

REPLACE ELT BATTERY BY:

FEB 2020



*The Standard*

# AIRCRAFT LOG

ASA-SA-2

The Standard Aircraft Log  
SA-2

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**ASA-SA-2**  
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## Aircraft Record General Information

**Manufacturer** PIPER AIRCRAFT

**Serial** 32-8206006

**Date of Manufacture** 1981

### Engine(s) currently installed:

**Manufacturer** LYCOMING

**Manufacturer** \_\_\_\_\_

**Model** I0-540-K1G5

**Serial** RL-30479-48 E

### Propeller(s) currently installed:

**Manufacturer** HARTZELL

**HUB Model** HC-C34R-1RF

**Blade Model** F7663

**Blade Model** \_\_\_\_\_

**Model** PA-32-301 SARATOGA

**Registration Number** N8461C

**Model** \_\_\_\_\_

**Serial** \_\_\_\_\_

**Model** HC-C34R-1RF/F7663

**Serial** D41504

**Serial** E99363

**Serial** E99373

**Serial** E993913

YEAR 20 DATE	<p style="text-align: center;"><b>SBI AIRCRAFT SERVICES</b>  <b>LACONIA AIRPORT (KLCI)</b>  <b>(603) 524-3180 (603) 528-6818</b></p>	
	<p style="text-align: center;"><b>Date: 05/28/2015 N8461C</b></p> <p style="text-align: center;"><b>Tach 3795.1 TTAF 3795.1</b></p> <p>Performed a 100 hour inspection I/A/W the Piper Aircraft Service Manual and Check List for this Model Aircraft. Discovered worn brake disc, brake pads and tires on both sides and replaced with new disc, part# APS164-21600 as well as brake pads, part # APS66-06200., and tires, model Good Year 600.6 Flight Special with new Michelin 600.0 inner tubes. Resealed both brake calipers with new MS28775-222 o-rings and flushed and bled brake system with new Shell #4 hydraulic fluid. Resealed both main landing gear struts with new quad and o-rings and serviced with new Shell #4 hydraulic fluid. Charged all three struts with nitrogen gas. Installed a new engine air intake filter, part# BA-3. Installed all new 8071 rubberized engine baffling. Adjusted tension on auto pilot servo cable. Adjusted right aileron neutral position. Checked all flight control attachment points, cable tensions and pulleys. Replaced ELT Battery and performed an ELT check I/A/W FAR 91-207D and found satisfactory. Next ELT Battery Change Due on or before the end of JULY 2017.</p> <p style="text-align: right;"><i>Aug 2, Howard 3128656</i></p>	
	<p style="text-align: center;"><b>FAA - PMA</b></p> <p>This tag certifies that Sky-Tec Model No. <u>149-NL</u>    Serial No. <u>FN-3814170</u> was manufactured new on <u>24 Sep 2014</u>    by Sky-Tec under the authority of FAA-PMA No. PQ0852SW    Supplement No. <u>7</u> in accordance with Sky-Tec's    FAA-Approved Quality System (14CFR Part 21, Subpart K).    This article has been determined to be airworthy.    For installation eligibility see <a href="http://www.skyteccair.com/installability.html">www.skyteccair.com/installability.html</a>    Starter Installed on <u>N 8461C</u> by <u>Aug 2, Howard Q</u>    (Aircraft) <u>3128656</u>  <i>Aug 2, Howard 3128656</i></p>	

YEAR 20 DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks
<p style="text-align: center;"><b>SBI AIRCRAFT SERVICES</b>  <b>LACONIA AIRPORT (KLCI)</b>  <b>(603) 524-3180 (603) 528-6818</b></p> <p><b>Date: 05/28/2015 N8461C Tach 3795.1</b></p> <p><b>TTAF 3795.1</b></p> <p>I certify that this AIRFRAME has been inspected I/A/W/  an Annual inspection and found to be in an airworthy  condition</p> <p>IA <u>Mark Munchausen A+P22574551AT</u></p> <p>Installed new engine preheat system, part# TXPL6 and  checked operation. Found ok.</p> <p>A&amp;P <u>Aug 7. 2015 Q 3128056</u></p>					

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
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**Description of Inspections, Tests, Repairs and Alterations**

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

**SBI AIRCRAFT SERVICES**

**LACONIA AIRPORT (KLCI)**

**(603) 524-3180 (603) 528-6818**

**Date: 04/12/2016 N8461C**

Installed new JPI 930 engine monitor I/A/W the J.P. Instruments installation manual for this unit and aircraft model. Removed old tachometer, auto pilot, fuel gauges, manifold and fuel flow gauges, oil pressure, oil temperature, amperage meter gauge and associated lines and wire connections. A new instrument panel cover was fabricated out of aircraft 2023 t-3 aluminum to except the JPI engine monitor screen and warning light and installed on lower pilot side panel.

