

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N6328E

Engine Manufacturer CONTINENTAL

Model IO-520-D

Serial No. 57256L

Date installed on aircraft 2-25-80

Time Between Overhauls (TBO) 1700 Hours

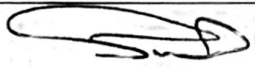
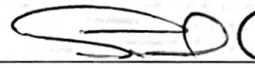
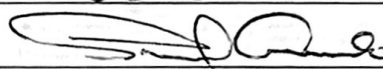
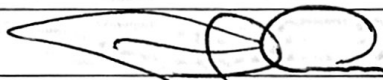
If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| <input type="checkbox"/> Right | <input type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |



AEROTECH PUBLICATIONS INC.

www.adlog.com
PO BOX 1359 / SOUTHOLD, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
12-23-00	1182.5	1182.5	1182.5	REMOVED ALL COWLING & ACCESS PANELS NECESSARY TO INSPECT IN ACCORDANCE WITH PART 43 APP'D CHANGED OIL & FILTER (CH 48108) AND SERVICED WITH AIS, W100 PLUS  AXP 435587018
12-28-00	1185.0		1185.0	REMOVED PROPELLER S/N 7910455 FOR OVERHAUL  AXP 435587018
2-10-01	1185.0		1185.0	INSTALLED PROPELLER S/N 7910455 ON N6328E  AXP 435587018
10-20-01	1192.0		1192.0	REMOVED #4 CYLINDER FOR LEAKING EX VALVE. REPLACED WITH RECONDITIONED CYLINDER, INSTALLED & TONGUE AS PER CONTINENTAL OVERHAUL MANUAL, WITH ALL NEW SEALS & GASKETS  AXP 435587018
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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LOUISIANA
AIRCRAFT
INC.

CRS UG1R531K
Office: 225-356-1401

P. O. Box 74170
Baton Rouge, LA 70874

N6328E Engine Log Entry 10/18/05 Page 1 of 1
Cessna A185F serial #18504025 Hours: 1202.9
Continental IO-520-D serial #572566 TSN: 1202.9

Complied with a 100 Hour Inspection this date in accordance with mfr's instructions and Cessna 185 Maintenance Manual. Changed oil and filter...service engine with Aeroshell W100 (50 wt) oil and install new #CH48108-1 filter. Replaced 5 each part #642917-1 intake hose seals with new. Clean, gap and test spark plugs. Check magneto to engine timing. Complied with AD 96-12-22 by inspection of oil filter adapter per AD instructions...next due at oil filter change. Wash engine and perform ground run with no leaks noted at this time and engine performance satisfactory.

I CERTIFY THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED AIRWORTHY FOR A RETURN TO SERVICE. DETAILS ON FILE THIS AGENCY WO #54251.

DATE 10/18/05 Authorized Signature [Signature]
 Larry R. Woodson / CRS #UG1R531K



LOUISIANA
AIRCRAFT
INC.

CRS UG1R531K
Office: 225-356-1401

P. O. Box 74170
Baton Rouge, LA 70874

N6328E Engine Log Entry 05/03/07 Page 1 of 1
Cessna A185F serial #18504025 Hours: 1203.3
Continental IO-520-D serial #572566 TSN: 1203.3

Complied with a 100 Hour Inspection this date in accordance with mfr's instructions and Cessna 185 Maintenance Manual. Changed oil and filter...service engine with Aeroshell W100 (50 wt) oil and install new #CH48108-1 filter. Complied with AD 96-12-22 by inspection of oil filter adapter per AD instructions...next due at oil filter change. Wash engine and perform ground run with no leaks noted at this time and engine performance satisfactory.

Compression: #1 73/80 #2 72/80 #3 75/80 #4 74/80 #5 74/80 #6 74/80

I CERTIFY THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED AIRWORTHY FOR A RETURN TO SERVICE. DETAILS ON FILE THIS AGENCY WO #54955.

