

Date	Total	Total	Tach or
	Time	Time	Recording
	In	Since	Meter
	Service	Overhaul	Time
6/10/19	1971.1	0.0	



CONTINENTAL IO-550-N Engine S/N 691484

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/CMI (M-16) and Above referenced engine overhadious to manual. Applicable AD's and Service Bulletins C/W at this time. Continental M-U, Standard Fractice Mainted, inspected, magnetic particle inspected, and no cracks found. Finish All gears cleaned, polished when required, inspected, magnetic particle inspected, and no cracks found. Finish All gears cleaned, polished when required, since the state of the stat new RAM camshaft p/n 1058-30, s/n XI17001 as direct PMA replacement of Continental camshaft. Installed new new RAM camsnait p/li 1030-30, 3/17/17 (exh) I/A/W RAM Dwg. 2813 Rev. A dated 11-19-09. AD 10-11-04 n/a to lifters p/n SAb20400 (IIII), p/II of to to to to the first p/n 649900, s/n N07JA281 per TCM CSB96-8. C/W ultrasonic inspection per MSB96-10B due at next overhaul or when crankshaft removed. AD 99-19-01 n/a per crankshaft date of manufacture I/A/W TCM MSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W TCM Mandatory Service Bulletin MSB00-5D. Engine assembled with overhauled Continental heavy style crankcase p/n 654130-3, s/n F299201RPL. Installed new Continental steel cylinders. CMI SB18-08A C/W by verifying the Letter "S" stamped on the Cylinder Head Exhaust Ear. Installed new oil cooler p/n 8000953. s/n 4041295. C/W AD 89-24-01 R1 per installation of starter adapter p/n 642085A17 with current scavenge pump gears. AD 2012-10-13 and MSB11-4B starter adapter inspection N/A per P/N installed or manufacture date Engine accessories exchanged for overhauled or new units with exception of prop governor, vacuum pump and alternator which were not installed per this work order. MSB94-8D on magneto timing procedure c/w per timing to data plate TC degree requirements with TDC locator and protractor with pointer. Category 1 thru 3 CMI Service Bulletin Compliance Listing in RAM Manual. Engine ground run on test stand per RAM specifications for a minimum of 2.25 hours. Engine run-in with Aeroshell 100 mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. The engine has been modified in accordance with Engine Technologies, Inc. STC SE10589SC. See Installations Instructions Report 22-6460020 and Master Drawing List Number ET-G2-1 Rev. K dated 8/30/2012 or current revision. It is the responsibility of installer to ensure all modification meet current STC requirements. Engine approved for return to service for the work performed. Engine preserved per Continental M-0 Standard Practice Maintenance Manual temp. storage up to 90 days. Pertinent details on file under Project/No. \$127.

RAM Aircraft, Limited Partnership, P. O. Box \$219, Waco, Texas 76708 CRS VA1R551K