A&P

*May 2 Novac 3128656*

**SBI AIRCRAFT SERVICES**

**LACONIA AIRPORT (KLCI)**

**(603) 524-3180 (603) 528-6818**

**Date: 04/12/2016 N8461C**

**Tach 3849.1 TTSMO 54.0**

Aircraft Propeller inspected I/A/W an annual inspection and found to be in an airworthy condition.

*IA Michauds At P 22574554T*

YEAR 20 DATE
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**SBI AIRCRAFT SERVICES**

**LACONIA AIRPORT (KLCI)**

**(603) 524-3180 (603) 528-6818**

**Date: 04/12/2016 N8461C**

**Tach 3849.1 TTSMO 54.0**

Performed a 100 hour inspection I/A/W the Piper aircraft service manual for this aircraft and generic check list. Removed all interior seating and inspection covers. Removed all exterior inspection covers. Discovered fuel leak around left fuel bladder and fuel tank plumbing. Removed fuel bladder and fuel tank along with all plumbing. Checked bladder and aluminum tank for leaks and found none. Installed new main interconnect pipes, part# 63913-092 and 63913-093. Removed all six fuel sending units and shipped to Keystone Instruments for overhaul and calibration. Reinstalled newly overhauled units with new gaskets, part# 755-049 and 38230-004. Reinstalled fuel fillerneck cover with new gaskets, part# 77354-010. Installed new fuel tank vent interconnect hose, part# 63913-140. Installed new fuel drains in both left and right inboard tanks, part# F391-18. Installed six new JPI EGT probes and six new JPI CHT probes. Installed new JPI OAT probe on left side of baggage compartment. Installed a new nose wheel assembly, part# 40-56B and new Michelin 600-6 inner tube. Discovered leaking front strut Schrader valve and replaced with new, part# AN6287-1 valve. Removed all wheels and repacked wheel bearings. Checked flight controls and cable tensions, lubed as necessary. Reinstalled all interior inspection covers and seating. Adjusted overhead door latch.

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

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

**SBI AIRCRAFT SERVICES**

**LACONIA AIRPORT (KLCI)**

**(603) 524-3180 (603) 528-6818**

**Date: 04/12/2016 N8461C**

**Tach 3849.1 TTSN 3849.1**

Aircraft Airframe inspected I/A/W an annual inspection and found to be in an airworthy condition.

*IA Michauds At P 22574554T*

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



104 Grafton Drive Portsmouth New Hampshire 03801  
FAA Certified Repair Station No. P49R490N

**July 15, 2016 N8461C Piper PA32-301 S/N 32-8206006 Hobbs: 2634.6 W/O A12430**

Removed the following equipment: Garmin GTX 327 transponder P/N 011-00490-00 S/N 83710317, King KR87 ADF receiver P/N 066-1072-00 S/N 11258, King KI 227 ADF indicator P/N 066-3063-00 S/N 9197, King KMA 24 audio panel P/N 066-1055-03 S/N 10970, PS Eng. PM3000 intercom P/N 11932 S/N F13544-CR, Apollo II 612 LORAN receiver S/N 15123, II Morrow A-16 LORAN antenna P/N 430-0035-00, Trans-Cal SSD120-30A encoder S/N A47912, Electric Gyro Corp turn coordinator P/N 1394T100-7Z S/N 818-782, and Mitchell DG P/N 52D254 (Edo-Aire model 4000C-5 P/N 1U262-014-4) S/N A6825G. Removed wiring and components from the deactivated air conditioning system. Replaced defective rod end bearing on the left aileron with a new bearing P/N CA452-336A and the left aileron bellcrank bearing with a new bearing P/N 452-355 IAW Piper PA32-301 MM. Assisted with installation of new interior carpet. Interfaced the JPI EDM-900 engine analyzer to the Garmin GNS 430W. Updated the Garmin GNS 430W main software from 5.20 to version 5.30 IAW Garmin STC SB 1618 rev A.

