

C.R.S. YCTR973K MENA, ARKANSAS 71953 501-394-5422



The Standard

ENGINE LOG

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)	of
				Horizon AIRCRAFT ENGINE SERVICES, INC.	
	Date <u>9/12</u>	2/22 W	V/O: <u>34453</u>	TACH: Model: <u>IO-550-B</u> S/N: <u>249185P</u>	
	of the FAA repair stat and inspe engine. O recertifie new CM I lifters fro assemblie	and was a ion. Overhaule ected all p overhaule d by Grea Bendix ign m Aircraf es. See at necked Ol	ed this enginer of the control of th	entified above was overhauled in accordance with current regulations eturn to service. Pertinent details of the overhaul are on file at the e in accordance with overhaul manual. Disassembled, cleaned fluxed steel parts and zygloed nonferrous parts. Balanced ix magnetos. Fuel injection system was overhauled and I Metering per Tornado Alley Turbo System Specs. Installed and Services, Inc. Installed new Superior Millennium cylinder at for additional parts replaced. Assembled and test run inpliance sheets attached.	
		H	F.	RAFT ENGINE SERVICES, INC. DBA BOLDUC AVIATION A.A. Approved Repair Station YZ8R163C	
			X 38	91 Airport Road, Minneapolis, MN 55449	
				Authorized Signature	
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N2653M

Continental IO-550-B, S/N: 249185-R

TTSN: 3817.7

September 27, 2022

hobbs: 2976.3

tach: 558.2

SMOH: 0.0

1. Removed engine for overhaul. Installed overhauled Continental IO-550-B S/N 249185-R engine in accordance with Bonanza A36 Maintenance Manual Chapter 71-00-00. Overhaul performed by Horizon Aircraft Engine Services, Inc. DBA Bolduc Aviation under work order # 34453. Performed run up and leak check referencing Tornado Alley Turbo, Inc 35-6460001 Continued Airworthiness Rev. B. Installed (12) P/N MS20500-428 - Nut, Installed P/N MS9144-01 -Propeller governor gasket, Installed (6 ft) P/N SCAT12 - 3" Scat hose.

2. Performed annual inspection IAW FAR 43 Appendix D, referencing Beechcraft Bonanza A36 AMM. Performed compression test, 1) 70/80 2) 70/80 3) 73/80 4) 70/80 5) 73/80 6) 73/80, Master Orifice: 40/80. Installed P/N AA48109-2 -

Tempest Oil Filter.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Details of work performed are on file with Inflight Aircraft Maintenance LLC under work order: WO_1421.

Trent Wallman A&P IA 3579667

Inflight Aircraft Maintenance LLC · 14871 PIONEER TRAIL · EDEN PRAIRIE, MN 55347 · 9523000944

N2653M

Continental IO-550-B, S/N: 249185-R

September 27, 2022

hobbs: 2980.3

tach: 568.9

TTSN: 3828.4

SMOH: 1491.9

Changed engine oil and filter. Inspected oil filter for contamination. No defects noted. Engine run-up and leak check satisfactory. Installed P/N AA48108-2 - TEMPEST OIL FILTER, Installed (11 Qt) P/N W100PLUS - Piston Engine Oil.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Details of work performed are on file with Inflight Aircraft Maintenance LLC under work order: WO 1783.

Caleb Halverson A&P 3434580

RECORDING TODAYS TOTAL DATE **Description of Inspections, Tests, Repairs and Alterations** Inflight Aircraft Maintenance LLC · 14871 PIONEER TRAIL · EDEN PRAIRIE, MN 55347 · 9523000944 N2653M Continental IO-550-B, S/N: 249185-R October 11, 2022 hobbs: 3005.0 tach: 583.6 TTSN: 3843.1 SMOH: 25.4 Changed engine oil and filter. Inspected oil filter for contamination. No defects noted. Engine run-up and leak check satisfactory. Installed (11 Qt) P/N W15W-50 - Aeroshell Oil, Installed P/N AA48108-2 - TEMPEST OIL FILTER. The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Details of work performed are on file with Inflight Aircraft Maintenance LLC under work order: WO 1811. Caleb Halverson A&P 3434580 Engine RTS - page 1 of 1 wo: WO 1913 Inflight Aircraft Maintenance LLC · 14871 PIONEER TRAIL · EDEN PRAIRIE, MN 55347 · 9523000944 December 29, 2022 Continental IO-550-B, S/N: 249185-R N2653M SMOH: 76.0 TTSN: 3893.7 hobbs: 3062.3 tach: 634.2 Changed engine oil and filter. Inspected oil filter for contamination. No defects noted. Engine run-up and leak check satisfactory. Installed P/N AA48108-2 - Oil Filter, Installed (11 Qt) P/N W15W-50 - Aeroshell Oil. The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Details of work performed are on file with Inflight Aircraft Maintenance LLC under work order: WO 1913. Caleb Halverson A&P 3434580

