

Aircraft Record General Information

Manufacturer CESSNA Model 152
Serial 15280303 Registration Number N24515
Date of Manufacture _____
Engine(s) currently installed:
Manufacturer Lyc Model O235-L2C Serial L-13824-15
Manufacturer _____ Model _____ Serial _____
Propeller(s) currently installed:
Manufacturer _____ Model _____ Serial _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.
570/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING O-235-L2C L 14884-15
MAKE MODEL SERIAL
FROM 5 May 2003 19 TO _____ 19
DETAILING TIME FROM AK TACH 00.00 TO _____
HOURS HOURS

SSP 1872-1

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October 1994

YEAR: _____ 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.)
01/09/11	00:00	00:00	00:00	I certify that this <u>AIKRAFT</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in a airworthy condition. Tach. Time <u>580.2 Hrs</u> Date <u>15 July 2011</u> <u>[Redacted]</u> <u>A&P [Redacted] A&I</u> <u>AK #T 4660-91 Hrs</u>

DATE _____

YEAR: _____ 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.)
				17-5
C/W 9/1 207.		P.A.I.	S.	I. that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in a airworthy condition.
C/W AD 24-10-85				Tach. Time 597.2 Hrs
PAT no 6				Date 5 NOV - 2015
s ni ed ot banimated				
.				A&P [redacted] A&I
.				ACTT 4678.41 Hrs

DATE _____

YEAR: _____ 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.)
8/14/91	207	part 1		I certify that this <u>AIRCRAFT</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in a airworthy condition. Tach. Time <u>603.6 HRS</u> Date <u>12 OCT. 2016</u> <u>[Redacted Signature]</u> <u>[Redacted Name]</u> A & P <u>[Redacted Name]</u> A & T <u>S.M.O.A. 603.6 HRS</u> <u>A.T. 4684.31 HRS</u>
8/14/91	207	part 1		
8/14/91	207	part 1		
8/14/91	207	part 1		
8/14/91	207	part 1		

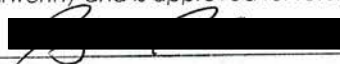
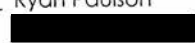
YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Date: 12-13-17				Tach Reads: 1023.5 Hrs.
Aircraft TT: 5104.21 Hrs; TSLA: 419.9 Hrs				
Inspected Pulleys, Cables And Control Surfaces; Replaced Air Filter P/N BA-4108; Performed Op's Check On All Lights, Strobes And Beacons; Replaced Landing Bulb; Serviced Brake Reservoir; Tested ELT IAW FAR 91.207; Installed New ELT Battery, ELT Battery Expiration Dated Dec. 2019; Inspected And Serviced Aircraft Battery; Inspected Heat Muff And Pressure Tested; Cleaned And Safetied Gascolator; Installed New Air Hawk 6.00-6 Main Tires And Tubes, Installed New Air Hawk 5.00-5 Nose Wheel Tire And Tube; Replaced All Wheel Bearings And Races Using New Timken -20629 PMA'd Parts, Packed Using Mobil SHC 100 Grease, Cleaned Wheels And Inspected For Cracks; Removed Nose Strut, Disassembled, Cleaned And Replaced All Seals And Packings Using Cessna Kit P/N SK172-1F, Serviced With 5606 And Nitrogen, Replaced Schrader Valve Core And Base Seal; Added Shims In Nose Fork Rotating Assembly "AR"; Added Shims In Torque Links "AR"; Serviced Shimmy Dampener With 5606; Installed New O Rings In Fuel Primer; Replaced Hobbs Pressure Switch; See Updated AD Compliance List; All Work Done IAW Applicable Service Manuals; <u>I Certify This Aircraft Has Been Inspected IAW An Annual Inspection And Was Determined To Be Airworthy At This Time.</u>				
Steve D Hennigs AP [REDACTED] IA [REDACTED]				

YEAR:
DATE

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
DATE				
MOORHEAD AVIATION SERVICES				
[REDACTED] GLYNDON MN 56547 [REDACTED]				
Work Order No. 1111				
DATE: 4/10/18				
TACH: 1033.5				
N24515				
Installed and tested Garmin GDL82 ADS-B Compliant Universal Access Transceiver, P/N 011-03946-40, S/N 4PF000527 along with associated GA35 GPS Antenna, P/N 013-00235-00, S/N 145624 In Accordance With GDL82 STC Installation Manual, Doc. No. 190-01810-10, Revision 1 dated December 2018. The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR section 91.227. See FAA Form 337 dated this date for further details.				
Removed KT76A Transponder and replaced with Garmin GTX327, P/N 011-00490-00, S/N 83723239 In Accordance With Garmin GTX327 Installation Manual, Garmin Doc. No. 190-00187-02, Rev. R dated May 2014. Performed the tests and inspections required by FAR Part 91.413. Found to be in compliance with Part 43, Appendix F and Appendix E, Par. (c).				
Installed wiring provisions for Garmin GDL52 ADS-B / XM Receiver and Aera 660 Portable GPS. Ramp tested and found to be satisfactory.				
Removed David Clark Intercom and replaced with PS Engineering PM3000, P/N 11931A, S/N G09782A In Accordance With PM3000 Installation Manual, Doc. No. 200-193-005, Revision 9 dated May 2015. Ramp tested and found to be satisfactory.				
OVER →				