Installed a new Genesys (S-TEC) System 55X autopilot with auto trim, annunciator, and optional altitude vertical speed selector IAW Genesys STC SA8392SW-D. Also installed a new Genesys ST-134 yaw damper system IAW Genesys STC SA5122SW-D. The system consists of a new programmer computer P/N 01192-0-47T S/N 01192-1548-16456 that is modified for "KCS55A" with HW mod AA-AV and SW mod AA-AF. The system also consists of a new turn coordinator P/N 6405-14L (Mid-Continent 1394T100-14RB) S/N G15-12103, roll servo P/N 0105-R S/N 00105-1547-26331CEFGJ located beneath the passenger seat, pitch servo P/N 0107-P1 S/N 00107-1547-20875CDEFGJK located at fuselage station 264.0", pitch trim servo P/N 0105-T8 S/N 00105-1547-26332CEFGJ located at fuselage station 192.0", yaw servo P/N 0105-Y10 S/N 00105-1547-26333CEFGJ located at fuselage station 258.0", yaw amplifier/damper P/N 0121 S/N 00121-1548-04420A located on the yaw servo bracket, annunciator P/N 01188-2PX S/N 01188-1545-01860B located on the pilot's instrument panel, altitude/VS selector/alerter P/N 01279-PX S/N 01279-1540-03261A/B located on the pilot's instrument panel, and a pressure transducer P/N 0111 S/N 00111-1543-45425AA located behind the pilot's instrument panel at fuselage station 56.5". The autopilot system is interfaced to the Aspen EFD1000 PFD system, PMA450 audio panel, the SSD120-30A altitude encoder, the aircraft dimming bus, and the avionics bus via a 5 amp circuit breaker labeled "AP" and a 2 amp circuit breaker labeled "trim". The turn coordinator is interfaced to the aircraft dimming bus and the switched battery bus via a 5 amp circuit breaker labeled "turn & bank". The yaw system is interfaced to the switched battery bus via a 2 amp circuit breaker labeled "Yaw". The AFMS P/N 891070 and ICA P/N 81351 for the 55X, AFMS P/N 89480 and ICA P/N 81482 for yaw system, and ICA P/N 81551 for the altitude VS selector have been placed in the POH. A FAA form 337 has been filed with the FAA.

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Installed a new Aspen EFD 1000 Pro PFD Plus System IAW STC SA10822SC. Installed the Aspen EFD1000 PRO PFD P/N 910-0001 S/N 22666 mod F (MAP SW V2.8.2 and IOP SW V2.0.5) centered with the pilot's yoke. Installed the Aspen Analog Converter Unit P/N 910-00004-001 S/N 15570 mod G behind the copilots instrument panel. Installed the Aspen Remote Sensor Module P/N 910-00003-001 S/N 201157 mod F on the upper tail surface at fuselage station 239.0". Installed the Aspen Configuration Module P/N 910-00005-004 (920-00004-006) S/N 18142 on the wiring harness just aft of the PFD. The Aspen EFD1000 Pro system interfaces with the GNS430W #1 GPS/Nav/Com, KX155 #2 Nav/Com, NGT-9000 transponder, the 55X autopilot, and the aircraft's pitot/static system. The PFD is powered via a 7.5 amp circuit breaker toggle switch labeled "PFD" located on the pilot's instrument panel. The Analog Converter Unit is powered via a 2 amp circuit breaker labeled "ACU". The optional AOA and synthetic vision have been enabled at the factory. The AOA unlock card P/N 430-00022-002 for future MFD install has been supplied to the owner. Americas/ESV terrain card P/N 430-00006-001A has been placed in the PFD. The AFMS P/N 900-00008-001 rev AB and ICA P/N 900-00012-001 rev Y have been placed in the aircraft. A FAA form 337 has been filed with the FAA. Updated the PFD software from main SW 2.8.2 to version 2.8.3 IAW Aspen SB2016-01. Enabled the ADS-B weather and traffic display on the PFD IAW Aspen Tech Note 2014-02. The ADS-B unlock card P/N 430-00024-001 has been supplied to the owner.

Installed a new L3 Lynx NGT-9000 mode S transponder with ADS-B In/Out and internal GPS receiver P/N 9029000-20000 S/N LXE00678 IAW L3 STC SA02444AK. The ADS-B traffic advisory system (ATAS) has been enabled. The NGT-9000 is installed in place of the removed GTX 327 transponder. A new L3 PIM-9000 Wifi module P/N 9230-17005-01 S/N 00000164 has been installed behind the copilot's instrument panel IAW L3 Lynx NGT-9000 Installation Manual and AC43.13-1B/2B. A new Sensor Systems WAAS-GPS antenna P/N S67-1575-135 S/N 818-5025 has been installed over the cabin at fuselage station 104.0" IAW L3 Lynx NGT-9000 Installation Manual and AC43.13-1B/2B. The NGT-9000 is interfaced to the Aspen PFD for serial altitude/heading from the Aspen and display of ADS-B traffic/weather to the Aspen. The NGT-9000 is also interfaced to the GNS 430W for display of ADS-B traffic to the GNS 430W, PMA450 audio panel, and the avionics bus via a 5 amp circuit breaker labeled "transponder". The PIM-9000 is powered from the avionics bus via a 1 amp fuse. The NGT-9000 AFMS P/N L3-76AK-AFMS1 and ICA P/N L3-76-ICA1 have been placed in the aircraft. A FAA form 337 has been filed with the FAA.

Installed a new PS Engineering PMA450 audio panel P/N 050-450-0100 S/N F01267-L in accordance with the PMA450 Installation Manual 200-450-0000. The PMA450 is interfaced to the GNS 430W #1 GPS/Nav/Com, KX155 #2 Nav/Com, KN64 DME, NGT-9000 transponder, 55X autopilot, marker beacon antenna, overhead speaker, all headset jacks (pilot, copilot, and 4 passengers), two 3.5mm music jacks, lighting bus, and the avionics bus via a 5 amp circuit breaker labeled "audio panel". The ICA has been placed in the aircraft.

