

TELEDYNE CONTINENTAL



Gold Medallion Aircraft Engine

USE ONLY
FUEL
CONFORMING
TO ASTM D910.
USE OF AUTOMOTIVE
GAS IS NOT
APPROVED.

NEW ENGINE LOG

N44TU
AIRCRAFT N NUMBER
T0550D13B
ENGINE MODEL NUMBER
680020
ENGINE SERIAL NUMBER

This engine model T0550D13B, Serial No. 680020,
was manufactured on 2-9-99 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 Airworthiness Directives and Teledyne Continental Motors
Service Bulletins.

TELEDYNE CONTINENTAL MOTORS



 **TELEDYNE CONTINENTAL MOTORS**
Aircraft Products

ENGINE DESCRIPTION

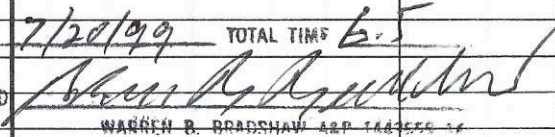
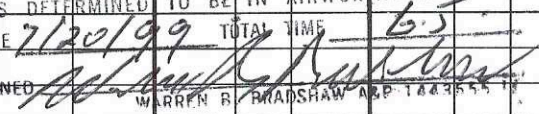
*Total AF.
18243
at engine
change*

TYPE _____ MODEL _____ SERIAL NO. _____
RATED H.P. _____ MAXIMUM H.P. _____
RATED R.P.M. _____ MAXIMUM R.P.M. _____ OIL PRESSURE _____
BORE _____ STROKE _____ DISPLACEMENT _____ CU. IN. _____
COMPRESSION RATIO _____ GEAR RATIO _____

PROPELLER _____ HUB DESIGN _____ HUB SERIAL NO. _____
BLADE DESIGN _____ BLADE SERIAL NO. _____ BLADE SERIAL NO. _____
MAXIMUM HUB H.P. _____ MAXIMUM BLADE H.P. _____
PITCH _____ DIAMETER _____ LENGTH _____

OWNERS NAME _____
ADDRESS _____ CITY _____ STATE _____

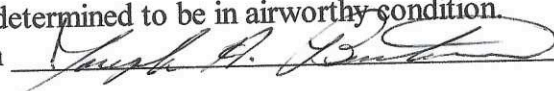

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICEN. NUMB.
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
7/20/99	TACH 6.4.		INSPECTION CARRIED OUT AS PER FORM 230-207 AS APPLICABLE. AD NOTES CHECKED THROUGH REV 99-15M. ENGINE CR			RUN AND FOUND TO BE FREE FROM FUEL AND OIL LEAKS.							
GOLDEN HORN AVIATION, INC. P. O. BOX 567 ROSELAND, FL 32957												THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.	
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.												DATE 7/20/99 TOTAL TIME 6.5	
DATE 7/20/99 TOTAL TIME 6.5												SIGNED 	
SIGNED 												WARREN B. BRADSHAW AEP 1443555	
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICEN NUM
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Date: 11/21/2000 Aircraft: N44TU Type: CESSNA A185F S/N: 18503616 Tach Time: 19.1, TCM IC-550D-13B S/N: 680020 Time: 19.1 TTSN COMPLETED ANNUAL INSPECTION CHECK LIST ON THIS AIRCRAFT ENGINE THIS DATE. REMOVED THE ENGINE OIL FILTER AND CUT OPEN TO INSPECT THE FILTER ELEMENT. NO METAL CONTAMINATION WAS FOUND IN THE FILTER. INSTALLED A NEW CH48109 IN ACCORDANCE WITH THE INSTRUCTIONS ON THE FILTER. AFTER THE ENGINE WAS TEST RUN THE FILTER INSTALLATION WAS INSPECTED FOR LEAKAGE AND NO LEAKAGE IS EVIDENT AT THIS TIME. THE ENGINE OIL WAS NOT CHANGED AT THIS TIME. COMPLETED COMPRESSION TEST ON THIS CONTINENTAL ENGINE IN ACCORDANCE WITH CONTINENTAL SERVICE BULLETIN M84-15. CALIBRATED THE COMPRESSION GAGES USING BORROUGHS TOOL 646953A. USING THIS PROCEDURE COMPRESSION READINGS ON THE LOW PRESSURE GAGE OF 48 LBS WHEN THE HIGH GAGE READS 80 LBS ARE ACCEPTABLE AS LONG AS THERE IS NO LEAKAGE BY THE VALVES. THE COMPRESSION ON THIS ENGINE IS AS FOLLOWS: #1 70/80 #2 77/80 #3 72/80 #4 70/80 #5 69/80 #6 70/80. ALL OF THESE COMPRESSIONS ARE WITH IN THE PARAMETERS CALLED OUT IN S/B M84-15. REINSTALLED A CLAMP ON THE LEFT REAR INTAKE MANIFOLD RUBBER COUPLER. ADJUSTED THE ENGINE IDLE DOWN TO 650 RPM. THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 4590 11/21/2000 ROGER E. SMITH <i>Roger E. Smith</i> JW4R585M CARTER AIRCRAFT, INC. FAA APPROVED REPAIR STATION. SEBRING FL.													

