



The Standard

AIRCRAFT LOG

ASA-5A-7

Aircraft Record General Information

Manufacturer _____ Model S-21
Serial 12180029 Registration Number N3214m
Date of Manufacture 7/2/2021

Engine(s) currently installed:

Manufacturer LYCOMBING Model 10 320 B1A Serial 0214
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer HARTZELL Model HC-C2YL-1B/7663-4 72"

HUB Model _____ Serial CH 27914 Serial _____

Blade Model _____ Serial ① B85 444 Serial ② B85 250 Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

YEAR 20 <u>21</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
7-1-21	0.0	-	0	<p>PRE DAR, INSPECTION - CONDITION INSPECTION</p> <p>I certify this aircraft has been inspected on July 1, 2021 in accordance with the scope and Detail of Appendix D to Part 43 and has been found in a condition for safe operation. <i>Lana Stankov</i></p> <p>I find that the aircraft meets the requirements for the certification requested and have issued a Special Airworthiness Certificate and Limitations dated <u>07/02/2021</u> in the Experimental category, for the purpose of operating Amateur Built Aircraft. The next condition inspection is due on <u>07/2022</u>.</p> <p>Signature: <i>Richard T. Dilbeck</i></p> <p>Richard T. Dilbeck, DAR-T 999996656 AWP-25</p>

YEAR 2021 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.)
9/24/21	4.5	✓	4.5	ROBULE FIELD CKT BREAKER (120)
11/21	6.5	✓	6.5	REPLACE MAIN ALTERNATOR WITH B/C 40A UNIT (120)

Accurate Aero, LLC CRS# 74CR304D
2183 Taxiway F Hangar A-1, Minden, NV 89423

Aircraft N#: 321CM TACH: 9.9 HOBBS: _____

Details of this inspection are on file at this facility under:

Date: 12/1/2021 WO#: 21-2010

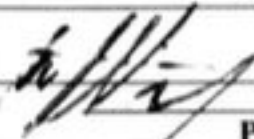
Make/Model: Cessna 172 S/N: _____

Make/Model: _____ S/N: _____

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.

Tech: APP3421289 Signature: 

2/4/22	17.2	✓	17.2	Replace Battery #1 (Main) (LS) (120)
3-1-22	17.2	✓	17.2	INSTALL NOSE GEAR UPGRADE PARTS L.A.W. RWY SB 141 (120)

YEAR 20 <u>22</u> 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.)
4/1/22	40.0	-	40.0	I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous operating characteristics or design features, and is safe for operation. The following aircraft operating data has been demonstrated during the flight-testing speeds: <div style="text-align: right; margin-right: 50px;">  2163353 / Laura A. Stankay #4082132 PIC / Signature & Cert. No. </div>
6/21/22	43.7	-	43.7	Inspection Plates and Control Surfaces reassembled
7-12-22	47.0	-	47.0	after painting
7-12-22	47.0		47.0	INSTALLED GRT MOD "A" INTO MAIN EFIS units (A-3)
7-29-22	48.7		48.7	"ANNUAL" INSPECTION. SEE NOTES ON INSPECTION SHEET DATED 7-29-22. OIL & FILTER CHANGED SUCTION SCREEN INSPECTED, STARTED CAN GUARD

YEAR 20 <u>23</u> 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.)
				I certify that this aircraft has been inspected on _____ in accordance with the scope and detail of Appendix D to Part 43 and found to be in a condition for safe operation. Total Time: <u>48.7</u> , Date: <u>7-29-2022</u>
				Signature: <u>Laura Starkey</u> Cert. No. <u>4648187</u> Print: <u>Laura Starkey</u> Kind of Certificate <u>Repairman</u>
<u>5-10-23</u>	<u>62.9</u>	<u>-</u>	<u>-</u>	<u>REMOVE BONDING KING A/P HEAD & REPLACE WITH</u>
<u>5-19-23</u>	<u>63.7</u>	<u>-</u>	<u>-</u>	<u>TRU TRACK DIGIFLIGHT II VSGU CONTROL HEAD (MJC)</u>
<u>5-19-23</u>	<u>63.7</u>	<u>-</u>	<u>-</u>	<u>INSTALL RONS RFK 54 AFT RUDDER PULLEY SYSTEM (MJC)</u>
<u>9/21/23</u>	<u>67.8</u>	<u>-</u>	<u>-</u>	I certify this aircraft has been inspected in accordance with the scope and detail of Appendix D, Part 43 and found to be in a condition for safe operation. Laura Starkey Laura Starkey Repairman Cert. No. 4648187

YEAR 20 <u>24</u> 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.)
2/15/24	83.8	-	83.9	D main tire repair. Both main tires installed tubes. Disc brakes inspected w/ 75-80% remaining. Bearings Packed. Jack Logs on both mains installed. Jacky Repair #4648181
2/8/25	89.9	-	89.9	I certify that this aircraft has been inspected in accordance with the scope and detail of appendix D, Part 43 and found to be in a condition for safe operation. Laura Starkey Jama Starkey - Repairman Certificate Number 4648187.
8-20-25	91.9		91.9	REPLACED MAIN BATTERY WITH "BIB CRANK" 1/1/25
5/11/26	96.0		96.0	I certify that this aircraft has been inspected in accordance with the scope and detail of appendix D, Part 43 and found to be in a condition for safe