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	wo: WO_1945 Engine 100 Hour - page 1 of 1	1
DAT	TE INFLIGHT	terations
19_	Inflight Aircraft Maintenance LLC - 14871 PIONEER TRAIL - EDEN PRAIRIE, MN 55347 - 9523000944	umber of ic entries.)
<u> </u>	N2653M Continental, IO-550-B Engine 100 Hour, S/N: 249185-R February 01, 2023 hobbs: 3092.6 tach: 662.4 TTSN: 3921.9 SMOH: 104.2	
	 Performed 100 hour inspection IAW appendix D FAR 43, referencing Beechcraft Bonanza A36 AMM. Changed oil and filter. Inspected filter for contaminates, none found. Performed compression check: Cyl #1 76/80, #2 74/80, #3 78/80, #4 76/80, #5 72/80, #6 76/80. Cleaned, gapped, and inspected spark plugs. Installed P/N AA48108-2 - Oil Filter, Installed (11 Qt) P/N W15W-50 - Aeroshell Oil. 	
	 Complied with Tornado Alley ICA and performed fuel system setup procedure ref. Tornado Alley Inc. Manual 35-6460001, Rev.B. Turned aneroid screw in CW, one turn to decrease fuel flow. Ground run engine and found fuel flow within tolerances. 	
	I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Details of work performed are on file with Inflight Aircraft Maintenance LLC under work order: WO_1945. Leigh Zelinski A&P 3118681	
	wo: WO_2118 Engine RTS · page 1 of 1	
- -	INFLIGHT	
-	Inflight Aircraft Maintenance LLC · 14871 PIONEER TRAIL · EDEN PRAIRIE, MN 55347 · 9523000944 · CRS#: IAMR197E	
_	N2653M Continental, IO-550-B Engine RTS, S/N: 249185-R hobbs: 3145.4 April 06, 2023 hobbs: 3145.4 tach: 712.2 TTSN: 3971.7 SMOH: 154.0	
-	Changed oil and filter. Disassembled filter and inspected for contamination, no contaminants noted. Perform engine run-up and leak check; check good. Installed (10°Qt) P/N W15W-50 - Aeroshell Oil, Installed P/N AA48108-2 - Oil Filter.	
-	The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Details of work performed are on file with Inflight Aircraft Maintenance LLC under work order: WO_2118.	
	Caleb Halverson A&P IA 3434580	© 1991 AS

	ircraft Mainte	enance	\$ 41.5W/20	Section 1	1000	45044	200	1 11		-3463	952300	0944 ·	The State		Jan's
31	85.6		Contine tach: 7		-550-6	s Elig		N: 4009		J-N	SM	10H: 1		e 01, 20	23
	engine and end bolt an									all in	duction	hose	clamp	os. Torq	lued
fond	work was co or return to ce LLC unde nan CRS# I	servi er wo	ce for the rk order:	work a	ccomp										
	NO_2236	lainten	ance LLC ·	14871 Pl	ONEER	-	NFLIGHT - EDEN F	RAIRIE,	MN 553	47 - 952			al · page		
	53M os: 3194.2			ental, IO: 1: 758.6	-550-B	Engir	ne Annua	I, S/N: 2 : 4018.1		-R	SMOH:		ne 14, 2	2023	
ec	rmed annual . Performed led, tested, a oshell Oil.	comp	ression te	st, 1) 68/	/80 ²) (66/80	3) 72/80	4) 74/80	5) 76	80 6) 7	0/80, Ma	aster C	rifice: 4	46/80.	
an	ify that this e airworthy co : WO_2236.	engine Inditio	has beer n. Details	of work	perforn	ned ar	ance with e on file Inch	with Infl	iual ins ight Air	pection craft M	and wa aintenar	s dete	rmined C under	to be work	

