

 TELEDYNE CONTINENTAL



Gold Medallion Aircraft Engine

REBUILT ENGINE LOG

N/5381 N

AIRCRAFT N NUMBER

O-470-U(17)

ENGINE MODEL NUMBER

273224-R

ENGINE SERIAL NUMBER

Gold Medallion® Warranty protection

All Teledyne Continental Motors engines delivered as original equipment after January 1, 1980 are protected by TCM's exclusive Gold Medallion Warranty. This new warranty provides extended protection to the TBO of your engine. See your TCM distributor for all the facts or write direct to Teledyne Continental Motors for a free brochure.

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Order form or call (205) 438-3411, publications department, for information.

 **TELEDYNE CONTINENTAL MOTORS**
Aircraft Products Division

P. O. Box 90 • Mobile, Alabama 36601

This engine model 0470U17, Serial No. 273224R
was rebuilt on 01-26-89 by Teledyne Continental Motors in
accordance with approved design data and the applicable requirements
of Part 21 of the Federal Aviation Regulations. The approved design data
for this engine incorporates all changes required by applicable Air-
worthiness Directives and Teledyne Continental Motors Service
Bulletins.

TELEDYNE CONTINENTAL MOTORS

Walter Foyue

 **TELEDYNE CONTINENTAL MOTORS**
Aircraft Products Division

ENGINE DESCRIPTION

DATE 2-17-89 MODEL 6-470-U-17B SERIAL NO. 2732248
RATED H.P. _____ MAXIMUM H.P. 230
RATED R.P.M. 2400 MAXIMUM R.P.M. _____ OIL PRESSURE _____
BORE _____ STROKE _____ DISPLACEMENT _____ CU. IN. _____
COMPRESSION RATIO _____ GEAR RATIO _____

PROPELLER MCCAWLEY HUB DESIGN 2A34C20-B HUB SERIAL NO. 822290
BLADE DESIGN G-90DA-8 BLADE SERIAL NO. CE 266 BLADE SERIAL NO. CE 275
MAXIMUM HUB H.P. _____ MAXIMUM BLADE H.P. _____
PITCH _____ DIAMETER _____ LENGTH _____

OWNERS NAME _____
ADDRESS _____ CITY _____ STATE _____

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.			
2-17-89	THIS DAY			BROUGHT FORWARD			AIRCRAFT			1-172 H5381H		THOR	Reading
22-84.0 HRS	AT THIS			TIME ON TACK			DAY			60 FACTORY REPAIRS		MANUFACTURED	
	AIRCRAFT			AIRCRAFT			THIS DATE			A-M. Wright		A&P 695177	AL
4/17/89	Tach 2342.5			oil changed this date. Serviced with 12 qt. 15/50 newshell. Oil filter cut open & inspected, No Metal found. Pump up & leak check good. Brian King A&P B0580664									
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

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: 3/20/40											oil changed, filter inspected.		
TACH TIME: 2645.7											Wash oil found. Serviced w/ Aeroshell		
T.T. ENG: 361.7											15W50. cleaned, gapped & tested spark		
I CERTIFY THAT THIS AIRCRAFT <u>ENGINE</u>													
HAS BEEN INSPECTED IN ACCORDANCE WITH													
A <u>Annual</u> INSPECTION AND WAS													
DETERMINED TO BE IN AIRWORTHY CON-													
DITION. <u>1 1/2 hr right AF 699/27</u>													
DIFFERENTIAL COMPRESSION													
#1- 72 1/8	#2- 72 1/8	#3- 70 1/8	#4- 72 1/8										
#5- 73 1/8	#6- 74 1/8	#7- 71	#8- 71										
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.					
11-20-90	Tach	2893.1									Changed oil. filter inspected ok. Replaced the vac. pump. Serviced w/ Aeroshell 15W50. Washed engine. Run up & leak checks ok. Brian King A280580664				
DATE: 3/19/01	T.O. # 1367										cleaned, gapped & tested spark plugs. changed oil, serviced w/ 15W50 Aeroshell. filter inspected ok. checked & lubed controls, washed engine. Timing checks ok. Run up & leak checks ok.				
TACH TIME: 2945.3	T.T. A/F: 2945.3														
T.T. ENG: 661.3															
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Brian King A280580664</u>															
DIFFERENTIAL COMPRESSION #1 75 75 72 78 BROUGHT FORWARD 180 #4- 180 #5 75 75 72 78 IOTA 180 #4- 180															

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.						
5/16/91	TACH		3008.1			- changed oil. Filter inspected ok. Serviced with dewshell 15/50w. Run up & Leak checks OK. Brian King A#P80580664										
7/11/91	TACH	3045	100HR inspection and service completed this date. Changed oil and inspected filter. Filter found to be clean. Cleaned gapped and tested spark plugs. Checked mag timing. Washed engine. Checked and lubed controls. Run up and Leak checks OK.											AP Mark W. Coar	30564678	
9/13/91	Tach		3090.6	changed oil. Serv. w 15w50 Dewshell. filter inspected ok. Washed engine. Run up & Leak checks ok. Brian King A#P 80580664												
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: 12-2-91			V.O. #		1628						changed oil. filter inspected ok.		
TACH TIME: 3147.2			T.T. A/T: 3147.2								Serviced w/ Amsoil 15W50. Spark		
T.T. ENG: 863.2											plugs cleaned, gapped & tested. New		
I CERTIFY THAT THIS AIRCRAFT/ENGINE													
HAS BEEN INSPECTED IN ACCORDANCE WITH													
A <u>Quinn</u> INSPECTION AND WAS													
DETERMINED TO BE IN AIRWORTHY CON													
DITION <u>Brian King A230580064</u>													
DIFFERENTIAL COMPRESSION													
#1- 63/80	#2- 65/80	#3- 63/80	#4- 70/80										
#5- 70/80	#6- 70/80	#7- /	#8- /										
BROUGHT FORWARD													
TOTALS													

changed oil. filter inspected ok.
 Serviced w/ Amsoil 15W50. Spark
 plugs cleaned, gapped & tested. New
 R4B3ZE plug installed. Washed engine.
 Timing checked ok. Inspected & lubed
 controls. All A/D's checked for compliance.