Performed certifications on the aircraft static system, the Aspen EFD1000 Pro PFD and standby altimeter to 20K ft., the altitude reporting system, and transponder as required by FAR part 91.411 and 91.413, IAW FAR part 43 appendix E and F.

The aircraft equipment list has been updated, and a physical weight and balance has been done. The wet compass has been swung and its compass card updated.

A flight test was performed as required by FAR 91.407(b) to ensure that the Aspen System functions IAW the Post Installation Flight Check procedures outlined by STC SA10822SC.

Flight Test Pilot \_\_\_\_\_

Certificate No. \_\_\_\_\_

The aircraft and/or components identified above were repaired in accordance with current FAR'S as well as manufacturer recommendations and are approved for return to service.

Authorized Signature: Bryan Frobese

YEAR  
20  
DATE

**SBI AIRCRAFT SERVICES**  
**LACONIA AIRPORT (KLCI)**  
**(603) 524-3180 (603) 528-6818**  
**Date: 02/05/2017 N8461C**  
**EDM Tach 48.8 TTAF 3897.9**

Performed a 100 hour inspection I/A/W the New Piper aircraft maintenance manual and generic checklist for this model aircraft. Removed all interior seating and inspection covers. Removed all exterior inspection covers. Remove all wheels, cleaned and inspected all wheel bearings, repacked bearings with shell #22 grease and reinstalled wheels. Discovered worn outside brake pads on main wheels and replaced 4 pads with new, part# 066-06200. Checked all flight controls, pulleys and cables and lubed as necessary. Gassed up right side landing gear strut with nitrogen. Installed new fuel grade and capacity markings on wing surfaces.

A&P *Nancy J. Howen* 3128656

**cctions, Tests, Repairs and Alterations**  
with Name, Rating and Certificate Number of  
ility. (See back pages for other specific entries.)

**SBI AIRCRAFT SERVICES**  
**LACONIA AIRPORT (KLCI)**  
**(603) 524-3180 (603) 528-6818**

**Date: 02/05/2017 N8461C EDM Tach 48.8**

**TTAF 3897.9**

Aircraft airframe was inspected I/A/W an annual  
inspection and found to be in an airworthy condition.

*Nancy J. Howen* At P 2257455817

**SBI AIRCRAFT SERVICES**  
**LACONIA AIRPORT (KLCI)**  
**(603) 524-3180 (603) 528-6818**  
**Date: 02/09/2018 N8461C**  
**EDM Tach 152.3 TTAF 3933.8**

Performed a 100-hr inspection I/A/W the New Piper Aircraft manual and generic checklist for this type aircraft airframe. Removed all interior seating and flooring pertaining to this inspection. Removed all exterior inspection covers on wings and fuselage. Jacked up aircraft and removed all wheels and brake pads. Replaced all brake pads part# APS66-06200. Cleaned inspected and repacked all wheel bearings with Shell #22 grease. Replaced left side main tire with new Good year 600.6 tire. Checked and lubed all flight control movable parts. Secured interior plastic around pilot side window. Checked and tightened all landing gear mounting bolts. Repaired nose gear fiberglass piece. Reinstalled all covers, flooring and seating. Performed ELT check I/A/W FAR91 part 207D and found satisfactory. **Next ELT battery change due by February 29, 2020**

A&P *Nancy J. Howen* 3128656

**n of Inspections, Tests, Repairs and Alterations**  
be endorsed with Name, Rating and Certificate Number of  
Repair Facility. (See back pages for other specific entries.)

**SBI AIRCRAFT SERVICES**  
**LACONIA AIRPORT (KLCI)**  
**(603) 524-3180 (603) 528-6818**  
**Date: 02/09/2018 N8461C**  
**EDM Tach 152.3 TTAF 3933.8**

I certify that this airframe has been inspected I/A/W an  
Annual Inspection and found to be in an airworthy  
condition  
*Nancy J. Howen* At P 2257455817

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104 Grafton Drive Portsmouth New Hampshire 03801  
FAA Certified Repair Station No. P49R490N

October 23, 2018 N8461C Piper PA32-301 S/N 32-8206006 Hobbs: 260.1 Tach: 232.3 W/O A13063  
Removed Aspen EFD1000 P/N 910-00001-001 S/N 22666 for repair. Reinstalled repaired Aspen EFD1000 PFD P/N 910-00001-001 S/N 22666 IAW Aspen EFD1000 PFD ICA and Installation Manual. Ground ops check good.  
The aircraft and/or components identified above were repaired in accordance with current FAR'S as well as manufacturer recommendations and are approved for return to service.