	wo: WO_2321 Engine HIS · page i or i	
	INFLIGHT	rations
DA'	Inflight Aircraft Maintenance LLC · 14871 PIONEER TRAIL · EDEN PRAIRIE, MN 55347 · 9523000944 · CRS#: IAMR197E	hber of
19.	N2653M Continental, IO-550-B Engine RTS, S/N: 249185-R September 15, 2023 hobbs: 3231.4 tach: 793.9 TTSN: 4053.4 SMOH: 235.7	entries.)
-	Removed fuel pump for repair by Aircraft Accessories of Oklahoma w/o 58116 dated 09/06/2023. Fuel pump p/n FT-B8.5/1-632818-2-11, s/n 158. Ground run engine, no leaks detected. Adjusted fuel flow and manifold pressure ref. Tornado Alley Turbo service document 35-6460001. Installed P/N AA48108-2 - Oil Filter.	
-	The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Details of work performed are on file with Inflight Aircraft Maintenance LLC under work order: WO_2321.	
-	Leigh Zelinski CRS # IAMR197E Laigh Jelnseki	
Comments of the Comments of th	A THE RESIDENCE OF THE PROPERTY OF THE PROPERT	and a
	wo: WO_2470 Engine RTS · page 1 of 1	
-	Inflight Aircraft Maintenance LLC · 14871 PIONEER TRAIL · EDEN PRAIRIE, MN 55347 · 9523000944 · CRS#: IAMR197E	7 7 1
	N2653M Continental, IO-550-B Engine RTS, S/N: 249185-R October 17, 2023 hobbs: 3250.6 tach: 810.1 TTSN: 4069.6 SMOH: 251.9	
-	Changed engine oil and filter. Inspected oil filter for contamination. No defects noted. Engine run-up and leak check satisfactory. Installed (10 Qt) P/N W15W-50 - Aeroshell Oil, Installed P/N AA48109 - Oil Filter.	
	The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Details of work performed are on file with Inflight Aircraft Maintenance LLC under work order: WO_2470.	
	Trent Wallman CRS# IAMR197E / WWW WWW.	-

	wo: WO_2654		Engine 100 Hour · page 1 of 1	
TE	Inflight Aircraft Ma	INFLIGHT Lintenance LLC · 14871 PIONEER TRAIL · EDEN PRAIRIE, MN 55347 ·	9523000944 · CRS#: IAMR197E	erations mber of
	N2653M hobbs: 3303.5	Continental, IO-550-B Engine 100 Hour, S/N: 249185-R tach: 857.7 TTSN: 4117.2	February 20, 2024 SMOH: 299.5	entries.)
le ke	1) 62/80 2) 70/80 3 plugs. Lubricated	ur Inspection IAW FAR 43 Appendix D, referencing SR22 AMM.) 68/80 4) 70/80 5) 70/80 6) 62/80, Master Orifice 42/80. Cleane IAW lubrication schedule. Changed engine oil and filter. Instal W15W-50 - Aeroshell Oil.	ed, inspected, and tested spark	
		igine has been inspected in accordance with a 100 hour inspect dition. Details of work performed are on file with Inflight Aircraft		
	Leigh Zelinski CRS	# IAMR197E Lage Jelniele		
_ w	o: WO_2732	INFLIGHT	Engine RTS - page 1 of	1
	Inflight Aircraft N	Maintenance LLC · 14871 PIONEER TRAIL · EDEN PRAIRIE, MN 55347 · 952	23000944 · CRS#: IAMR197E	
	2653M obbs: 3369.7	Continental, IO-550-B Engine RTS, S/N: 249185-R tach: 920.1 TTSN: 4179.6	April 02, 2024 SMOH: 361.9	
- Ch	anged engine oil and fil talled (11 qt) P/N W15W	ter. Inspected oil filter for contamination. No defects noted. Engine 7-50 - Aeroshell Oil, Installed P/N AA48109 - Oil Filter.	run-up and leak check satisfactory	
- Th	e above work was compurn to service for the woler: WO_2732.	pleted in accordance with current regulations of the Federal Aviation rk accomplished. Details of work performed are on file with Inflight A	n Administration and is approved for Aircraft Maintenance LLC under work	