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFO SIGNATURE & CERTIFICATION NO. OF PERSON	RMED— PERFORMING WORK		
× 32				TOTALS brought forward from previous page			
	MAKE: 0 DATE: 8- 1: Remov 10550-N S RAM. Engomponer 2011). Er 2: Filled e 3: Installe 4: Installe 5: Re-inst I certify th determine	CIRRUS MODE CONTINENTAL 7-19 red Engine SN 10 SN 691484. Ove gine Tech STC S ats installed IAW agine run up IAW agine with Philliped new RH tail pied 2 V band clam	MODEL: 105.000597 and assistant performed SE10589SC. En Tornado Alley It / Chapter E & F is 20W x 50 min pe P/N 22-61500 pp P/N 11-11000 er pad on oil sun en given an 100	035. 123.	alled overhauled porated by po charger Rev. C (22 Sep		
		1					
	Re-positioned and required Installe indicating wire half as required Sec	d and re-installed the # d secured the magneto ad missing clamp on th mess as required To zured-torqued the left to	and tachometer wiring the MAP Sensor straing trque checked and pro turbo oil inlet line teak	STZR901C ENG TT 1982 3 TSMOH 11 3 HOBBS 1939 3 Secured-torqued loose #4 cylinder intake tube coupling clamps ag Re-positioned and secured all exhaust heat shields as relief bracket Properly routed and secured the left engine operly safetied-bent locking tabs the left and right turbo half bolts scheck ok at this time Properly installed the right wastegate			
-	knuckle as required Installed missing left turbo lateral support attaching hardware						
	Maintenance Rele The aircraft and/or of Title 14 of the C DATE: 10/1/2019	r component(s) on N58 ode of Federal Regula	15AB was repaired and attons, was found Airw J Ferry d Repair Station No 5	d inspected in accordance with the current rules and regulations worthy and was returned to service. Work Order 6422-03-2019 Printed by EBis 3 (datcomedia com)			
	Make: CMI Model: 10-550-N	(XX) 1501 N	ADVA Varcissa Road R	Date: 03/25/2 Blue Bell, Pa 19422 (215) 646-0400 N585AB	020		
_	S/N: 691484		vissa road D	Hobbs: 2031, Flight: 1690.5			
	with 8 quarts of	oil. Cut, and insp Phillips 20W-50	XC engine oil, a	Iter – no unusual debris noted. Serviced the engine and new CH48109-1 oil f.lter. Leak check good. Deta k order #T12554. END.	iils		
	Joe DiSipio A&P3953685	1e(1)	ı	TOTALS—Carry forward to next page			

TOTAL TIME IN SERVICE

TOTAL TIME SINCE OVERHALII

TACH OR RECORDING NAETED TIMAL

DESCRIPTION OF WORK PERFO SIGNATURE & CERTIFICATION NO OF PERSON

Make: CMI

Model: 10-550-N (XX)

SN: 691484

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 02/19/2021

N585AB

Hobbs: 2229.6 Flight: 1868.5

Drained engine oil. Cut, and inspected the oil filter – no unusual debris noted. Sample sent to Blackstone. Serviced the engine with 8 quarts of Phillips 20W-50 XC engine oil, and new CH48109-1 oil filter. Replaced Cyl. #2 and #5 EGT probes. Replaced Oil Temp. Probe. Cleaned the Fuel Injector Nozzles and Spark Plugs, Lowered NLG for sump removal. Removed right exhaust and turbo, intake tubes and engine mount bolts to facilitate lifting engine for sump removal. Removed sump and repaired threaded holes with heli-coils. Reinstalled sump, remounted engine, reinstalled right exhaust and turbo and intake tubes. Remounted cross over manifold. Reinstalled NLG Leak check good. #LWO-13779, END.

Joe DiSipio A&P3953685IA



Make: TCM

Model: 10-550-N S/N: 691484

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 05/28/2021

N585AB Hobbs: 2294.2

Flight: 1918.0

Engine Entry:

Performed an Annual inspection IAW FAR 43 Appendix D using Cirrus SR22 MM Chapter 5-20 inspection check list as a reference. AD's current through Biweekly 2021-11 bi-weekly. AD 2020-16-11 reciprocating cylinder section P.C.W. Performed a compression test with results as follows: 1-58/80, 2-75/80, 3-66/80, 4-68/80, 5-66/80, 6-60/80 MO 44/80. Cleaned, gapped and tested all spark plugs. Megged the ignition harness. Drained and sampled the oil - oil sample was sent to Blackstone. Removed and inspected the oil filter, no unusual debris found at this time. Installed a new oil filter. Serviced the engine with 8 quarts of Phillips 20w50 X/C engine oil. Adjusted both mags. Ground run-up and leak check good. Details of this inspection are on file at this facility under work order #LWO-14149. END.

I certify that this ENGINE has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

Joseph DiSipio A&P3953685IA



Make: CMI

Model: 10-550-N (XX)

SN: 691484

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 11/20/2019 N585AB

Hobbs: 1961.5 Flight: 1634.7

Engine Entry:

Drained engine oil. Cut, and inspected the oil filter - no unusual debris noted. Serviced the engine with 8 quarts of Phillips 20W-50 XC engine oil, and new CH48109-1 oil filter. Leak check good. Details of this work are on file at this facility under work order #T12109. END.