Authorized Signature: Corey Richards



104 Grafton Drive Portsmouth New Hampshire 03801  
FAA Certified Repair Station No. P49R490N

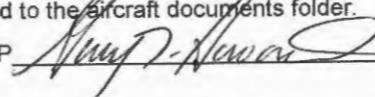
February 6, 2019 N8461C Piper PA32-301 S/N 32-8206006 Hobbs: 2634.6 W/O A13143  
Complied with Aspen SB2018-01 IAW aspen SB2018-01.  
The aircraft and/or components identified above were repaired in accordance with current FAR'S as well as manufacturer recommendations and are approved for return to service.

Authorized Signature: Corey Richards

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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SBI AIRCRAFT SERVICES  
LACONIA AIRPORT (KLCI)  
(603) 524-3180 (603) 528-6818  
Date: 04/2019 N8461C  
EDM Tach 267.4 TTAF 4068.9

Owner/Pilot complained about noticeable erratic noises coming from ships electric fuel pump and a drop in fuel flow when engine was running and electric fuel pump is turned on. Trouble shooting revealed failing electric fuel pump. Fuel pump, part # 1B5-6 and serial# 12F651 was removed and an overhauled fuel pump part# 1B5-6 with serial# 7T745 was installed. Ran engine for fuel system check and found all operations satisfactory and no leaks. Paperwork pertaining to this repair has been added to the aircraft documents folder.

A&P  3128656

**YEAR**

20

**DATE**



104 Grafton Drive Portsmouth New Hampshire 03801  
FAA Certified Repair Station No. P49R490N

March 9, 2018 N8461C Piner PA32-301 S/N 32-8206006 Hobbs: 2634.6 W/O A12900

March 9, 2018 N646TC Page 1 of 1  
Updated NGT 9000 software from version 2.0 to version 3.1 IAW L3 service bulletin 9029000-7.  
The aircraft and/or components identified above were repaired in accordance with current FAR'S as well as manufacturer recommendations and are approved for return to service.  
Authorized Signature: Corey Richards 

104 Grafton Drive Portsmouth New Hampshire 03801  
FAA Certified Repair Station No. P49R490N

**November 15, 2019 N8461C Piper PA32-301 S/N 32-8206006 Hobbs: 2634.6 W/O A13163**  
Removed the Aspen EFD1000 PFD Pro P/N 910-00001-001 S/N 22666. Received and installed EFD1000 PFD Pro MAX P/N 910-00001-011 S/N 28063 IAW Aspen SB2019-03. New AFMS 900-00008-001 rev AH placed in aircraft. New PFD MAP SW 302-00007-200 E (2.10) and IOP SW 302-00013-200 B (2.2). Ground operational check good.

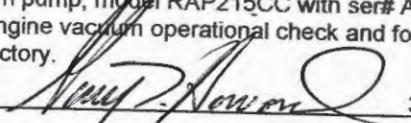
The aircraft and/or components identified above were repaired in accordance with current FAR'S as well as manufacturer recommendations and are approved for return to service.

**Authorized Signature: Bryan Frobese**

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
				be endorsed with Name, Rating and Certificate Number of Repair Facility. (See back pages for other specific entries.)
<b>SBI AIRCRAFT SERVICES</b> <b>LACONIA AIRPORT (KLCI)</b> <b>(603) 524-3180 (603) 528-6818</b> <b>Date: 02/19/2019 N8461C</b> <b>EDM Tach 250.8 TTAF 4052.3</b>				<b>SBI AIRCRAFT SERVICES</b> <b>LACONIA AIRPORT (KLCI)</b> <b>(603) 524-3180 (603) 528-6818</b> <b>Date: 02/19/2019 N8461C</b> <b>EDM Tach 250.8 TTAF 4052.3</b>
<p>Performed a 100-hr inspection I/A/W the New Piper Aircraft manual and generic checklist for this type aircraft airframe. Removed all interior seating and flooring pertaining to this inspection. Removed all exterior inspection covers on wings and fuselage. Jacked up aircraft and removed all wheels and brake pads. Replaced all brake pads part# APS66-06200. Cleaned inspected and repacked all wheel bearings with Shell #22 grease. Replaced left fuel tank quick drain F391-18. Replaced nose strut shrader valve, part # 492-401 and serviced front strut. Charges and service ship battery. Checked and lubed all flight control movable parts. Checked and tightened all landing gear mounting bolts. Reinstalled all covers, flooring and seating. Performed ELT check I/A/W FAR91 part 207D and found satisfactory. <u>Next ELT battery change due by February 29, 2020</u></p> <p>A&amp;P <u>James J. Newson</u> 3128656</p>				<p>I certify that this airframe has been inspected I/A/W an Annual Inspection and found to be in an airworthy condition</p> <p><u>Mark Munschwarz</u> A/P 225-7455AF</p>

104 Grafton Drive Portsmouth New Hampshire 03801  
FAA Certified Repair Station No. P49R490N

**July 8, 2019 N8461C Piper PA32-301 S/N 32-8206006 Hobbs: 2634.6 W/O A13233**  
Removed the defective Aspen Remote Sensor Module P/N 910-00003-001 S/N 201157 and installed a new RSM P/N 910-00003-011 S/N 204842 no mods IAW Aspen Install Manual. Ground operational check good.  
The aircraft and/or components identified above were repaired in accordance with current FAR'S as well as manufacturer recommendations and are approved for return to service.  
Authorized Signature: Bryan Frobese 