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	wo: WO_2765			Engine RTS - page 1 of 1	
DATE	Inflight Aircraft	Maintenance LLC - 14871 PIONEER TF	RAIL - EDEN PRAIRIE, MN 55347 - 95	23000944 · CRS#: IAMR197E	Alterations Number of
19_	N2653M hobbs: 3382.2	Continental, IO-550-B I tach: 931.5	Engine RTS, S/N: 249185-R TTSN: 4191.0	April 29, 2024 SMOH: 373.3	cific entries.)
	Ground run engine, Installed P/N 40661	operational check good. Installed I 0-0029 - Turbo Charger S/N: H-BCI	P/N MS28778-8 - O-Ring, Installe L00035.	orthiness Manual 35-6460001 Rev. C. d (1 qt) P/N W15W-50 - Aeroshell Oil, d Clamp. Installed P/N 11-1100023 -	
	The above work was commeturn to service for the worder: WO_2765. Leigh Zelinski CRS # IAM	ork accomplished. Details of work	performed are on file with Inflight	on Administration and is approved for Aircraft Maintenance LLC under work	
	wo: WO_2826		INFLIGHT	Engine Annua	I · page 1 ot 1
	Inflight Airc	raft Maintenance LLC · 14871 PION	NEER TRAIL - EDEN PRAIRIE, M	IN 55347 · 9523000944 · CRS#: IAMR1	97E
	N2653M hobbs: 3411.5	Continental, IO-59 tach: 957.5	50-B Engine Annual, S/N: 24 TTSN: 4217.0	19185-R Jun SMOH: 399.3	e 11, 2024
	Performed con	nual inspection IAW FAR 43 Appression test, 1) 64/80 2) 62/8 IS - Aeroshell Oil, Installed P/N	0 3) 68/80 4) 66/80 5) 70/80	oil and filter. Inspected filter, no de 6) 64/80, Master Orifice: 42/80. Inst I P/N 649983 - Gasket.	fects noted. alled (11 qt)
	2. Installed new s	spark plugs. Installed (12) P/N I	URHB32E - Spark Plug.	-2002-02 Installed (12) P/N 630979	-9 - O-Ring.
		work performed are on file with	Inflight Aircraft Maintenance	ction and was determined to be in a LLC under work order: WO_2826.	an airworthy
	Leigh Zelinski CRS #	IAMR197E Jag	Zelniki-		

	wo: WO_2890 Engine RTS - page 1 of 1	
DAT	TE INFLIGHT	terations
19_	Inflight Aircraft Maintenance LLC - 14871 PIONEER TRAIL - EDEN PRAIRIE, MN 55347 - 9523000944 - CRS#: IAMR197E	umber of c entries.)
	N2653M Continental, IO-550-B Engine RTS, S/N: 249185-R July 11, 2024 hobbs: 3458.5 tach: 1001.6 TTSN: 4261.1 SMOH: 443.4	C entires.)
	Changed engine oil and filter. Inspected oil filter for contamination. No defects noted. Engine run-up and leak check satisfactory. Installed (11 qt) P/N W100PLUS - Aeroshell Oil, Installed P/N AA48109 - Oil Filter.	
	The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Details of work performed are on file with Inflight Aircraft Maintenance LLC under work order: WO_2890. Caleb Halverson CRS # IAMR197E	
	MO: MO_SARO	
	INFLICUTE.	
	INFLIGHT	
	Inflight Aircraft Maintenance LLC - 14871 PIONEER TRAIL - EDEN PRAIRIE, MN 55347 - 9523000944 - CRS#: IAMR197E	
	N2653M Continental, IO-550-B Engine 100 Hour, S/N: 249185-R August 26, 2024 hobbs: 3516.0 tach: 1057.0 TTSN: 4316.5 SMOH: 498.8	
	1. Performed 100 Hour inspection IAW FAR 43 Appendix D. Changed engine oil and filter. Inspected filter, no defects note	
	Performed compression test, 1) 64/80 2) 66/80 3) 66/80 4) 60/80 5) 68/80 6) 66/80, Master Orifice: 44/80. Cleaned, teste and reinstalled spark plugs. Installed P/N AA48109 - Oil Filter, Installed (11 qt) P/N W100PLUS - Aeroshell Oil.	d,
	2. Installed new seals on Cyl. #2 GAMI injector. Ground run engine, functional check good, no leaks detected. Installed Programme Progra	N
	ORW-6 - GAMI O-Ring Kit, Installed P/N 633958-3 - Seal. 3. Complied with Tornado Alley Turbo 100 hour ICA requirements.	
	 Complied with Tornado Alley Turbo SB24-01 Turbocharger Check Valve Inspection and Cleaning. No defects noted. Ne due at Annual Inspection. 	xt
	I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworth condition. Details of work performed are on file with Inflight Aircraft Maintenance LLC under work order: WO_2980.	ny
	Leigh Zelinski CRS # IAMR197E Leigh Zelnski	
	Leigh Zelinski CRS # IAMR197E	

