

ASA-SA-1

Aircraft Record General Information					
Manufacturer Brad Goff		_ Model _ Rans_	5-21		
Serial 10 800 8 Date of Manufacture 20 9		Registration Number _	N63 B	3 &	
Engine(s) currently installed: Manufacturer LYCOMING Manufacturer		0360 AIA	Serial _		- M-
Propeller(s) currently installed:	- DW	Model	1		- 6
HUB Model	Serial _		Serial _		
Blade Model	Serial _	Serial		Serial	
Blade Model	Serial _	Serial		Serial	
	A1,4 (1)		-		-

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.)
				I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED ON 6-7-19 I.A.W. FAR PART 43 APPENDIX D AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION. DATE 6-7-19 I FIND THIS AIRCRAFT MEETS THE REQUIREMENTS FOR A SPECIAL AIRWORTHINESS CERTIFICATE FOR THE PURPOSE OF OPERATING AMATEUR BUILT AIRCRAFT AND HAVE ISSUED A SPECIAL AIRWORTHINESS CERTIFICATE AND OPERATING LIMITATIONS DATED 6-7-19 NEXT CONDITION INSPECTION DUE 6-30-26
				TIM WILSON 076784638

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.)
		A second		I Certify that the prescribed
				flight test has been completed
		10.0	2 -4	and the aircraft is controllable
11.5	1	1	2 3.0	throughout It's normal range of speeds
				and throughout all maneuvors to be
				executed, has no hozardous operating
				Characteristics or design features, and is
				Safe for operation.
			-6	I certify that the following aerobatic
	7	, pt.	4.91	moneuvers have been test flown, and
				that the aircraft is controllable through
				the meneuvers normal range of spece
				" over"

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.)
				The flight-tested aerobatic maneuvers
	-			and speeds are Spins out 4,000 Agh, at stall - Rolls at 4,000 AGh, at 130-150 MPH
		- 1,		+ Spins oct 4,000 Agh, at stall
_	15.15			- Rolls at 4,000 AGL, at 130-150 MPH
	-			
			1	
	123	1		
			-	
				Bred Goff November 5, 2019
				Bud MOH
	1 4 %			100

YEAR 20 10 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.)
7/10				I Certify that this aircraft has
				been inspected on 7-10-20 in
				accordance withe the scape and detail
				of appendix 0 to part 43 and found
	Hobbis			to be in condition for safe operation.
	69:19			Time 69:19
				Brad Goff Brud Moff
				Certificate # 437565400 Experimental
				a.racft builder
			0	

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entrie	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 August 1, 2021						
_				REG#	A/C Model	A/C SN:	ACTT	Hobbs	August 1, 2021		
_				N63B	Rans S-21	10180018	116.02	116.02	1		
flight guida main and v Aviat Signe	iced airframe t controls. Ins ance and four wheel/aero I certify was determine tion Regulatio	per Cubcr pected EL id that it r classic PN: that I have ed to be in n and man	rafters ma T in accordance the : 31329. Note inspected in condition	intenance dance to a requireme to applicab d this Airfi n for safe to maintenar	manual. Repack pplicable aircrafents of section 9: le AD's or SB as rame IAW the m	ted all wheel be tand ELT manu 1.207(d) as of (of 08/01/2021 anufactures in	earings. Ser ufacturer's 08/01/202 spection gr	rvice Mead instructio 1. Remove uidelines f	I Condition Inspection. If float Kit. Lubricated all In and applicable FAA Id and replaced left & right or a Condition inspection In the current Federal		



Airframe

REG#	A/C Model	A/C SN:	ACTT	Hobbs	
N63B	Rans S-21	10180018	118	118	

May 21, 2023

This Airframe has been inspected IAW Rans MM and FAR 43.13 Appendix D for an Annual Condition Inspection. Serviced airframe per Cubcrafters maintenance manual. Repacked all wheel bearings. Lubricated all flight controls. Inspected ELT in accordance to applicable aircraft and ELT manufacturer's instruction and applicable FAA guidance and found that it meets the requirements of section 91.207(d) as of 05/21/2023. No applicable AD's or SB as of 05/21/2023.

I certify that I have inspected this Airframe IAW the manufactures inspection guidelines for a Condition inspection and was determined to be in condition for safe flight. All work was accomplished in accordance with the current Federal Aviation Regulation and manufacture maintenance instruction.