YEAR 20 _____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p style="text-align: center;"><b>SBI AIRCRAFT SERVICES</b>  <b>LACONIA AIRPORT (KLCI)</b>  <b>(603) 524-3180 (603) 528-6818</b>  <b>Date: 09/26/2019 N8461C</b>  <b>EDM Tach 316.7 TTAF 4120.9</b></p> <p>Owner/Pilot complained about loss of instrument vacuum and warning light. Trouble shooting revealed failed engine driven vacuum pump. Removed pump, model # AA215CC with ser# 7708 and installed new vacuum pump, model RAP215CC with ser# A71133. Ran engine vacuum operational check and found satisfactory.</p> <p style="text-align: center;">A&amp;P  3128656</p>

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

### AIRFRAME LOG ENTRY

Richmor Aviation, Inc.

Model: Piper PA-32-301

Serial Number: 32-8206006

Page 1 of 1

Registration #: N8461C

Date: 10/22/2019

Aircraft Tach: TOTAL TIME: Hobbs 2634.6

Installed new left main gear tire p/n 072-314-0 s/n 9119S00047 with new tube p/n 092-500-0

The aircraft and/or component(s) identified above was repaired and/or inspected in accordance with current federal aviation regulations and determined to be in airworthy condition with respect to the work performed. This aircraft is approved for return to service.

Signature: 

REFER TO WO# 3861  
REPAIR STATION#: BQVR582C


YEAR 20 DATE

**AIRFRAME LOG ENTRY**  
**Richmor Aviation, Inc.**

**Serial Number: 32-8206006**

**Date: 01/19/2022**

**TACH: 462.0**

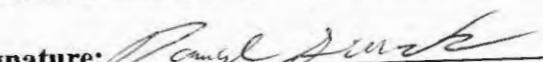
**Model: PA-32-301**

**Registration #: N8461C**

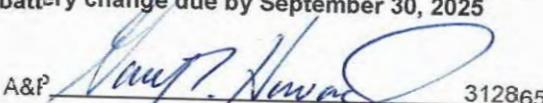
**Aircraft Total Time:**

Removed battery (P/N: RG-35AXC, S/N 40991100) and Installed new battery (P/N: RG-35AXC, S/N: 41201477) IAW PA-32-301 AMM 24-33-00.

The aircraft and/or component(s) identified above was repaired and/or inspected in accordance with current federal aviation regulations and determined to be in airworthy condition with respect to the work performed. This aircraft is approved for return to service. FAR 91.409 (F3)

**Signature:** 

all flight control movable parts. Checked and tightened all landing gear mounting bolts. Reinstalled all covers, flooring and seating. Performed ELT check I/A/W FAR91 part 207D and found satisfactory. Next ELT battery change due by September 30, 2025

A&P  3128656

**SBI** **LACC** **(603) 5** **Date: 1**  
**EDM Ta**

I certify that this aircraft  
Annual Inspection

  
IA

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

## **AIRFRAME LOG ENTRY**

## Richmor Aviation, Inc.

**Model: Piper PA-32-301**

Serial Number: 32-8206006

Registration #: N8461C

Date: 10/22/2019

Aircraft Tach: TOTAL TIME: Hobbs 26346

Installed new left main gear tire p/n 022-314-0 s/n 9119S00047 with new tube p/n 092-500-0

The aircraft and/or component(s) identified above was repaired and/or inspected in accordance with current federal aviation regulations and determined to be in airworthy condition with respect to the work performed. This aircraft is approved for return to service.

**Signature:**

REFER TO WO# 3861  
REPAIR STATION#: BOVR582C

Page 1 of 1

SBI AIRCRAFT SERVICES  
LACONIA AIRPORT (KLCI)

(603) 524-3180 (603) 528-6818

Date: 02/11/2020 N8461C

EDM Tach 345.5 TIAF 4147.0

Performed a 100-hr inspection I/A/W the New Piper Aircraft manual and generic checklist for this type aircraft airframe. Removed all interior seating and flooring pertaining to this inspection. Removed all exterior inspection covers on wings and fuselage. Discovered inoperative Pitot heat and replaced pitot, part# 96392-800. Operational check satisfactory. Jacked up aircraft and removed all wheels. Replaced right side tire and tube, part# Good Year Flight Special 600.0 and Michelin 600.6 inner tube. Cleaned inspected and repacked all wheel bearings with Shell #22 grease. Charged and service ship battery. Checked and lubed all flight control movable parts. Checked and tightened all landing gear mounting bolts. Reinstalled all covers, flooring and seating. Performed ELT check I/A/W FAR91 part 207D and found satisfactory. Next ELT battery change due by September 30, 2025

A&P May 1 Novac 3128656

**ctions, Tests, Repairs and Alterations**  
d with Name, Rating and Certificate Number of  
ility. (See back pages for other specific entries.)