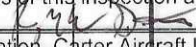
ENGINE LOG

DATE	R.P.M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LIC NU
		Ground					
		DATE: 1-2-04 REG: N44TU TACH: 48.3 TT: 1874.3 S/N 18503616 A185-F ANNUAL INSPECTION ENGINE: Completed annual inspection check list. Removed spark plugs and cleaned. Compression test is as follows. 1- 69/80 2-72/80 3-70/80 4-72/80 5- 74/80 6- 70/80. Compressions are within limits called out in SB M84-15. I certify that this engine has been inspected in accordance with annual inspection under W/O 362 at this facility. Aircraft Maintenance of Placid Lakes LLC. 100 Airport Rd. Lake Placid, Fl. 33852 and has been determined to be in airworthy condition.					
		AP 393468327 IA. Joseph A. Benton 					
		Date: 11/11/2004. Aircraft: N44TU. Type: CESSNA A185F. S/N: 18503616. Tach: 62.0. Total Time: 1886.0 - REMOVED THE TOP OF THE BATTERY BOX AND CHARGED THE BATTERY. REPLACED THE STARTER SOLENOID, P/N SA1577A1. TEST STARTED THE ENGINE SEVERAL TIMES WITH OUT INCIDENT. THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 5647.					
		11/11/2004 ROGER E. SMITH  JW4R585M CARTER AIRCRAFT, INC. FAA APPROVED. SEBRING FL.					
		BROUGHT FORWARD					
		TOTALS					

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LIC. NO.
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
	<p>Date: 3/27/2007; Aircraft: N44TU; Type: CESSNA A185F; S/N: 18503616; Tach: 78.70; Total Time: 1902.70; Engine - Type: TCM IO-550-D-13B; S/N: 680020; Time: 78.70; Prop - Type: PHC-C3YF-1RF/F8468A-6R; S/N: EE2898A; Time: 78.70</p> <p>Completed annual inspection check list this date on this aircraft engine. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time. Completed compression test on this Continental engine in accordance with Continental Service Bulletin SB03-3, section (B). Calibrated the compression gages using Borouhgs tool 646953A. Using this procedure compression readings on the low pressure gage of 48 LBS when the high gage reads 80 LBS are acceptable as long as there is no leakage by the valves. The compression on this engine is as follows: #1 76/80 #2 67/80 #3 74/80 #4 77/80 #5 74/80 #6 70/80. All of these compressions are within the parameters called out in SB03-3. Removed the original Brackett air filter element and installed a new element, BA-8103-1. Inspected the Brackett air filter housing for condition and found it to be in good condition, the screen was well attached and the gasket was secure. This filter element required replacement once each year or once each 200 hours of operation whichever ever comes first. Replaced damaged R/H cowl flap rod end rubber bushing with new assembly, P/N J-14290-4.</p> <p>This aircraft engine has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition. Pertinent details of this inspection are on file at this agency under order number 6372</p> <p>3/27/2007 Roger E. Smith <i>[Signature]</i> UW4R585M Carter Aircraft Inc. FAA Approved Repair Station. Sebring, FL.</p>												
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENS NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Date: 5/07/2012; Aircraft: N44TU; Type: CESSNA A185F; S/N: 18503616; Tach: 83.10; Total Time: 1907.10; Engine - Type: TCM O-550-D-13B, S/N: 680020, Time: 83.10 Prop - Type: PHC-C3YF-1RF/F8468A-6R, S/N: EE2898A, Time: 83.10 Completed annual inspection check list this date on this engine. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 25W-60wt. oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time. Completed compression test on this Continental engine in accordance with Continental Service Bulletin SB03-3, section (B). Calibrated the compression gages using Boroughs tool 646953A. Using this procedure compression readings on the low pressure gage of 48 LBS when the high gage reads 80 LBS are acceptable as long as there is no leakage by the valves. The compression on this engine is as follows: #1 74/80 #2 70/80 #3 71/80 #4 74/80 #5 75/80 #6 72/80. All of these compressions are within the parameters called out in SB03-3. Cut safety wire on the oil sump quick drain fitting jam nut. Tightened loose nut and safety wired in place. Inspected for oil leakage and no leakage is evident at this time. Tightened the alternator belt to the proper tension as prescribed in the maintenance manual for this aircraft. Inspected the alternator brackets and belt for condition and safetied the adjusting bolt on the alternator. Replaced missing screw in the rear engine baffle adjacent to the right magneto. This aircraft engine has been inspected in accordance with an ANNUAL Inspection and was determined to be in AIRWORTHY condition. Pertinent details of this inspection are on file at this agency under work order number 7940. 5/7/2012 Roger E. Smith  UJW4R585M FAA Approved Repair Station, Carter Aircraft Inc. Sebring Fl.													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