	wo: WO_3050 Engine RTS - pag	e 1 of 1	
D. 1!	Inflight Aircraft Maintenance LLC · 14871 PIONEER TRAIL · EDEN PRAIRIE, MN 55347 · 9523000944 · CRS#: IAMR197E	d Alterat ite Number pecific entr	rof
	N2653M Continental, IO-550-B Engine RTS, S/N: 249185-R September 20, 100 hobbs: 3566.9 tach: 1104.4 TTSN: 4363.9 SMOH: 546.2 Changed engine oil and filter. Inspected oil filter for contamination. No defects noted. Engine run-up and leak satisfactory. Installed (11 qt) P/N W100PLUS - Aeroshell Oil, Installed P/N AA48109 - Oil Filter. The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approximately for return to service for the work accomplished. Details of work performed are on file with Inflight Aircraft Maintenance.	check oroved	
	under work order: WO_3050. Caleb Halverson CRS # IAMR197E		
	wo: WO_3152 Engine 10	0 Hour - page 1 of 1	
	N2653M Continental, IO-550-B Engine 100 Hour, S/N: 249185-R Nov hobbs: 3620.1 tach: 1153.3 TTSN: 4412.8 SMOH: 595.	ember 18, 2024	
	Performed 100 Hour Inspection IAW FAR 43 Appendix D, referencing Beechcraft A36 AMM, and Continental EMI Compression Test: 1) 64/80 2) 56/80 3) 58/80 4) 58/80 5) 62/80 6) 65/80, Master Orifice 42/80. Cleaned, inspected plugs. Lubricated IAW lubrication schedule. Changed engine oil and filter. Inspected filter for contaminated. Engine run up and leak check satisfactory. Installed (10 qt) P/N W15W-50 - Aeroshell Oil, Installed Filter.	ected, and tested nation; no defects	
	I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to condition. Details of work performed are on file with Inflight Aircraft Maintenance LLC under work order: WO_3 Leigh Zelinski CRS # IAMR197E		

DATE	wo: WO_3470		Engine Annual - page 1 of 1	tions						
19		INFLIGHT		r of ries.)						
Dr. A. S. G. C. C.	Inflight Aircraft Maintenance LLC - 14871 PIONEER TRAIL - EDEN PRAIRIE, MN 55347 - 9523000944 - CRS#: IAMR197E									
	N2653M hobbs: 3676.7	Continental, IO-550-B Engine Annual, S/N: 24918 tach: 1205.9 TTSN: 4465.4	May 30, 2025 SMOH: 647.7							
	Performed Compr IAW lubrication so run up and leak cl	I Inspection IAW FAR 43 Appendix D, ref. Beechcraft A36 ession Test: 1) 60/80 2) 60/80 3) 60/80 4) 60/80 5) 61/80 6 chedule. Changed engine oil and filter. Inspected filter for neck satisfactory. Installed P/N AA48109 - Oil Filter, Installed to neck satisfactory.	6) 62/80, Master Orifice 43/80. Lubricated contamination; no defects noted. Engine ed (10 qt) P/N W100PLUS - Aeroshell Oil.							
	2. Installed a complete new set of spark plugs. Installed (12) P/N URHB32E - Spark Plug. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Details of work performed are on file with Inflight Aircraft Maintenance LLC under work order: WO_3470.									
	Mike Lebens CRS # IAMR197E									
			Tanal Land a land							
	Wes WO 2614		Engine RTS - page 1 of 1	7						
	wo: WO_3611		Engine KTS - page 1 of 1							
	Inflight Aircraft Maintenance LLC · 14871 PIONEER TRAIL · EDEN PRAIRIE, MN 55347 · 9523000944 · CRS#: IAMR197E									
	N2653M hobbs: 3728.0	Continental, IO-550-B Engine RTS, S/N: 249185-F tach: 1253.7 TTSN: 4513.2	August 14, 2025 SMOH: 695.5							
	Changed engine oil and filter. Inspected oil filter for contamination. No defects noted. Performed 50 hour engine inspection referencing Continental Standard Practice MM M-0 section 6-4.3. Engine run-up and leak check satisfactory. Installed P/N									
	AA48109 - Oil Filter, Installed (10 qt) P/N W100PLUS - Aeroshell Oil.									
	for return to service for	The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Details of work performed are on file with Inflight Aircraft Maintenance LLC under work order: WO_3611.								
	Mike Lebens CRS # IAN	IR197E								