**SBI AIRCRAFT SERVICES**  
**LACONIA AIRPORT (KLCL)**  
**(603) 524-3180 (603) 528-6811**  
**Date: 02/11/2020 N8461C**  
**EDM Tach 345.5 TTAF 4147.0**  
**This airframe has been inspected**

I certify that this airframe has been inspected I/A/W an Annual Inspection and found to be in an airworthy

Condition of Mechanics  
At 9 2257455 AT

YEAR	DEPENDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
20 DATE				
	5/20/2022 N8461C Tach 470.2 Total time- 4271.7 Airframe repairs and service per Piper PA32-301 Maintenance Manual. Install new exhaust mufflers and stacks. See tags. Torque flanges. Run up to temp and retorque. New gaskets and clamps used. See AD list for ADs. FAR91.207D ELT. Install new nose wheel shaft tube. Weighed aircraft and revised Flight manual. Perform prop balance. IFR cert completed. Aircraft inspected in accordance with an annual inspection and determined to be airworthy. Neil Munschwaner A&P2257455AI <i>Neil Munschwaner</i>			
	8/9/2023 N8461C 484.1 Tach 4285.6 Total Check AD's. Inspect per Piper PA32-301 inspection form. N Service bulletins C/Wd with at this time. Inspect ELT per FAR91.207D due again 8/24. Install O/H'd fuel boost pump. Reinstall both metal and bladder tanks Eagle overhauled bladder tanks and New England Aero Service. See Sign offs. Fill leak check and check fuel qty calibration. Inspect aircraft in accordance with an annual inspection and determine to be airworthy. Neil Munschwaner A&P2257455AI <i>Neil Munschwaner</i>			

**SBI AIRCRAFT SERVICES**  
**LACONIA AIRPORT (KLCI)**  
**(603) 524-3180 (603) 528-6818**

Date: 04/05/2021 N8461C

**EDM Tach 432.6 TTAF 4234.1 Hobbs 477.2**

Performed a 100-hr inspection I/A/W the New Piper Aircraft manual and generic checklist for this type aircraft airframe and in compliance with the scope and detail of FAR Part 43 Appendix D. Removed all interior seating and flooring pertaining to this inspection. Removed all exterior inspection covers on wings and fuselage. Jacked up aircraft and removed all wheels. Cleaned inspected and repacked all wheel bearings with Shell #22 grease. Removed and serviced ship battery. Discovered broken battery connection plate and replaced, part# 17555-00. Replaced worn nose wheel tire with new Goodyear 600.6 (8) ply tire and new Michelin innertube. Discovered pilot side left brake soft and resealed both pilot side master cylinders with new o-rings and seals. Replaced all brake pads with new 066-06200 pads. Bled brake system checked operation and found satisfactory. Replaced instrument suction filter, part# D-9-18-1 and vacuum filter, part# B3-5-1. Complied with mandatory Service Bulletin 856 by cleaning small rust spots from surface of bracket, painting and treating with AV8 corrosion preventative. Checked and lubed all flight control movable parts. Checked and tightened all landing gear mounting bolts. Reinstalled all covers, flooring and seating

YEAR	DEPENDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
	STELLAR Avionics Services, LLC LOG ID# 3744 N8461C	Chester Airport 16-May-2022 S/N 32-820606	Chester, CT 06412 WO# 18418 PIPER	FAA CRS YZSR344Y REF# A18418 PA-32-301

Pg 1/1

1) Complied with FAR 91.411 Biennial Altimeter Test/Inspection for Aspen EFD-1000 PFD Altimeter S/N 8063 to 20,000' in Accordance with FAR Part 43, Appendix E, and Found Airworthy.

2) Complied with FAR 91.411 Biennial Altimeter Test/Inspection for United 5934PD-1 Altimeter S/N 1A769 to 20,000' in Accordance with FAR Part 43, Appendix E, and Found Airworthy.

3) Complied with FAR 91.413 Biennial Transponder Test/Inspection for L-3 LYNX NGT-9000 Transponder S/N LX00675 in Accordance with FAR Part 43, Appendix F, and Found Airworthy.

The 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 for the work performed. Pertinent details of the repairs are on file at this repair station under the Work Order listed above.