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ENGINE LOG

ASL-GE-1

Engine Record General Information

Manufacturer LYCOMING Model 10320 B1A

Serial 0214 Type Certificate _____

This engine is currently installed in aircraft: RANS S-21 N 321LW1

Minimum Octane Fuel 93 Oil Grade: Summer 20 50 Winter 20 50

Magneto Time N/A Point Setting N/A Firing Order _____

Spark Plug Gap .032

Manufacturer's Recommended Overhaul at 2000 hours

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.)
	0	N/A	0 FMO	FRESH OVERHAULLED ENGINE INSTALLED ON AIRFRAME (MIS)
11-21-21	6.5	.8		INSTALLED NEW B+C 40A ALTERNATOR (MIS)
12-2-21	9.3	/	9.3	OIL CHANGE - INSPECT SCREW & FILTER ALL
7-22-22	18.7	/	48.7	OIL REFILL 5 QT 50W MINERAL (MIS)
7-29-22	48.7	/	48.7 ^{F01}	CHANGE OIL, INSPECT SCRP STRAINER, CHECK COMPRESSION
				80-79-79-79, REPAIR RIFLING RIVETS, FILL 6 QT
				OIL & ADD OIL GUARD, CLEAN/WO PLUGS.
7-12-22	50.7	N/A	50.7	BALANCE PROP. PARWORK IN BUILD MANUAL
9/24/23	67.8		67.8	Oil & Filter to K&P stainless steel micronic oil filter
				installed, oil & camguard replaced. Plugs changed ^{LS} #4645187
2/8/25	89.9		89.9	O ₂ Sensor replaced during annual. Oil changed,
				Compression check - #1-80 #2-78, #3-78, #4-79.



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PROPELLER LOG

ASA-501



2-3 PUMPS FRONT FITTINGS @ ANNUAL

REAR ZERT IS PLUG ONLY

THIS PROPELLER WAS LUBRICATED WITH Here Shell #5 THIS GREASE MUST BE USED ON ALL SUBSEQUENT LUBRICATIONS.

LABEL A-3594

Western Aircraft Propeller Service
42313 SE Oral Hull Rd. Sandy River Airport
Sandy, OR 97055
Maintenance Record

WO# HB-24625 Mfg. Hartzell Propeller HC-C2Y(L-1B/7663-4 72"
Hub Serial- CH27914 Blade Ser-1.B85444 2.B85250

Overhaul and Recondition for experimental application. AD Notes 2001-07-03, AD 2003-01-03, AD2003-13-17, AD2005-14-11, AD2006-24-07, AD2007-26-09, complied at overhaul Propeller for 0320 Configuration.

Laurie Marshall

Repairman

08/24/2019

DATE

Propeller for Homebuilt or Experimental Use Only. Propeller configuration And installation may exceed the TC's design limitations published by the OEM

Propeller Record General Information

Propeller Manufacturer HARTZELL

Model HC-C2Y L-1B/7663-4 72"

Hub Series # CH 27914

Date of Manufacture ^{OVERHAUL} 8-24-2019

Type _____

Blade ① B85444 ② B85250

Make/Model

Aircraft Installed On: RANS S-21 6-1-2021

Serial #

12180029 (m29)

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Year: 2022	Total Time in Service UNKNOWN 48.7	Description ANNUAL CONDITION INSPECTION, GREASED HUB AERO SHELL #5, DRESSED SMALL SCRAPES @ SPINNER REAR PLATE - RE PAINTED AS NEEDED
Date: 7-29		
Next Inspection Due:	Time Since Overhaul 48.7	Mech. Cert. # or Repair Station # XXXXXXXXXX
Year: 2023	Total Time in Service UNKNOWN	Description Annual Condition inspection. Greased hub w/ Aero Shell #5 - 3 pumps each front cert.
Date: 8/5		
Next Inspection Due:	Time Since Overhaul 67.2	Mech. Cert. # or Repair Station # Same Station # 4648187
Year: 2025	Total Time in Service 89.9 ^{510H}	Description ANNUAL INSPECTION - SHELL #5, GREASE 3 PUMPS @ ZAT BLADE (CONDITION CHECKED, SPINNER INSPECTED) FOR CRACK
Date: 2-8		
Next Inspection Due:	Time Since Overhaul 89.9	Mech. Cert. # or Repair Station # XXXXXXXXXX

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Year: <u>2026</u>	Total Time in Service	Description ANNUAL INSPECTION - LUBE WITH SIZOL #5 GREASE
Date: <u>5-3</u>	<u>42KWHR</u>	
Next Inspection Due:	Time Since Overhaul	INSPECT HUB, BLADES & SPINNER FOR DAMAGE
	<u>96.0</u>	
		Mech. Cert. # or Repair Station # <u>Attley</u>
Year: _____	Total Time in Service	Description
Date:		
Next Inspection Due:	Time Since Overhaul	
		Mech. Cert. # or Repair Station # _____
Year: _____	Total Time in Service	Description
Date:		
Next Inspection Due:	Time Since Overhaul	
		Mech. Cert. # or Repair Station # _____