DATE 5/3/07 Authorized Signature [Signature]
 Larry R. Woodson / CRS #UG1R531K

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WORK

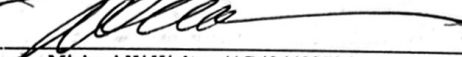
N6328E ENGINE LOG ENTRY 01/23/09 PAGE 1 OF 1

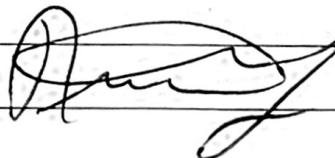
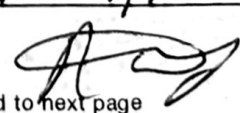
Continental IO-520-D SN: 572566 TSN: 1405.4

Cessna A185F SN: 185-04025 Hobbs: 1405.4

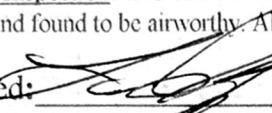
Complied with a 100 hr inspection this date IAW Cessna 185 maintenance manual and mfr's instructions. Changed oil and filter, serviced engine to capacity with Aeroshell 100W and installed new filter PN: CH48108-1. Complied with AD 96-12-22-INSPECTION OF OIL FILTER ADAPTER-check good at this time. Installed new induction air filter PN: BA-8103-1. Washed engine and performed ground run-functional and leak check good at this time. Compression test results as follows: #1-72/80 #2-76/80 #3-73/80 #4-72/80 #5-76/80 #6-60/80. Pressure of the day=48/80.

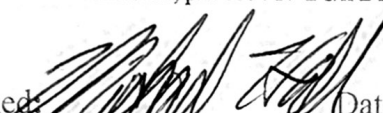
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED AIRWORTHY FOR A RETURN TO SERVICE. DETAILS ON FILE THIS AGENCY UNDER WO #55626.

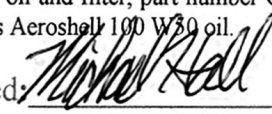
DATE 1-23-09 Authorized Signature 
 Michael W Walters/AP434438706

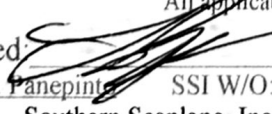
4/26/10	Tach 1548.4			Change oil and oil filter, service with CH48108-1 oil filter and Aeroshell 100 oil. Install new fuel line from spider valve to fuel controller. Install new seat hose from rear baffling to fuel controller. Clean, gap and inspect spark plugs. Compressions: 1) 64/80 2) 74/80 3) 69/80 4) 63/80 5) 65/80 6) 68/80 Check Timing. %w AD 96-12-22 inspection of oil filter adapter, due again @ next oil change. Wash engine, run-up, no leaks found at this time.  A+P 3030941
11/15/10	Tach 1602			Change oil and filter. Service w/ Aeroshell 100W + CH48108-1. %w AD 96-12-22 oil filter adapter, due again @ next oil change. Run-up, no leaks found at this time.
				SUB-TOTALS this page  A+P 3030941
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				TOTALS brought forward from previous page

N6328E Cessna A185F s/n 18504025
Manufacturer: Teledyne Continental **Model:** IO520D **Serial:** 572566
 Perform annual inspection in accordance with Cessna Service manual, D2067-1-13 and inspection checklist. Changed oil, retrieved oil sample for analysis, replaced oil filter, p/n CH48108-1. Cleaned spark plugs. Serviced with 10 quarts Aeroshell 100W 50 weight oil. Cylinder compression check results: cyl. #1: 70/80, cyl. #2: 62/80, cyl. #3: 64/80, cyl. #4: 70/80, cyl. #5: 66/80, cyl. #6: 70/80.
Annual Inspection. It is certified that this Engine has been thoroughly inspected as required by F.A.A. and found to be airworthy. All applicable A.D. notes checked thru 2011-13.
 Signed:  Date: 07/05/2011 Rating: IA438986799
 Name: L. Panepinto SSI W/O: 020550 Total Time: 1652.2 Tach: 1652.2
 Southern Seaplane, Inc. * Belle Chasse, LA * Phone: (504) 394-5633

