



TELEDYNE CONTINENTAL



Gold Medallion Aircraft Engine

USE ONLY
FUEL
CONFORMING
TO ASTM D910.

USE OF AUTOMOTIVE
GAS IS NOT
APPROVED.

NEW ENGINE LOG

N37MB

AIRCRAFT N NUMBER

TS10550 E1B

ENGINE MODEL NUMBER

803078

ENGINE SERIAL NUMBER

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs	Min	Total	Hrs	Min	Total	Hrs	Min			
4/01/2021 N37MB Tac Time 456.8 TT 919.0 Preformed condition inspection IAW Part 43 appendix D with reference to Lance Air IV and conetntinal manuals. Compression as follows #1 70/80 #2 72/80 #3 74/80 #4 76/80 #5 70/80 #6 70/80 Changed Oil andfilter and serviced with Phillips 100AW ,AA48109 Ran and leaked checked found engine to be in airworthy condition this date 4/01/2021 Ralph Baker A&P [REDACTED] IA [REDACTED]													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
LANCAIR IV-P N37MB S/N: LIV-362 TACH TIME: 473.3 SEPTEMBER 01, 2022 CONTINENTAL TSIO550-E1B S/N: 803078 ENGINE TT: 935.6													
ENGINE ENTRY: Compression readings taken with the following results, #1—80/74 #2—80/76, #3—80/77, #4—80/70, #5—80/72, #6—80/74. Master orifice 45 psi. Borescope inspection of all cylinders satisfactory. Cleaned and gapped all spark plugs. Inspected engine induction and alternate air ducts. Removed, cleaned, inspected and reinstalled all fuel injection nozzles. Drained oil. Serviced engine with 10 quarts Aeroshell 15W50. Removed oil filter, cut filter open and inspected for any foreign material, no foreign material noted in oil filter. Installed new oil filter Tempest 48108-2 and saftied as required. Engine borescope did not reveal any discrepancies. Removed both turbochargers and sent to Main Turbochargers for overhaul. Reinstalled turbochargers after overhaul. Removed both magnetos for overhaul by Aircraft Magneto Service. Reinstalled magnetos and timed to engine. Replaced engine ignition harness with a new harness PN CT16-11BS-SW from New Horizons Maggie Aircraft Ignition Systems, FAA-PMA PQ 2039 NM. Performed a post maintenance engine run up with no discrepancies noted. I certify that this engine has been inspected in accordance wit a 100 hour inspection and was determined to be in airworthy condition and is approved for return to service.													
LARRY E MASON A&P													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.				
											Date: 10/01/2023 Make: EXPERIMENTAL Model: LANCAIR IV-P N-Number: N37MB Engine: CONT TSIO 550 TT Hours: 991.3 Tach Hours: 529.1 Performed compression leakdown test: 64/80, 67/80, 66/80, 76/80, 77/80, 73/80. Cleaned, gapped and rotated spark plugs, changed oil and filter. Serviced gascolator, lubed controls, inspected landing gear and replaced nosewheel mounting bolts. Replaced all tires and tubes, greased wheel bearing. Inspected brakes, greased prop with Aeroshell 6, torqued prop, engine mount and wing spar bolts. Verified mag timing. ELT check IAW 91.207D. Aircraft test flown and found to be in a condition for safe operation. I certify the above work has been completed in accordance with the Lancair IV-P MM, Continental TSIO 550 EIB MM, Hartzel propeller owner's manual and per FAR part 43 appendix D and was determined to be in airworthy condition. Daniel Saunders A&P [REDACTED] [REDACTED]			
BROUGHT FORWARD														
TOTALS														