Signed	Ph	Wh	Date 05-21-2023
Jeffrey (Willems Al	P.3291817.IA	

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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Airframe

June 27, 2024

REG#	A/C Model	A/C SN:	ACTT	Hobbs
N63B <i>&</i>	Rans S-21	10180018	147.24	147.24

This Airframe has been inspected IAW Rans MM and FAR 43.13 Appendix D for an Annual Condition Inspection. Serviced airframe per Cubcrafters maintenance manual. Repacked all wheel bearings. Service Mead float Kit. Lubricated all flight controls. Inspected ELT in accordance to applicable aircraft and ELT manufacturer's instruction and applicable FAA guidance and found that it meets the requirements of section 91.207(d) as of 08/01/2021. Removed and replaced left & right main wheel/aero classic PN: 31329. No applicable AD's or SB as of 06/278/2024,

I certify that I have inspected this Airframe IAW the manufactures inspection guidelines for a Condition inspection and was determined to be in condition for safe flight. All work was accomplished in accordance with the current Federal Aviation Regulation and manufacture maintenance instruction.

Signed Jeffrey Willems AP.3291817 Date 06-27



ASA-SE-1

Wing and A Prayer Engine N63BG Lycoming O-360-A1A S/N L-4371-51A May 11, 2019 Tach Time 0.0 TTE 2114.0 Engine major overhaul this date to Zero time standards but total time continues. Converted from IO-360-B1E to O-360-A1A by removing fuel injection and rear facing sump and installing Vertical sump and MA-4-5 carburetor P/N 10-3878 that was overhauled by Marvel Schebler see 8130-3. Engine Crankcase overhauled by Divco see yellow tag. Crankshaft, rods, and crankshaft gear yellow tagged by Aircraft Specialties see yellow tags. Installed new cam shaft kit SL18840Kit2. Installed eight new Connecting rod bolts P/N SA35972, eight connecting rod nuts P/N SL12186; all new Superior bearings on crankshaft (two front bearings P/N SL13884AM03, four Main Bearings SL11020M03, rod bearings eight P/N SL16711AM03, new oil pump Kit SL78531Kit. Installed 4 new cylinder assemblies P/N SL36006WA20P complete with new pistons. Engine assembled with new gaskets with reference to Lycoming overhaul manual. Installed the following new accessories, Hartzell Engine Technologies starter P/N 149-12LS, Hartzell propeller governor Model S-1-10 S/N G4098NJ, and two new E-Mags, adjusted mag base timing to 5Deg ATDC with jumper wire installed. Brian Reid A&P 3462168 IA------

YEAR: 2019 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.)
9-12	25:23	1		Performed first oil change. Draincel
	4		1.71	and strained oil looking for any chunks
		1.9	0.70	of metal with none found, Cleaned oil
		1		filter screen and magnel found minimal
				sludges At this point engine was still
				USING Some oil so decided to use break
			100	in oil one more time.
			24	all or orola available a
				8. 10.00
			1 27	Bred Goff
				Bud Meff Arcreft builder
			-	

2020	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.)
1-7	36.36			Oil Change, and cleaned screen
				and magnet in oil filter.
				Engine stopped using oil along with
				Cylinder heads dropping in temp.
				Food almost nothing when changing
				oil and cleaning of screen.
	,			Switched to normal oil, Phillips
·				X/C 20W-50(6) averts
	1.00			
				Bred, Goff Aircraft Builder
				Bred Yok
				10

YEAR:	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.)
7-10				I certify that this aircreft has been
				inspected on 7-10-80 in accordance
_				with the scope and detail of appendix
				D to part 43 and Bund to be in
				condition for sofe operation
	49:55			Tach time 49:55
				Bred Go F Bred Toy
				Certificate # 4375654 Experimental
				circuaft builder
			45.4564	

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YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must		Name, Ra	ting and Ce		ions er of Technician or Repa
DATE				Facility. (See	back pages for of	ner specific	entnes.)		
7	S GAME								
_	200000				Engine				August 1, 2021
_		[REG#	Lycoming	SN:	TSN	ETT	Tach	
			N63B	0360A1A	L-4371-51A	116.02	116.02	116.02	
wa					ork was accompl	ished in a	ccordance	with the curre	ant Fadaral Autation
— Siį	gned	wh	_	ce instruction. Date <u></u> 8-/-9	021				ent rederal Aviation