END

*Neil Munschwaner* 16 May 2022  
YZSR344Y Date

Performed ELT check I/A/W FAR91 part 207D and found satisfactory. Next ELT battery change due by September 30, 2025

A&P *Neil Munschwaner* 3128656

**SBI AIRCRAFT SERVICES**  
**LACONIA AIRPORT (KLCI)**  
**(603) 524-3180 (603) 528-6818**

Date: 04/05/2021 N8461C

EDM Tach 432.6 TTAF 4231.1 Hobbs 477.2  
I certify that this airframe has been inspected I/A/W/ an Annual Inspection and found to be in an airworthy condition

*Neil Munschwaner*  
A&P 2257455AI

4647 (10-11-2024)

Page 1 / 1

MAKE: PIPER  
MODEL: PA-32-301  
S/N: 32-8206006  
REG. NO: N8461C



**Richmor Aviation**  
FAA Cert: BQVR582C  
PO BOX 423  
Columbia County Airport  
Hudson, New York 12534

W/O # 4647  
DATE: 10-11-2024  
A/C TT:  
Hobbs:  
A/C Tach: 511.7

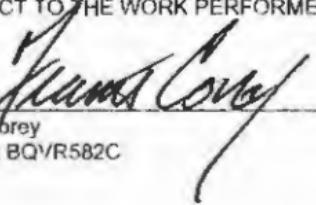
### Airframe Entries

• Bleed the LT & RT brake systems. Serviced the brake reservoir as needed. ... • Removed the top engine cowling. Jacked the aircraft and removed the nose gear fork and piston tube as an assembly. Found the top snap ring, pn: 484-720, distorted, removed and installed a new snap ring, pn: 484-720. Reinstalled the nose gear fork and piston tube. Serviced the nose strut and removed the aircraft from jacks. Reinstalled the top engine cowling. ... • Installed a new fastener, pn: 487-707, into the lower engine cowling for the induction air filter panel.

THE AIRCRAFT AND/OR COMPONENT(S) IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND DETERMINED TO BE IN AN AIRWORTHY CONDITION WITH RESPECT TO THE WORK PERFORMED. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

DATE: 10-11-2024

SIGNED:

  
Francis Corey  
FAA Cert: BQVR582C

WORK ORDER: 4647

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# Sky Bright



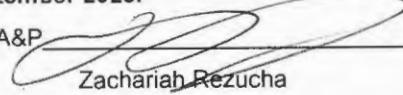
Laconia's Premiere Full-Service FBO

(603) 524-3180 maint@skybright.com

Date: 9/5/2024 N8461C EDM Tach 509.5

TTAF: 4310.4 TTE: 563.5

Performed a 100-hour inspection I/A/W the Piper service manual checklist for this airframe. Removed interior seating and inspection covers. Removed exterior inspection covers and access panels required to perform this inspection. Checked all flight controls and attachment points. Lubed all flight control hinges and movable control mechanisms, as necessary. Re-sealed nose strut and serviced with 5606 and nitrogen. Repaired muffler shroud with new oversized rivets. Checked ELT I/A/W FAR 91-207D and found satisfactory. Next battery change due by September 2025.

A&P  4474543

# Sky Bright

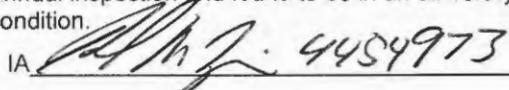


Laconia's Premiere Full-Service FBO

(603) 524-3180 maint@skybright.com

Date: 9/5/2024 N8461C Tach 509.5

I certify that this airframe has been inspected I/A/W an Annual inspection and found to be in an airworthy condition.

IA  4454973

# Sky Bright



Laconia's Premiere Full-Service FBO

(603) 524-3180 maint@skybright.com

Date: 9/12/2025 N8461C Tach 520.2

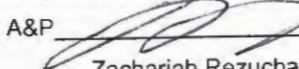
Reviewed records during annual and found discrepancies with airframe/engine times. After review and research, the times are as follows:

**Total Airframe Time:** 4369.3

**Total Engine Time:** 574.2 (factory reman)

**Add to Tach Time to get ETT:** 54.0

**Tach Time at EDM install:** 3849.1 (new tach started 0.0)

A&P 

Zachariah Rezucha

4474543

**Date:** 09/12/2025 **Hours:** TTAF: 4369.3 Tach: 520.2 TTE: 574.2 Hobbs: 2634.6

**Tail#:** N8461C

**Make:** Piper

**Model:** PA-32-301

**S/N:** 32-8206006

Performed an annual inspection I/A/W FAR 43 Appendix D and aircraft service manual. Checked AD's and updated list as necessary. Removed inspection covers and access panels required to perform this inspection. Checked all flight controls and attachment points. Lubed all flight control hinges and movable control mechanisms, as necessary. Checked ELT I/A/W FAR 91-207D and found satisfactory. Installed new ELT battery. EXP date November 2032. Installed new nut plates for rear seats. Installed grip-serts in wing bolt cover panels.

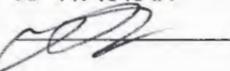
Parts Used: 8322 ELT battery (Qty: 1)

I certify that this aircraft has been inspected IAW an annual inspection as per the manufacturer's service manual and was determined to be in an airworthy condition.

 **Zach Rezucha**

Sky Bright

**Cert:** AP 4474543 IA

**Sign:** 

**Tests, Repairs and Alterations**

, Rating and Certificate Number of  
ck pages for other specific entries.)