

 TELEDYNE CONTINENTAL



Gold Medallion Aircraft Engine

REBUILT ENGINE LOG

N 735 QM

AIRCRAFT N NUMBER

0470U27B

ENGINE MODEL NUMBER

809864-R

ENGINE SERIAL NUMBER

This engine model ___0470U27B___, Serial No. 809864-R, was rebuilt/zero timed on 07/24/96 by Teledyne Continental Motors in accordance with an FAA approved Quality Control System, using FAA approved Engineering design data and the applicable requirements of FAR Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporated the following Service Bulletins and Airworthiness Directives.

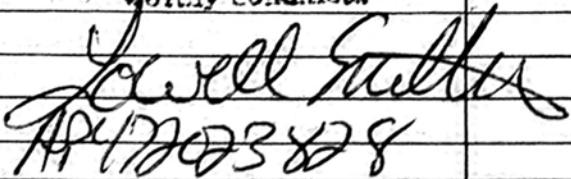
SB	AD	REMARKS	SB	AD	REMARKS
M60-1	63-15-01	REPLACED WITH NEW PART	CSB94-15	N/A	CRANKCASE STUD INSPECTION
M79-2	79-05-09	REPLACED WITH NEW PART			
M88-4	88-03-06	REPLACED WITH NEW PART			
M91-10	93-08-17	VISUAL INSPECTION			
N/A	91-19-03	OIL FILTER CHANGE			
M92-6	N/A	ROCKER SHAFT RETENTION IMPROVEMENT			
MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE			
CSB94-1	94-06-09	REPLACED CAPACITOR AS APPLICABLE			
M56-2	56-06-01	REPLACED WITH NEW PART			
N/A	94-14-12	N/A			

Records reflecting this rebuilding are on file at Teledyne Continental Motors, P.O. Box 90, Mobile, Alabama, 36601.

TELEDYNE CONTINENTAL MOTORS
PRODUCTION CERTIFICATE NO. 508

Walter Foyle

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.			
2-12-94	TACH	941.85	7	14	16	7	5	183.93	183.93		TSFN 183.93	COMPRESSION RESULTS AS	
	follows: 1 2 3 4 5 6		1 1/2	2 1/4	3 1/2	4 3/4	5 1/2	6 1/2				FIXED loose wire on CHT probe,	
	CALIBRATED ELT GAUGE, Replaced pit belt with part # 53547-31.19, cleaned gapped & tested plugs, installed CHT muffler because of cracks by AEROSPACE welding, Lot # 25753 SW# AWI 25753 IT# 075061-28, changed oil & imp filter - ok -, Replaced induction Airbox seal, Replaced clips on Airbox, checked all ENG controls, Run up & leak checked ok checked MAL + timing, Inspected & lubed (FAA) crossin check list & MAINT MANUAL Ad list in back of Air log												
	During this time ENGINE has been inspected in accordance with 100hr inspection and was determined to be in air worthy condition.												
	 AP47203828												
BROUGHT FORWARD													
TOTALS													
LOWELL MILLER													

ENGINE LOG

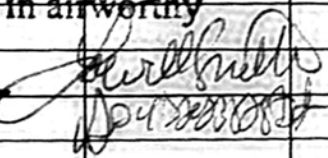
DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.				
8/10/99	TACH		960.18			Changed oil & Filter serviced with Phillips XE 20-50 run up & tested								
			OHD ALT & new reg installed sec the log entry			K. J. Sullivan							APSC 172 6459 JA	
3-23-00	TACH		974.77			TTAE 1649.72			TSMCH 216.82		TSPD 216.82			
			COMPRESSION TEST RESULTS AS FOLLOWS:			1 2 3 4 5 6			1 2 3 4 5 6		1 2 3 4 5 6			
			INSPECTED FILTER, SERVICED ENGINE WITH 12 QTS PHILLIPS 20-50, CLEANED, GAPPED & TESTED PLUGS, CHECKED			MAG TIMING, INSPECTED INTAKE & EXHAUST SYSTEMS. INSPECTED & LUBED ENGINE 2/16/00			CHECKLIST & MX MANUAL AD LIST IN REAR OF A/C LOG					
			ENGINE			was inspected & was determined to be in airworthy condition.								
			K. J. Sullivan											
			AP-1720 3828											
BROUGHT FORWARD														
TOTALS														