N6328E Cessna A185F s/n 18504025
Manufacturer: Teledyne Continental **Model:** IO520D **Serial:** 572566
 Install new fuel controller, p/n 639717-2 s/n B147819A.
 Signed:  Date: 07/18/2011 Rating: A&P3403474
 Name: M. Hall SSI W/O: 020562 Total Time: 1659.1 Tach: 1659.1
 Southern Seaplane, Inc. * Belle Chasse, LA * Phone: (504) 394-5633

N6328E Cessna A185F s/n 18504025
Manufacturer: Teledyne Continental **Model:** IO520D **Serial:** 572566
 Changed oil and filter, part number CH48108-1. Retrieved oil sample for analysis. Serviced with 11 quarts Aeroshell 100 W50 oil.
 Signed:  Date: 09/01/2011 Rating: A&P3403474
 Name: M. Hall SSI W/O: 020634 Total Time: 1707.8 Tach: 1708.8
 Southern Seaplane, Inc. * Belle Chasse, LA * Phone: (504) 394-5633

N6328E Cessna A185F s/n 18504025
Manufacturer: Teledyne Continental **Model:** IO520D **Serial:** 572566
 Perform annual inspection in accordance with Cessna Service manual, D2067-1-13 and inspection checklist. Changed oil, retrieved oil sample for analysis, replaced oil filter, p/n CH48108-1. Replaced all 12 spark plugs p/n URNHB32E. Serviced with 11 quarts Aeroshell 100W 50 weight oil. Replaced the following in both magnetos: contact kit p/n M3081; gasket p/n 649954. Cylinder compression check results: cyl. #1: 61/80, cyl. #2: 70/80, cyl. #3: 74/80, cyl. #4: 74/80, cyl. #5: 62/80, cyl. #6: 70/80.
 C/W AD 96-12-22 (oil filter adapter) c/w by visual inspection.
Annual Inspection. I certify that this Engine has been inspected as required and found to be airworthy. All applicable A.D. notes checked thru 2012-13.
 Signed:  Date: 07/16/2012 Rating: IA438986799
 Name: L. Panepinto SSI W/O: 020973 Total Time: 1796.3 Tach: 1796.3
 Southern Seaplane, Inc. * Belle Chasse, LA * Phone: (504) 394-5633

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DATE

Jewell Aviation Inc.

418 Airport Rd.
P.O. Box 623
Kennett, MO 63857
573-888-5846
www.jewellaviation.com

Make:	Continental
Model:	IO-520D34A
Serial#	572566
Date:	2/14/2017
Tach Time:	_____
SMOH:	000.0

RK

On this date received engine for overhaul. Disassembled and inspected engine in accordance with Continental Manual X30039 and Standard Practice Manual M-0. Visually and dimensionally inspected all parts. All steel parts were magnafluxed and all non-ferrous parts were dye penetrant inspected. Crankshaft sent out for ultrasonic inspection, see form 8130-3. The engine was reassembled using the following new parts I/A/W with Standard Practice Manual M-0: Main bearings, Rod bearings, Rod Bolts, Rod Nuts, Crankcase Through Bolts, Crankshaft seal, Camshaft Assembly, Lifter Assemblies, Crankshaft and Camshaft gear bolts, Fuel Pump Coupling, Crankshaft Gear, Camshaft Gear, Crankshaft Counterweight Bushings, Rollers, Plates and Snap Rings, Gaskets, Seals, and Hardware. New SAP Millennium Cylinder Assemblies Installed, Serial: 526K162-2924, 2925, 2926, 2927, 2928, 3063 using new piston pin and cylinder hold down nuts. Fuel pump, manifold and metering valve overhauled by D&G Supply. CMI Rebuilt Ignition System BL-400451 with Magneto Serial: D16HA025R & D16HA125R with new Harness and Spark Plugs. CMI Starter Adapter R-643259A18 installed. Prop Governor Overhauled by Southwest Aero No other accessories were overhauled or replaced at owners request and times in service. Forms 8130-3s attached in records. This engine has been overhauled and made ready for test run in accordance with Continental Standard Practice Manual M-0 and Overhaul Manual X30039. For information on AD Compliance, see AD Compliance Record. Use non detergent Aeroshell oil during break-in period.

