



ASA-SE-1

Ingine Record General Information	Model 0-320-52)
erial 12986-2	7.4 Type Certificate
his engine is currently installed in al	reraft N/7/20
inimum Octane Fuel	Oit Grade: Summer Winter
	Oil Grade: Summer Winter Point Setting Firing Order
	Point Setting Firing Order Firing

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts tolerances and limits by Rite Bros. Aviation, Inc.
Engine disassembled, cleaned, inspected, repaired, reassembled, and tested in accordance with data approved by and or acceptable to the FAA. All applicable Airworthiness Directives are in compliance.

See A.D. list supplied.

FAA Certifications are inspected.

Work Order Number N1712Q Dated 11/1/03

> Engine Model 0-320-E2D S/N L-42988-27A

Engine Total Time Since New 5774.40 Engine Total Time Since O/H 0000.00 Agencies Authorised Signature:

FAA Certification No. IA539782858

Rite Bros. Aviation, Inc.

1406 FAIRCHILD INTERNATIONAL AIRPORT PORT ANGELES, WASHINGTON 98362 TELEPHONE: 1-360-452-6226 WWW.RITEBROS.COM

Tach 0000.0 Hrs. Engine Total Time 5774.4 Hrs. Since Major 0000.0 Hrs.per FAR 43 (D) and Date 11/1/03 determined to be in airworthy condition. The following work was performed: Re-installed "(0) Time Since Major Overhaul" Lycoming 0-320-E2D engine, I certify that this engine has been inspected in accordance with an "Annual Inspection" S/N L-42988-27A in accordance with STC SA572CE Installation Instructions. Engine STC SA572CE Form 337 dated 10/18/83 for this Engine/Aircraft. Installed rebuilt alternator assy. P/N MZ-4206. Installed new Sky-Tec light weight starter P/N 149-12LS, weight and balance and equipment list revised. Replaced fuel pump assy with O/H P/N 07-00704. Repaired cracked baffling. Replaced all baffle seals with approved material. Replaced all fluid lines with approved type hose and fittings. Installed new mags, harness, and spark plugs with Unison Kit P/N K4516, Replaced all four engine vibration isolators with P/N 94150-40. Installed Aircraft Development Corp. Remote oil filter kit P/N 07-06935 I/A/W STC SA00402SE installation instructions, see Form 337. Installed oil filter P/N CH48108. Serviced with (8) quarts of Aeroshell 100 Straight Mineral oil. Pre oiled engine. Rigged mixture, throttle and carb heat controls. Installed O/H prop(see aircraft log). Installed spinner assy. Verified engine instruments accuracy and noted with in acceptable parameters. Post run I/A/W Textron/Lycoming recommendations. No leaks noted. Adjusted idle mixture and idle settings. Noted all engine indications with in acceptable parameters. Removed oil filter and inspected element, no notable metal found. Installed new filter P/N CH48108. (Engine to be run in per Textron/Lycoming break in procedures supplied with these records.) Returned to service. FAA Certification No. IA 539782858 John D.Rollston

YEAR: 2004 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.)
-10-04	8.3		8.3 5mort	Changed sil with 7 quarte devoshell 100
		·	· .	seples Replaced oil felles with CH43108-1.
				Changed sil. with 7 quarte Beroshell 100 sehles Replaced ril feller with CH48108-1. louge oil felter element - us ustable metal bound. Worked injus, pool run and lug
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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.)
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3/14/15	057.2	57.2	5831.6	accordance with a 100 hour/angual inspection and was
				determined to be in airworthy condition
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				Edward F. Markline A&P 214421784 IA
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		-		7006-10, CHARRO SPAIN PLUES, RAPLANTO AR FILTED (BACIOS), NO 176200					
				IN OLD BL FILTER. GANGE RAN NO OIL LANGE ESTABLISH ZIMALITH					
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5/25/a	84.2	842	5058.6	assertance with a 100 hour/answer inspection and the					
	ļ			determined to be in airworthy condition.					
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				Edward F Markline A&P 214421784 IA Bulverde Air Park					
				Bullerde TX 78163 830 - 438 - 2507					
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YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entities must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (See backpages for other specific entries.)
DATE		SAH		
pilor	105.0	1000	5879.4	CHARGES ON TENTER (CHATISTITES SHEW 1004) COMPRESSING CHECK
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10E/2"	-101	<u> </u>		Edward F Markline A&P 214421784 IA
		 		MARKAIRE Bulverde Air Park

YEAR: 2-010 DATE	RECORDING TACH TIME	TODAT'S FLIGHT SANI/	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Flating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2 Mikale	140.6	140,6	5915.0	CHANGE OIL TENTON (CHYBIOT, 7475 ENGLI 1034) Commentes pur CHROK
				41 77/10 AV 75/80, #376/80, #4 77/80 CHECKED PLUKS, 0:0 FRIGE
				CHERRED-NO INFERM. CHAMES FIR FILTER (BA-6108), ESMASSED WITHOUTEY
				Honging the people inspected in
2/11/10	140.6	140,6	5915.0	and a second with a 1(X) hours and a map control and
				determined to be in airwormy condition.
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	<u> </u>			Edward F Marking A&P 214421704 LA
				MARKAIR! 930 - 438 - 2507
			-	
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YEAR	
DATE	
	Date: 1 July 2011 Tach 171.6 $TT = 5946.0 \text{ TSMOH} = 171.6$
· ·	Compression Check: #1 74/80 #2 73/80 #3 74/80 #4 72 / 80
	Changed oil. Cleaned screen. Replaced oil filter. Serviced with 7 quarts of Aeroshell
	100W. Cleaned spark plugs and set gaps. Pressure cleaned engine with varsol. Checked
	magneto timing. Engine ops check OK, no leaks noted. ADs checked and complied with
	through June 2011. AD list provided to owner.
	I certify that this engine has been inspected IAW a 100 hour inspection and determined to
	be in airworthy condition / / /
	·· \//////
	Mark R. Julicher MAKP 2204250 IA
	
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inpression Check anged oil. Repl rk plugs and set is checked and c	c: #1. 74/80 #2. 74/ aced oil filter. Ser gaps: Checked mag omplied with through ngine has been in sper	Total Engine Time = 5972.5 /80 #3.74/80 #4.76/80 viced with 6 quarts of Aeroshell 100W Cleaned neto timing. Engine ops check OK, no leaks noted: i. Sept 2012. AD list provided to owner, cted IAW a 100 hour inspection and determined to A&P 2204250
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Date: - 20 Sept 2012