CONTINENTAL IO-550-D S/N 680020 IRAN INSPECTION IAW MANUAL # X30607 WITH THE FOLLOWING PARTS INSTALLED: CRANKCASE INSPECTED ID # A189906R, 1EA 646623 CRANKSHAFT INSPECTED S/N A309907N, 6EA 655911 CONNECTING ROD ASM O/H, 1EA P/N 653052 CAMSHAFT REGROUND S/N 184566, 6EA P/N 658592 P10 CYLINDER ASM O/H, 1EA P/N 639717-2 AIR FUEL CONTROL CONTINUED TIME S/N L069801A, 1EA 646508-15A2 MANIFOLD VALVE CONTINUED TIME S/N D20998C, 1EA 646212-1 FUEL PUMP CONTINUED TIME S/N L069810B, 1EA 10-349350-4 MAGNETO O/H S/N LY60136A, 1EA 10-349350-5 MAGNETO O/H S/N LY60136B, 1EA TCM IGNITION HARNESS CONTINUED TIME, 1EA 654593 OIL COOLER CONTINUED TIME S/N J98-2753-470, 1EA 643259A18 STARTER ADAPTER O/H S/N LY60136, 1EA 646275-1 STARTER O/H S/N IJ-079810, 1EA 646592A2 BEARING SET, 12EA 642398 BEARING, 1EA 537721 BEARING, 6EA 656990 BOLT, 8EA 350998 BUSHING, 16EA 639193 BUSHING, 16EA 629104 RET RING, 16EA 643629 PLATE, 4EA 643626-105 ROLLER, 2EA 643626-104 ROLLER, 2EA 643626-103 ROLLER, 4EA 654589 BOLT, 1EA MS35756-8 KEY, 6EA 628488 LIFTER INTAKE, 6EA 646277 LIFTER EXHAUST, 12EA 655958 ROD BOLT, 12EA 654490 NUT, 1EA 646548A1 GASKET SET, 4EA 2024 PLUG, 1EA 535823 GASKET, 1EA 631928 HOSE, 1EA 631266-1 CLAMP, 1EA 641250 SEAL, 10EA 654439-1 HOSE, 2EA 631972 CLAMP, 1EA 629163-5 CLAMP, 1EA 632762 NUT, 1EA X1473 GASKET, 8EA 530658 BUSHING, 2EA 10-400561 BEARING, 2EA MS16624-1037 RING, 2EA 10-349249 WASHER, 2EA 10-400567 BEARING, 2EA 10-90751-18 PIN, 6EA 10-53397 WASHER, 2EA 10-50752 WASHER, 2EA KA10-400615 CAPACITOR, 1EA 10-51324 SPRING, 2EA 10-400009 DATA PLATE, 2EA 10-349248 SLINGER, 2EA 10-391309 WASHER, 2EA 10-391213 SCREW, 2EA AB163374 FELT STRIP

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LY-CON REBUILDING CO. 8231 W DOE AVE VISALIA CA 93291 (559) 651-1070

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2EA AB160844 BRUSH, 4EA 10-349219 WEDGE, 2EA AB382584 CONTACT, 2EA 502102-1 RET RING, 6EA SA630046 PISTON PIN, 1EA X13041 BEARING, 1EA MS16626-3078 RING, 1EA 534685 BEARING, 1EA 643109 SPRING, 1EA 641368 NEEDLE BEARING, 1EA 653750 GASKET, 1EA 534715 RING, 1EA 502287-3 RET RING, 1EA 534980 SLEEVE, 1EA AN123862 O-RING, 1EA 10-51324 SPRING, 1EA 646328 SEAL, 1EA MS9021-038 O-RING, 1EA 7977 SHIM, 1EA 653749 GASKET, 1EA 657175 CRANK GEAR, 1EA NAS1805-4 NUT, 1EA MS21042-5 NUT, 1EA 631683 COUPLING, 1EA 656818 CAM GEAR, 6EA SA643766-1P05 GUIDE, 6EA 646985 SEAL, 2EA 24802 KEY, 6EA SA5000-SC5-P10 RING SET, 18EA 2441 NUT, 3EA MS21044N3 NUT, 2EA 539058 WASHER, 1EA 654857P010BP PISTON BALANCE PACK, 1EA 534938 SEAL, 2EA 646605 NUT, 1EA 501867 WASHER, 1EA 656209-1 LEVER, 1EA 656209-11 LEVER, 4EA 655269 CUSHION, 4EA 630979-9 O-RING, 6EA 24764 SCREW, 12EA RHB32E SPARK PLUG, 6EA 652436-1 CLAMP, 1EA CH48109-1 OIL FILTER, 6EA MS27215-2 DESSICANT PLUG. PORT FLOW & BALANCE CYLINDERS. TEST RUN 2.0 HOURS. REFERENCE WO 60136.

PAGE 2 OF 2

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THIS AIRCRAFT ENGINE IDENTIFIED ABOVE HAS BEEN REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS

OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER 60136 DATE 4/25/17

SIGNED


 LY-CON REBUILDING CO VISALIA CA
 REPAIR STATION CT3R435L

BROUGI