David Jewell A&P 3036572

PARADISE VALLEY AVIATION

1413 East Main Street, Clarksville Ar 72830 . 479-243-6604 . www.pvaviation.com

Date: 09/03/18

Model: IO-520-D

Serial Number: 572566

Registration #: N6328E

Tach: 1891.1

TT: 1891.1

TSMOH "0"

Installed this engine after a major overhaul by Jewell Aviation Inc. Installed new engine isolator mounts. Installed new fluid carrying Teflon/fire sleeved hoses. Installed new Brackett Induction filter. Serviced with Phillips XC20W50 oil. All ground operational and leak checks good.

I certify this engine has been inspected in accordance with an 100 hr/Annual Inspection and was determined to be in airworthy condition at this time.

Signed _____

Vernon Hampton
Vernon Hampton A&P431417955IA

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A.I.R., LLC
4411 Chuck Yeager Ave.
Baton Rouge, LA 70807

N6328E Engine Log Entry 10/26/18 Page 1 of 1
Cessna A185F serial #18504025 Hours: 1905.6
Continental IO-520-D serial #572566

Removed cowling and drain engine oil. Remove filter and cut open to inspect for wear metal with none found. Install and safety new filter. Service engine with Phillips 20W/50 oil. Replace exhaust system with new muffler and riser assemblies along with new clamps and all new flange hardware. Position and provide chafe protection of cabin heat duct to firewall. Replace alternator drive belt with new and adjust tension per mfr's instructions. Wash and ground run with no leaks noted and performance satisfactory. Install cowling.

I CERTIFY THE ABOVE WORK WAS DONE IN ACCORDANCE WITH MFR'S INSTRUCTIONS AND IS APPROVED FOR A RETURN TO SERVICE. DETAILS ON FILE WO #2661.

DATE 10/26/18 Authorized Signature


Larry R. Woodson / A&P34207561A

digital

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Make:	Continental	 HANCOCK AVIATION	Reg No.:	N6328E	
Model:	IO-520-D		Date:	1/24/2020	
Serial No.:	572566		W/O No.:	1288	
AFTT:	1965.9	ENGINE MAINTENANCE ENTRY		Tach:	1965.9
		TSOH:	74.8		

Description of Work Accomplished.

Work Completed:


- * Completed Hot Compression Check as follows: #1= 78/80, #2= 76/80, #3= 78/80, #4= 74/80, #5= 76/80, #6= 76/80
- * Completed Oil & Filter Change. Serviced engine with 11 qts of **Phillips X/C 20W50** and **AA48108-2** Oil Filter
- * Replaced Valve Cover Gaskets with new P/N: **RG-534857**
- * Replaced Intake Filter with new P/N: **BA-8103-1**

Inspections Completed:

- * Complied with Engine **100HR/Annual Inspection** IAW manufacturer's instructions and current FARs

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

Authorized Signature		Joseph B Averett 2740243 IA/AP
Hancock Aviation LLC 4421 Chuck Yeager Avenue Baton Rouge, LA 70807		Phone: (225) 800-2359 Fax: (225) 224-6211 Email: info@hancockaviation.com Web: www.hancockaviation.com

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D.	Make:	Continental	 HANCOCK AVIATION SALES SERVICE	Reg No.:	N6328E
	Model:	IO-520-D		Date:	4/9/2021
	Serial No.:	572566		W/O No.:	1493
AFTT:	2013.0	ENGINE MAINTENANCE ENTRY		Tach:	2013.0
		TSOH:			
		121.9			

Description of Work Accomplished.

