are on file with Thom Duncan Avionics LLC under work order: 1121.		
Thomas Duncan Mechanic A3441491 <i>Thomas Duncan</i>		

CONRAD AERO

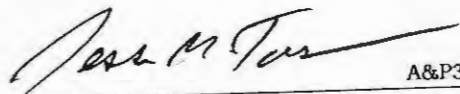
1200 Flight Line Dr. Unit 516 Three Rivers, MI 49093

Phone: (269) 279-6000

Airframe log entry

N3025N Make: Piper Model: PA32R-300T S/N: 32R-7987100
Date: 5-16-2022 Tach Time: 2188.2 TTAF: 4340.9

Performed annual inspection of airframe by removal of cowling, opening all access panels in wings, tail and fuselage, removal of interior seats carpeting and access panels. Inspected all interior and exterior lights (replaced missing gear warning light), pitot heat, stall system, pass. Inspected ELT in accordance with FAR 91.207 para (d), pass, battery due May 2025. Replaced air filter element with new BA9005. C/W AD 78-23-01 Fuel drain door assembly, pass, due again in 100hrs/next annual. C/W AD 76-07-12 Bendix switch to OFF, pass, due again in 100hrs/next annual. Jacked aircraft, inspected landing gear, tires, wheels and brakes, pass, lubed as required. Conducted gear retraction and extension test, pass, down jacked aircraft. Inspected wings, flight controls, cables and pulleys, (both aileron end worn, installed new P/N's CA452-334A/MCS1104-3) pass. Inspected tail section to include removal of tail cone, all pass. Inspected fuselage, found severe corrosion on belly at approximately F.S 149-F.S 188 under forward facing aft seat, right side. Cut out approximately 6 inch wide area, fabricated and installed doubles, filler and new external stiffener, splice and cap, primed and painted to match, see FAA Form 337 this date. Reinstalled all access panels, covers and interior. I certify this aircraft has been inspected in accordance with an annual inspection and found to be in airworthy condition at this time.



A&P3142013 IA

NOTES