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YEAR: 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.)
				Removed 4000B-8 Directional Gyro, P/N 1U262-001-9, S/N 70027D and sent to factory for repair. Reinstalled unit upon return from service. Ramp tested and found to be satisfactory.
				Removed RCA21-14 Horizon Gyro and replaced with new RCA22-15 Horizon Gyro, S/N 218B039. Ramp tested and found to be satisfactory.
				Removed Turn Coordinator and replaced with new P/N 1394T100-7Z, S/N H17-12514. Ramp tested and found to be satisfactory.
				Removed PAI-700 Vertical Card Compass and replaced with new unit, S/N 91719. Performed compass swing and installed correction card.
				I certify that the aircraft, airframe, or appliance listed above was inspected, repaired, or altered in accordance with current rules of the Federal Aviation Regulations and was found airworthy and is approved for return to service for the work performed.
				 Ryan Paulson 

YEA
DAT

Repair

YEAR: 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.)
				June 23, 2018 Tach: 1186.6 N24515 AC log entry
				Trouble shot charging system, discovered field resistance high. Replaced brushes Aero Electric PN: ASG10023-2 IAW Cessna MM- Charging System (38, 52, and 60 Amp). OPS Check good at this time.
				I certify that this aircraft/engine/ component have been repaired/ inspected in accordance with all pertinent FARs and is approved for return to service.
				Arlen Sandland A&P  IA 

ENGINE LOG

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
12/11/13			Tach time 571. Changed oil & filter, cleaned plugs. 6 quarts aeroshell 15W50. Filter # CH48110-1	[Signature]	3110319
DIFF. 1.78/80 to 2.85/80 3.65/80 to 4.79/80					
AD 2012 = 03-07 N/A					
Page Total			I certify that this <u>ENGINE</u>		
Brought Forward			has been inspected in accordance		
Total to Date			with an <u>ANNUAL</u> inspection		
			and was determined to be in a		
			airworthy condition.		
			Tach. Time <u>580.7 Hrs</u>		
			Date <u>16-5</u>		
			All Repair Data Must Bear the Endorsement of a		
			Certificated Mechanic, and his Rating and		
			Certificate Number MUST be Shown.		
			A&P [Signature] A.&t		

ENGINE LOG

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2/10/15			Tach time 584. Changed oil, 6 quarts Aeroshell 15W50. Replaced oil filter, #CH48110-1	[Signature]	3110319
DIFF. 1.35/80 to 2.24/80 3.75/80 to 4.50/80					
AD 2012 = 03-07 N/A by Type					
Page Total			I certify that this <u>ENGINE</u>		
Brought Forward			has been inspected in accordance		
Total to Date			with an <u>ANNUAL</u> inspection		
			and was determined to be in a		
			airworthy condition.		
			Tach. Time <u>597.7 Hrs</u>		
			Date <u>5 NOV 2015</u>		
			All Repair Data Must Bear the Endorsement of a		
			Certificated Mechanic, and his Rating and		
			Certificate Number MUST be Shown.		
			A&P [Signature] A.&t		