ENGINE LOG


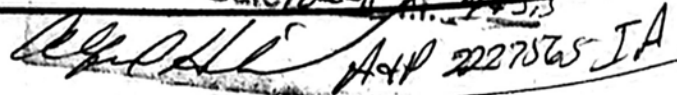
DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.				
June 24, 2001											Checked oil + filter - Run engine			
1-9-02	TACH	1028	77			TAF	1703	72	TSMP	270	82	TSAP	270	82
Compression test results as follows: 75 76 79 76 71 75 780 Filter, service with 12 ozs Phillips 20/50 xc oil, cleaned - gapped - tested plugs, adjusted mag timing as needed, TSP intake & exhaust systems, checked & lubed eng controls, inspected & lubed engine in accordance with Cessna MX manual checklist, see engine AD list on rear of this log.														
ENGINE														
This engine inspected in accordance with <u>100NR</u> inspection and was determined to be in air- worthy condition.											Lowell Griller NP472023528TA			
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.				
8-5-61	Take	1091.69	77	01	1766	64	TS	333	75	TS	333	75		
	Compression		1st	95	Follows	over	80	1-1st	2-1st	3-65	4-63	5-67	6-70	Changed oil
	checked		screen		serviced	with	4	XC	20350	cleaned	checked	tested	plugs	checked
	checked		timing		changed	intake	air	filter	inspected		checked	label	FLAWS	checked
	checked		1st		See	AD	1.37	FM	line	of	44.5	103.		
BROUGHT FORWARD														
TOTALS														

I certify that this ENGINE has been inspected with a visual inspection, and was determined to be in airworthy condition.
 Lowell Miller 

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.					
2010															
10-1-10											Tack time 1185.9 #4 6/60 #5 6/60 #6 7/60 check AD3 thru 10-20	428 smoth cleaned 10-20	check compress #1 6/60 #2 6/60 #3 6/60 Cap plugs check muffler Lube Controls		
											I certify that this <u>Engine</u> has been inspected in accordance with <u>AN ANNUAL</u> inspection was determined to be in airworthy condition. Date <u>10-1-10</u> T.T. <u>428</u> 				
10-8-11											Tack time 1201.4 #6 7/60 change oil service with X-C 20-50 + Champion check muffler check AD3 thru 11-20 run up check OK.	443.5 smoth X-C 20-50 + Champion 11-20 run up	check compression #1 7/60 #2 6/60 #3 6/60 #4 6/60 #5 6/60 Clean + Gap Plug.		
											has been inspected in accordance with <u>AN ANNUAL</u> inspection was determined to be in airworthy condition. Date <u>10-8-11</u> T.T. <u>443.5</u> 				
BROUGHT FORWARD															
TOTALS															

AIP 2227565 IA

AIP 2227565 IA

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.					
2014 12-13-14	Tack time		12	23	.1	465.2 SMOH			check compression #1 ⁶⁵ / ₉₀ #2 ⁶⁶ / ₉₀ #3 ⁷⁰ / ₉₀ #4 ⁶⁷ / ₉₀ #5 ⁶⁸ / ₉₀ #6 ⁶⁷ / ₉₀		cleaned & Gap Plugs check muffler controls check AT & check AD 3 thru 2014-24 run up check OK. End.				
I certify that this <u>Engine</u>															
has been inspected in accordance															
with <u>AN ANNUAL</u> inspection was															
determined to be in airworthy															
condition. Date <u>12-13-14</u> <u>AK</u>															
BROUGHT FORWARD															
TOTALS															