9*******		Er	ngine				May 21, 2023	
	REG#	Lycoming	SN:	TSN	ETT	Tach		
	N63B	0360A1A	L-4371-51A	118	118	118		_
creen. Removed, clear	ned, and rotated all sp			-		A). Removed and cleaned oil	
l certify that be in condition for saintenance instruction	afe flight. All work was	-	accordance with th	tion guide	ines for a C	ondition insp	ection and was determined	
l certify that be in condition for saintenance instruction igned	t I have inspected this afe flight. All work was on. Date	s accomplished in a	accordance with th	tion guide	ines for a C	ondition insp	ection and was determined	/
l certify that be in condition for saintenance instruction igned	t I have inspected this afe flight. All work was on. Date	s accomplished in a	accordance with th	tion guide	ines for a C	ondition insp	ection and was determined	\(\frac{1}{2} \)
I certify that	t I have inspected this afe flight. All work was on. Date	s accomplished in a	accordance with th	tion guide	ines for a C	ondition insp	ection and was determined	

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must	on of Inspection t be endorsed with back pages for o	h Name, Ra	ating and C		ations ber of Technician or Rep
DATE				r domy, (ooo	r back pages for c	on opeon	10 0110100.7		
_ 💌	WAR								
5	WILLIAM D				Engine				June 27, 2024
_		Γ	REG#	Lycoming	SN:	TSN	ETT	Tach	
_			N63BG	0360A1A	L-4371-51A	147.24	147.24	147.27	
— — Con	100000000000000000000000000000000000000								ppendix D for an Annu n 8qts Phillips XC
20w	dition Inspect 50. Removed	ion. Compr and cleane	ression test a ed oil screen.	as follows Cly#1 . Removed, clea	L. 74, #2 76 #3 7 aned and rotated	2, #4 74/8 d all spark	80. Service plugs. Re	d engine with moved and re	
20w	dition Inspect 50. Removed r with new. Lu	ion. Compr and cleane bricated al	ression test a ed oil screen. Il engine con	as follows Cly#1 Removed, clea trols. No Applic	L. 74, #2 76 #3 7 aned and rotated cable AD's or SB	2, #4 74/8 d all spark s's as of 06	80. Service plugs. Re 6/27/2024.	d engine with moved and re	n 8qts Phillips XC eplaced engine inlet
_ filte	dition Inspect 50. Removed r with new. Lu I certify	ion. Compr and cleane bricated al that I have	ression test a ed oil screen. Il engine con inspected th	as follows Cly#1 Removed, clea trols. No Applic his Engine IAW	L. 74, #2 76 #3 7 aned and rotated cable AD's or SB' the manufactur	2, #4 74/8 d all spark s's as of 06, res inspect	80. Service plugs. Re 1/27/2024. tion guidel	d engine with moved and re lines for a Co	n 8qts Phillips XC eplaced engine inlet ndition inspection and
filter was	dition Inspect 50. Removed r with new. Lu I certify determined to	ion. Compr and cleane bricated al that I have o be in con	ression test and oil screen. Il engine con inspected the dition for said	as follows Cly#1 Removed, clear trols. No Applications his Engine IAW fe flight. All wo	L. 74, #2 76 #3 7 aned and rotated cable AD's or SB' the manufactur	2, #4 74/8 d all spark s's as of 06, res inspect	80. Service plugs. Re 1/27/2024. tion guidel	d engine with moved and re lines for a Co	n 8qts Phillips XC eplaced engine inlet
filter was	dition Inspect 50. Removed r with new. Lu I certify determined to	ion. Compr and cleane bricated al that I have o be in con	ression test and oil screen. Il engine containspected the dition for safe maintenance	as follows Cly#1 Removed, clear trols. No Applications his Engine IAW fe flight. All wo be instruction.	L. 74, #2 76 #3 7 aned and rotated cable AD's or SB' the manufactur ork was accompli	2, #4 74/8 d all spark s's as of 06, res inspect	80. Service plugs. Re 1/27/2024. tion guidel	d engine with moved and re lines for a Co	n 8qts Phillips XC eplaced engine inlet ndition inspection and
filter was	dition Inspect 50. Removed r with new. Lu I certify determined to ulation and ma	ion. Compr and cleane bricated al that I have o be in con	ression test and oil screen. Il engine containspected the dition for safe maintenance	as follows Cly#1 Removed, clear trols. No Applications his Engine IAW fe flight. All wo	L. 74, #2 76 #3 7 aned and rotated cable AD's or SB' the manufactur ork was accompli	2, #4 74/8 d all spark s's as of 06, res inspect	80. Service plugs. Re 1/27/2024. tion guidel	d engine with moved and re lines for a Co	n 8qts Phillips XC eplaced engine inlet ndition inspection and



WESTERN AIRCRAFT

PROPELLER SERVICE INC.