Work Completed:

- * Completed Hot Compression Check as follows: #1= 62/80, #2= 61/80, #3= 62/80, #4= 60/80, #5= 55/80, #6= 62/80
- * Completed Oil & Filter Change. Serviced engine with **Phillips X/C 20W50** and **CH48109-1 Oil Filter**. Sent Sample to Aviation Laboratories for analysis.
- * Lubed Controls as needed.

Inspections Completed:

- * Complied with engine **Annual Inspection** IAW manufacturer's maintenance manual and current FARs.

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

Authorized Signature



Joseph B Averett 2740243 IA/AP

Hancock Aviation LLC
 4409 Chuck Yeager Avenue
 Baton Rouge, LA 70807

Phone: (225) 800-2359 Fax: (225) 224-6211
 Email: info@hancockaviation.com
 Web: www.hancockaviation.com

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Make:	Continental	 HANCOCK AVIATION <small>SALES SERVICE</small>	Reg No.:	N6328E	
Model:	IO-520-D		Date:	7/1/2021	
Serial No.:	572566		W/O No.:	1519	
AFTT:	2015.0	ENGINE MAINTENANCE ENTRY		Tach:	2015.0
		TSOH:			
		123.9			

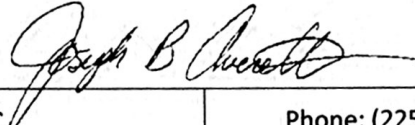
Description of Work Accomplished.

Work Completed:

- * Found Crack in lower portion of Oil Sump Pan. Removed and replaced with serviceable P/N: **537650** using new gasket P/N: **655546**. Leak check OK.
- * Found pinhole leak in LH middle intake tube. Removed and installed new tube P/N: **629138** using new gasket P/N: **649959**. Leak check OK.
- * Removed Fuel Controller P/N: **639717-2** S/N: **B147819A**. Installed Overhauled Fuel Controller P/N: **639717-2** S/N: **A309211AR**. Adjusted per MM. Ops check OK.
- * Cleaned all fuel injectors as needed.

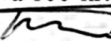
Approval for Return to Service

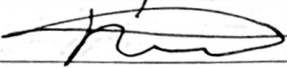
The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

Authorized Signature  **Joseph B Averett 2740243 IA/AP**

Hancock Aviation LLC 4409 Chuck Yeager Avenue Baton Rouge, LA 70807	Phone: (225) 800-2359 Fax: (225) 224-6211 Email: info@hancockaviation.com Web: www.hancockaviation.com
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06/19/23 Tach: 2086.1 TSMOH: 0195.00

Inspect intake and exhaust systems. Operate and inspect engine controls. Check timing. Clean, inspect and gap spark plugs. Compressions: 1)60/80, 2)61/80, 3)68/80, 4)65/80, 5)58/80, 6)70/80. New BA8103-1 Brackett filter. Clean fuel filter. Change oil and oil filter, service w/AA48108 filter and Phillips X/C 20W-50 oil. Run-up accomplished I/A/W 14C.F.R.43(C)(2)(I) good, no leaks found at this time. I certify that this engine has been inspected I/A/W a 100-hr. inspection and was determined to be in airworthy condition at this time.
 Robert A. Davis Jr. /  A&P #3030941

07/31/23	Tach 2088.8				Remove defective Tempest AA3216 CW ^{S/N} 251406 VACUUM PUMP. INSTALL 216 CW ^{S/N} 26354 Overhauled by Holly Aero W/O # 26354. Clear lines, run-up engine. System Normal.  A&P 3030941
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