ENGINE LOG

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
12 OCT. 2016			TACH 603.6 Hrs Taped overhauled ENGINE - 8201 HARRISON ENGINE W/ 11807, 8130-3 TAGS on oil bearing seal and CHANGED OIL & FILTER - Shell Rotomax 48110-1 Replaced INTAKE hoses STD 1196, 1/2" GASKET, INTAKE GASKETS, SHOOT SEAL AND EXHAUST GASKETS.	[Signature]	
Page Total			All Repair Data Must Bear the Endorsement of a		
Brought Forward			Certificated Mechanic, and his Rating and		
			Certificate Number MUST be Shown.		
			A&P [Signature] A.T		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			I certify that this <u>Engine</u>		
			has been inspected in accordance		
			with an <u>ANNUAL</u> inspection		
			and was determined to be in a		
			airworthy condition.		
			Tach. Time <u>6036 Hr</u>		
			Date <u>12 OCT. 2016</u>		
			<u>[REDACTED]</u>		
			<u>S.M. - O.H. - 603.6 Hr</u>		
			<u>A & P [REDACTED] A. & T</u>		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
Date: 12-13-17			Tach Reads: 1023.5 Hrs.		
Engine TT: 3946.5 Hrs; Engine TSMOH: 1023.5 Hrs; Engine TSTOH: 419.9 Performed Compression Test, Cylinders 1) 70/80 2) 70/80 3) 65/80 4) 67/80; Solvent Washed Entire Engine; Drained Engine Oil, Cleaned Screen, Serviced W 6 Quarts Phillips XC 20W50 Oil; Replaced #2 Valve Cover Gasket, Intake Gasket And All 4 Push Rod Tube Gaskets; Replaced All Rubber Rocker Box Drain Tube Lines; Installed New Gasket On Dipstick Base; Cleaned And Gapped All Spark Plugs; Removed Magnetos for 500 Hour Inspection By RLB Accessory Service Of Addison Il Under Work Order Numbers 17558 And 17559, Reinstalled Using New Gaskets On Mag Base And Under Mag To Engine Adapters; Removed Carburetor For Repair By RLB Accessory Service Of Addison Il Under Work Order Number 17556, Float Kit 666-1000 Now Installed, Reinstalled Using New Gaskets, Adjusted Idle; Checked Engine Controls For Security, Free Travel, And Hitting Stops; See Updated AD Compliance List; All Work Done IAW The Applicable Service Manuals. <u>I Certify This Engine Has Been Inspected IAW A 100 Hr. Inspection And Was Determined To be Airworthy At</u> <u>This Time.</u> Steve D Hennigs AP [REDACTED] [REDACTED]					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
Date: 12-13-17			Tach Reads: 1023.5 Hrs.		
Propeller TT: 5104.21 Inspected Prop, Spinner, And Bulkhead; Performed Blade Track; Dressed Blades. See Updated AD Compliance List; All Work Done IAW The Applicable Service Manuals. Steve D Hennigs AP [REDACTED] [REDACTED]					

MAINTENANCE RELEASE

UNIT NAME Magneto SERIAL NO. 03020693
 PART NO. 4381 MFG. Slick
☐ OVERHAUL ☒ REPAIRED ☒ TESTED ☒ INSPECTED ☐ FUNCTIONAL TESTED

The Aircraft component identified above was repaired and/or 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 repair are on file at this repair station under work order # 17559

OWNER: Wheatland DATE: 12-11-17 SIGNED FOR: [REDACTED]

RLB ACCESSORY SERVICE

[REDACTED] Addison, Illinois 60101-1221
 FAA Approved repair station # KB2R946K

Serial No.

MAINTENANCE RELEASE

Addison, Illinois 60101-1221
FAA Approved repair station # KB2R946K

MAINTENANCE RELEASE

Addison, Illinois 60101-1221
FAA Approved repair station # KB2R946K

CSSNA 152

PROPELLER MAINTENANCE RECORD

LEFT ENGINE

Hub Model 72CK 56-0-54

Blade Design SENSENBICH

Diameter 72"

Hub Ser. No. K 3907

Blade Ser. Nos.

No. 1 _____

No. 2 _____

No. 3 _____

No. 4 _____

No. 5 _____

PITCH RANGE
OVERHAUL DATE
HIGH _____ LOW _____

Feather _____ Reverse _____

Governor Model _____

RIGHT ENGINE

Hub Model _____

Blade Design _____

Diameter _____

Hub Ser. No. _____

Blade Ser. Nos. _____

No. 1 _____

No. 2 _____

No. 3 _____

No. 4 _____

No. 5 _____

PITCH RANGE
HIGH _____ LOW _____

Feather _____ Reverse _____

Governor Model _____

[illegible]

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 2877	
4. Organization Name and Address: ANDERSON PROPELLER CO., [REDACTED] ASHBY, MN 56309 FAA APPROVED REPAIR STATION #K8NR819X				5. Work Order/Contract/Invoice Number: 2877	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
PROP	MODEL: 72CK56-0-54		1	SERIAL NO.: K3907	OVERHAUL
12. Remarks: OVERHAUL SENSENICH PROPELLER MODEL 72CK56-0-52, SERIAL NO. K3907, REPITCH TO MODEL 72CK56-0-54, SERIAL NO. K3907, PER MANUAL #SPRM-590, AND MFG. INSTRUCTIONS. SET PITCH AND TRACK, FACE ALIGNMENT, STRIP PROP, MEDIUM GLASS BEAD HUB, GRIND, DIMENSION CHECK, CHROMIC ANODIZED, ALODINE HUB, PAINT EPOXY GRAY, FINAL BALANCE, REMOVE AND INSTALL SPACER COMPLIED WITH: AD 66-23-02, S/B R-12A, S/B 80-1TORQUE MOUNTING BOLTS TO 23 TO 25 FT. LBS. (DRY), S/B R-15A OVERHAUL TIME = 1000 HOURS FLIGHT TIME.					
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Approval/Certificate No.: K8NR819X	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Authorized Signature: [REDACTED]	
13f. Name (Typed or Printed): KENNETH R. ANDERSON		13g. Date (dd/mm/yyyy): 08/01/2018		14d. Name (Typed or Printed): KENNETH R. ANDERSON	
14e. Date (dd/mm/yyyy): 08/01/2018					
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					