Portland-Troutdale Airport 1510 N.W. North Perimeter Rd. – Troutdale, Oregon 97060 (503) 667-8865 – (503) 667-8937

F.A.A. Approved Repair Station N. FQ6R544N

PROPELLER LOGBOOK



NO 1	Pro Balar	nce LLC		3-6-	Dat≏
NOTE: Enter Compliance With	*				Total Propeller
(208) 8 momill	70-0400 er3m@aol.co Vibrex 2000 v	eraft Prop om v2.71+ SN:620 7 Mar 20 14:	0438 =====	ncing"	Time Since
Cable TAA A.U. & Factory Cervice Bu	opeller has beed. Maintain , spinner back haft. ed on: 06 Ma eading: 0.0 e Rating: B onfiguration: 9.2 grams of t Hours:43.39	r 20 16:45:48 03 IPS EST nt 4:00	orop,		Description Of Work Repairman
ges 11 & 12					Authorized Signatures Renairman and Station ficate Numbers

MAINTENANCE & SERVICE HISTORY

MAINTENANCE & SERVICE HISTORY

Chamband			Propeller				August 1, 2021
	REG#	Hartzell	SN:	PTSN	PTT	TACH	
	N63B	HC-C2YK-1BF	CH33436B	116.02	116.02	116.02	
and was determined Aviation Regulation	nat I have inspected to be in condition and manufacture	d this Propeller IA on for safe flight. Al	l work was accuration.				r a Condition inspect the current Federal
1							



Propeller

May 21, 2023

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REG#	Hartzell	SN:	PTSN	PTT	TACH
N63B	HC-C2YK-1BF	CH33436B	118	118	118

gnatures d Station umbers

This Propeller has been inspected IAW Rans and FAR 43.13 Appendix D for an Annual Condition Inspection. Checked spinner and bulkhead for cracks, none found. Removed safety wire and checked torque on all prop bolts of 35Lbs and safety wired. No Applicable AD's or SB's as of 05/2023

I certify that I have inspected this Propeller IAW the manufactures inspection guidelines for a Condition inspection and was determined to be in condition for safe flight. All work was accomplished in accordance with the current Federal Aviation Regulation and manufacture maintenance instruction.

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Sir Overha	77.7	Descrip	tion Of W	Vork		Authorized Signature Repairman and Stati Certificate Number
_ 🗷	ing.			Propeller				June 27, 2024
		REG#	Hartzell	SN:	PTSN	PTT	TACH	1
-		N63B∂	HC-C2YK-1BF	CH33436B	147.24	147.24	147.24	1
	er and bulk head for	cracks, none	found. Removed	nd FAR 43.13	Appendix	D for an A	nnual Cor	ndition Inspection. Checker olts of 35Lbs and safety
wired	er and bulk head for I. No Applicable AD's I certify that I ha	cracks, none or SB's as of we inspected	found. Removed 06/27/2024. this Propeller IAN	nd FAR 43.13 safety wire a W the manufa	Appendix nd check to ctures ins	D for an A orque on a pection gu	nnual Cor all prop bo	olts of 35Lbs and safety or a Condition inspection
wired	er and bulk head for I. No Applicable AD's	cracks, none or SB's as of we inspected in condition	found. Removed 06/27/2024. this Propeller IAN for safe flight. All	nd FAR 43.13 safety wire a W the manufa work was acc	Appendix nd check to ctures ins	D for an A orque on a pection gu	nnual Cor all prop bo	olts of 35Lbs and safety or a Condition inspection
wired	er and bulk head for f. No Applicable AD's I certify that I ha was determined to be ion Regulation and m	cracks, none or SB's as of we inspected in condition anufacture n	found. Removed 06/27/2024. this Propeller IAN for safe flight. All	nd FAR 43.13 safety wire and W the manufal work was accustion.	Appendix nd check to ctures ins	D for an A orque on a pection gu	nnual Cor all prop bo	olts of 35Lbs and safety or a Condition inspection

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Date

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