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: 10-8-92											changed oil. filter checks ok. washed engine. Serviced with Amsoil 15W50. cleaned, capped & tested spark plugs. checked Magneto Tuning. checked & tested controls. Run up & leak checks ok. AMMUL 1750. PER FAR 43 COMPLETED THIS DATE R.M. Wright AEL99177		
TACH TIME: 3246.5													
T.T. ENG: 902.5													
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.													
DIFFERENTIAL COMPRESSION #1- 75/80 #2- 74/80 #3- 74/80 #4- 79/80 #5- 75/80 #6- 70/80 #7- 1 #8- 1													
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: 11-3-93											changed oil. filter inspected ok. Serv.		
TACH TIME: 3300.2											w/ Aeroshell 5W50. cleaned, gapped &		
T.T. ENG: 1014.2											tested spark plugs. checked timing. checked		
I CERTIFY THAT THIS AIRCRAFT/ENGINE													
HAS BEEN INSPECTED IN ACCORDANCE WITH													
A <u>Annual</u> INSPECTION AND WAS													
DETERMINED TO BE IN AIRWORTHY CON-													
DITION. <u>Brian King</u> <u>A280580664</u>													
DIFFERENTIAL COMPRESSION													
#1- 74/80	#2- 69/80	#3- 74/80	#4- 70/80										
#5- 77/80	#6- 79/80	#7- 71/80	#8- 71/80										
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: 12-6-94											changed oil. Serviced with Aeroshell			
TACH TIME: 3310.8											15W50. old filter checks ok. Washed engine			
T.T. ENG: 1022.8											cleaned, gapped & tested spark plugs. checked			
I CERTIFY THAT THIS AIRCRAFT/ENGINE											Magne to timing, checked & checked controls.			
HAS BEEN INSPECTED IN ACCORDANCE WITH											Run up & leak checks ok. AD's checked			
A <u>Visual</u> INSPECTION AND WAS											& updated.			
DETERMINED TO BE IN AIRWORTHY CON-														
DITION. <u>Braking 1200-8066</u>														
DIFFERENTIAL COMPRESSION														
#1- 77/80	#2- 68/80	#3- 69/80	#4- 79/80											
#5- 74/80	#6- 70/80	#7- 71/80	#8- 71/80											
BROUGHT FORWARD														
TOTALS														

[illegible]

ENGINE LOG

R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	
Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.		
DATE: 2/15/96 MODEL: 0470-U TACH TIME: 3355.5 TSMOH: 1071.5 CHANGED OIL & FILTER. SERVICED WITH AEROSHELL 15W50. OLD FILTER CHECKS OK. CLEANED, GAPPED & TESTED TOP SPARK PLUGS. INSTALLED 6 NEW SPARK PLUGS. CHECKED MAGNETO TIMING. INSTALLED NEW ALTERNATOR BELT & RESAFTIED. WASHED ENGINE. RUN UP & LEAK CHECKS OK. AD'S CHECKED & UPDATED. Compression: *1- 73/80 ,*2- 68/80 ,*3- 70/80 ,*4- 70/80 ,*5- 73/80 ,*6- 70/80 ***** END OF ENTRY ***** I certify that I have inspected this POWERPLANT in accordance with an ANNUAL inspection and found it to be in an AIRWORTHY condition and it is APPROVED for return to service. MICHAEL D LAND AI 566674996										MANUFACTURER: CONTINENTAL SER. NO.: 273224R TOTAL TIME: 1071.5 TSTOH: N/A	
TOTALS											

BROUGHT F

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.				
25-97		TACK	Time	33	74.14	AH110	42	1145P	10	80	14	Oil changed, filter checked, cleaned & capped. mag timing checked. Comp check #1 72/80 #2 72/80 #3 72/80 #4 70/80 #5 74/80 #6 71/80. all centers checked & secured for security & function. I certify that this prop was inspected per FRI & concluded to be airworthy & approved for return to service. A. M. Wright AI 69977		
3/9/98		TACK	TIME	33	91.3	SINCE REM			10	99	34	AH110 1450 THIS DATE engine found to be in airworthy condition & approved for return to service. A. M. Wright AI 69977		
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.			
16/99											ANNUAL INSPECTION THIS DATE - OK CHAMBER, OIL & AIR FILTER CHANGED COOLANT CHECK ALL OYLS O.K. 15/50 SHALL OIL USED - TIMING CHECKED ENGINE IS FOUND TO BE AIRWORTHY & APPROVED FOR RETURN TO SERVICE Rm. Wright AI 699177		
9-7-00									3401	2	ANNUAL INSPECTION THIS DATE - NO SERVO WORK DONE. ENGINE FOUND TO BE IN AIRWORTHY CONDITION & APPROVED FOR RETURN TO SERVICE AI 699177 Rm. Wright		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]