Ryan McGee A&P3786795IA



Make: CMI

Model: IO-550-N (XX)

S/N: 691484

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

N585AB

Hobbs: 2440.8

Date: 03/01/2022

Flight: 2047.1

Engine Entry:

Drained engine oil. Cut, and inspected the oil filter - no unusual debris noted. Sample sent to Blackstone. Serviced the engine with 8 quarts of Phillips 20W-50 XC engine oil, and new CH48109-1 oil filter. Leak check good. Details of this work are on file at this facility under work order #LWO-15226. END.

Ryan McGee A&P3786795



Make: CMI

Model: 10-550-N (XX)

S/N: 691484

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 09/09/2021 N585AB

Hobbs: 2368.8 Flight: 1983.3

Engine Entry:

Drained engine oil. Cut, and inspected the oil filter - no unusual debris noted. Sample sent to Blackstone. Serviced the engine with 8 quarts of Phillips 20W-50 XC engine oil, and new CH48109-1 oil filter. Leak check good. Details of this work are on file at this facility under work order #LWO-14639. END.

Michael Stingle A&P4532081



Make: ICM

5/5: 691484

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400 Model: 10-550-N(TAT)

Date: 09/13/2021 N585AB

Hobbs: 2378.6

Flight: 1991.7

Engine Entry:

Removed and replaced right exhaust manifold with new unit P/N:22-6850003. Operational check good.

Details of this work are on file at this facility under work order #LWO-14039, END

Michael Stingle A&P4532031



DATE

TOTAL TIME IN **SERVICE**

TOTAL TIME SINCE OVERHAUL

TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING

Make: TCM Model: 10-550-N(TAT) S/N: 691484

MADVANCED

Date: 06/20/2022 N585AB Hobbs: 2479.9 Flight: 2079.9 ETT: 2079.9

Engine Entry:

Engine Entry:
Performed an annual inspection IAW FAR 43 Appendix D. using Cirrus MM Chapter 5-20 checklist as a guide. Performed a compression check with results as follows: 1-49/80, 2-57/80, 3-64/80, 4-54/80, 5-61/80, 6-48/80. Master orifice reading 44/80. AD's current through 2022-12 bl-weekly. Cleaned, inspected, tested and rotated all spark plugs. Adjusted magneto-to-engine timing. Megged the ignition harness. Inspected and lubricated all engine controls. Mouse milked waste gates. Cleaned fuel injectors and cylinder drains. Drained engine oil. Cut and inspected the oil filter — no unusual debris noted. Sample was sent to Blackstone. Serviced the engine with 8 quarts of Phillips 20W-50 XC engine oil and a new CH48109-1 oil filter. Tightened all exhaust heat shields. Performed an engine wash. Replaced multiple chafted waste partwars. Ground run and leak check satisfactory. Details of Performed an engine wash. Replaced multiple chafed/worn wastegate hardware. Ground run and leak check satisfactory. Details of this work are on file at this facility under work order LWO-15495. END.

I certify that this ENGINE has been inspected IAW an 100HR/ANNUAL inspection and was determined to be in airworthy condition.

This aircraft and/or component(s) was repaired in accordance with the current rules and regulations of Title 14 of the Federal Aviation Regulations, was found to be Airworthy, and returned to service.

Joseph DiSipio A&P3953685IA

S/N: 691484

MADVANCED Model: IO550NXX

Date: 08/30/2022 Reg: N585AB Hobbs: 2506.5

Flight: 2104.2

Engine Entry:

C/W 50 hour Engine Inspection IAW Continental Engine Maintenance and Overhaul Manual Section 6-3.3. Drained and sampled oil. Oil sample was sent to Blackstone. Cut, and inspected the oil filter – no unusual debris noted. Serviced the engine with 8 quarts of Phillips 20W-50 XC engine oil, and new AA48109-2 oil filter. Operational and leak checks good. Details of this inspection are on file at this facility under work order #LWO-15764. END.

This aircraft and/or component(s) was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Federal Aviation Regulations, was found to be Airworthy, and returned to service.