[Handwritten Signature]
 AIP 2227565 IA

ENGINE LOG

DATE	R.P.M.		MODEL: O-470U-27B	DATE JUNE 1, 2017	SIGNATURE	LICENSE NUMBER
	Ground	Air				
			SERIAL 809864-R	TACH: 1255.3		
			TOTAL SMOH 488.4			
			100 HR INSPECTION C/W THIS DATE, CHECKED COMPRESSION ,160/80 2#65/80 3#60/80 4#52/80 5#68/80 6# 79/80 CHECKED EXHAUST SYSTEM, CHECKED ENGINE CONTROLS , CHECKED ALL HOSES AND DUCTING. CLEANED SPARK PLUGS , CHECKED EXHAUST SYSTEM, CHECKED AIR FILTER , CHECKED CONTROLS, ENGINE CHECKED FOR PROPER OPERATION,RETURNED TO SERVICE.			
			I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME.			
			CHUCK RAUTIO LA A&P 470542632 IA			
			<i>Chuck Rautio LA</i>			
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.			
8/26/17	CHANGED OIL		OK TO RETURN TO SERVICE							Mill Bergen PPL		504743822	
Date: <u>8/26/17</u> Hours/Miles: <u>1291.88</u> Next Change Due: <u>1331.88</u> Oil Type: <u>AERSELL 15W 50</u> Filter: <u>CA4B109-1</u>													
9-21/17	FACH		1283.2										
Removed Vac Pump and replaced oil seal + new gaskets. Operational checks performed. Check Rantala A = P470542622.													
12/9/17			Date: <u>12/9/17</u>							OK TO RETURN TO SERVICE			
Hours/Miles: <u>1294.24</u> Next Change Due: <u>1344.24</u> Oil Type: <u>PHILIPS 20/50XL</u> Filter: <u>TEMPEST 48109</u>													
Mill Bergen PPL 504743822													
BROUGHT FORWARD													
TOTALS													

4/5/18, Tach: 1298.6, SMOH: 0.0, O-470-U, s/n 809864-R, N735QM

DATE	R. Ground		SE ER
		Major overhaul not including, magnetos, carburetor, starter drive adapter, vacuum pump, alternator, oil cooler, propeller, propeller governor or starter. Disassembled, cleaned and inspected all parts. Magnafluxed steel parts from Maxwell Aircraft Services, invoice # 122741, dated 2/27/18. Crankshaft Ultrasonic inspection p/Continental AD#97-26-17 by Bulduc Aviation Specialized Serviced, WO# 30895, dated 3/14/18. Zygloed non-ferrous parts. Installed reground camshaft from ECservices, p/n 535661R, RMA# 38242-3, dated 10/29/10, see yellow tag for details. Reman 653888 intake lifters and reman 653877 exhaust lifters installed from Aircraft Specialties Services, W.O.# 248079, dated 3/22/18, see 8130-3 for details. New 4ea. 646288 thrust washers, 6ea. 653547 rear main bearings, 2ea. 633136 front main bearings, 12ea. 630826 rod bearings, 12ea. 655961 rod bolts, 12ea. 654490 rod nuts, 12ea rod keys, 1ea. 646546-A1 gasket kit, 6ea. 08-11060 Superior Millennium Cylinders SA47006L-A20P from Aircraft Spruce, invoice #626225, dated 3/26/18. Dimensionally inspected all parts. Assembled engine per overhaul manual. Reinstalled engine in N735QM. Filled with 12 quarts of 20W50 phillips mineral oil. Run up and test flight performed and found satisfactory. All work done in accordance with service manuals. Returned to service.	
		Kurt Leaders IA2714134 <i>Kurt Leaders</i>	

BROUGHT FORWARD

TOTALS

ENGINE LOG

DATE	MODEL: O-470U-27B	DATE JUNE 1, 2018	ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	SERIAL 809864-R	TACH: 1312.7			
	TOTAL SMOH 13.0				
	100 HR INSPECTION C/W THIS DATE. CHECKED COMPRESSION .ALL CYL 80/80 . CHECKED EXHAUST SYSTEM, CHECKED ENGINE CONTROLS , CHECKED ALL HOSES AND DUCTING. CLEANED SPARK PLUGS , CHECKED EXHAUST SYSTEM, CHECKED AIR FILTER , CHECKED CONTROLS, ENGINE CHECKED FOR PROPER OPERATION, RETURNED TO SERVICE.		6/1/18 changed Oil PHILLIPS 20W 50T4PE M FILTER: CH4B109-1 m.ild <i>Beyan own</i>		
	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME.				
	<i>Chuck Rautila</i> CHUCK RAUTIOLA A&P 470542632 IA				
	BROUGHT FORWARD				
	TOTALS				