Joseph DiSipio A&P3953685IA

ENGINE

DATE: 03-31-2023

N585AB

ENGINE S/N: 691484

MODEL: CONT. 10-550N

FLIGHT HRS.: 2132.5

HOBBS: 2537.9

No. 2 alternator inoperative, troubleshoot, found alternator seized and alternator belt burnt, removed propeller Mod. No. PHCJ3Y1F-1N, S/N: NJ146B to replace alternator belt, removed alternator P/M: 657199, S/N: H-0071318 and installed overhauled alternator P/N: 657199, S/N: H-S072718, installed new alternator belt, cleaned crankshaft forward ID, removed sludge, reinstalled same propeller Mod. No. PHCJ3Y1F-1N, S/N: NJ146B using new O-ring P/N: C-3316-228. Performed engine run-up, Ops and leak check normal. This engine is returned to service regarding work performed?

Alain Camous A&P 3687058 I.A.

Page 1 / 1

MAKE: CIRRUS DESIGN

CORP MODEL: SR22

01157 (05-15-2023)

S/N: 3499 REG. NO:: N585AB ENG MODEL: IO-550-N ENG S/N: 691484

flyADVANCED Wings 1501 Narcissa Rd

Blue Bell, PA 19422

W/O #: 01157 DATE: 05-15-2023 Flight: 2187.7

Hobbs: 2602.4

Engine Entries

Drained engine oil. Cut and inspected the oil filter - no unusual debris noted. Serviced the engine with 8 quarts of Phillips 20W-50 XC engine oil, and new AA48109-2 oil filter. Performed Blackstone oil analysis. Leak check good. END

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 05-15-2023

SIGNED:

WORK ORDER: 01157

melle Printed by EBIS (EBISCloud.com) **David Hans** A&P: 4293138

Date: 03/17/2023 Reg: N585AB Hobbs: 2571.8 Flight: 2161.5

Manual Section of the oil filter

Inspected t Serviced th

Cut,

was sent to Blackstone.

stic Plug, no unusual debris not and new AA48109-2 oil filter. R. 9 good. Details of this inspection

50 hour 691484 Engine

Model: 10550NXX

Make: CMI

Continental Engine Maintenance Engine Inspection IAW debris noted. Inspected f Phillips 20W-50 XC engi 5 <u>=</u> **Drained and sampled**

Make: CMI

Model: IO550NXX

ISO1 Narcissa Road Blue Bell, PA 19422 (215) 646-0400

Date: 03/17/2023

Reg: N585AB

Hobbs: 2571.8

Flight: 2161.5

S/N: 691484

Engine Entry:

C/W 50 hour Engine Inspection IAW Continental Engine Maintenance and Overhaul Manual Section 6-3 3. Drained and sampled oil. Oil sample was sent to Blackstone. Cut, and inspected the oil filter – r.o unusual debris noted. Inspected Magnetic Plug, no unusual debris noted. Serviced the engine with 8 quarts of Phillips 20W-50 XC engine oil, and new AA48109-2 oil filter. Replaced Heat scat tube at left intercooler. Operational and leak checks good. Details of this inspection are on file at this facility under work order #LWO-16436. END.

This aircraft and/or component(s) was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Federal Aviation Regulations, was found to be Airworthy, and returned to service.

Joseph DiSipio A&P3953685IA

age No.	The lights of the black that the second seco		z. A	
	01276 (09-01-2023)	· · · · · · · · · · · · · · · · · · ·	S1/4	,
DATE	MAKE. CIRRUS DESIGN CORP MODEL. SR22	flyADVANCED Wings	Page 1 / 1 W/O # 01276 DATE: 09-01-2023	/ORK
	S/N 3499 REG. NO: N585AB ENG MODEL. IO-550-N ENG S/N 691484	1501 Narcissa Rd Blue Bell, PA 19422	ENG TT 2209.6 Engine TSO, 602.6 Hobbs: 2628.8	
	Engine Entries			
	Phillips XC20W-50 and a peru AAAS100 2 and se	tinental Engine Maintenance and Overhaul Manual Section 6-3.4. AD's current thro ows: 1-0/80, 2-50/80, 3-62/80, 4-58/80, 5-70/80, 6-80/80. Master orifice reading: 43 spected the oil filter and magnetic drain plug – no unusual debris noted. Serviced on c. Cleaned, gapped and tested all snark pluss. Moored the limitian	the engine with 8 quarts of	
	Inspection. Sent engine drive fuel pump out for o	all fuel injectors and cylinder drains. Checked mag-to-engine timing CM TATS verhaul by Aircraft Accessories of Oklahoma Reinstalland cylinder and the Company of the Co	B12-02 Fuel Pump	
	Replaced cylinder #1 due to low compression. In Removed the left intercooler and sent to Pacific (23 09-09 Failures of Spot Welded, Multi-Segment V-Band Couplings, Next replaces stalled overhaulded cylinder P/N: 658595A2, S/N: AC17JB221 Removed oil from Jil Cooler Service Inc for overhead under MC474.	nent: 2709.6 FLT	
	cooling fin. Installed overhauled cylinder P/N. 651	engine & cowling wash Replaced the right cylinder drain manifold. Replaced to	adioder #3 due to cracked	
	DATE 00.01 2000	psg., S/N: AC09IB202 Ground run-up, operational and leak check good. dance with a 100 Hour / Annual Inspection and has been determined to be in airworthy on file under the listed Work Order.	ondition. This aircraft is	
	Tim Huber		WORK ORDER: 01276	1
	A&P: 4181062IA	Printed	by EBIS (EBISCloud.com)	
			1	1
	02281 (06-04-2024) MAKE: CIRRUS DESIGN	Page 1 / 1		
	MODEL: SR22	flyADVANCED Wings 1501 Narcissa Rd DATE: 00 04 2024		
	S/N: 3499 REG. NO: N585AB	Blue Bell, PA 19422 Hobbs: 2694.4 Flight 2267.0		
	ENG MODEL: IO-550-N ENG S/N: 691484	Tight 2207.0		
	Engine Entries			
	Performed Blackstone oil analysis. Drained with new P/N: AA48108-2 filter. Serviced on an all services of the process of the p	ental Engine Maintenance and Overhaul Manual Section 6-3.3. the engine oil -oil sample was sent to Blackstone. Replaced oil filter gine with 8 qts Phillips X/C 20w50 engine oil Cut one represent filter		
	clamp P/N: 670105 and failpipe hanger clar	is time Re-clocked right exhaust talloine duratiled and removed filter		
	will respect to wor	checked good at this time. END. cted in accordance with current Federal Aviation Regulations and are k performed. This article is approved for return to service.	all the second s	

A&P: 4181062IA

Page 1 / 1

02281 (06-04-2024)

MAKE: CIRRUS DESIGN

CORP

MODEL: SR22

S/N: 3499

REG. NO: N585AB

ENG MODEL: IO-550-N

ENG S/N: 691484



flyADVANCED Wings

1501 Narcissa Rd Blue Bell, PA 19422 W/O #: 02281

DATE: 06-04-2024

Hobbs: 2694.4

Flight: 2267.0

C/W 50 hour Engine Inspection IAW Continental Engine Maintenance and Overhaul Manual Section 6-3.3. Performed Blackstone oil analysis. Drained the engine oil -oil sample was sent to Blackstone. Replaced oil filter with new P/N: AA48108-2 filter. Serviced engine with 8 qts Phillips X/C 20w50 engine oil. Cut open removed filter and inspected, no contamination found at this time. ... Re-clocked right exhaust tailpipe. Installed new V-band. clamp P/N: 670105 and tailpipe hanger clamp P/N: 22-6100049, C/W TAT SB10-02 Rev B on right exhaust; Ground run up, operational check and leak checked good at this time. END,

The articles above were repaired and inspected in accordance with current Federal Aviation Regulations and are certified to be airworthy with respect to work performed. This article is approved for return to service.

DATE: 06-04-2024

SIGNED:

Michael Stingle

A&P: 453208

WORK ORDER: 02281

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