

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:


Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310

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

This engine model IO550N2B, Serial Number 686259
was manufactured on 3-24-02 by Teledyne Continental
Motors in accordance with approved design data and the applicable requirements of
Part 21 of the Federal Aviation Regulation The approved design data for this engine
incorporates all changes required by applicable Airworthiness Directives and Teledyne
Continental Motors Service Bulletins.

Chris L Elliott

TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
4-26-02	0	0			 This engine installed in <u>N746DT</u> LC40-550FG S/N <u>40052</u> . <i>Edward E. Lopez</i> FOR LANCAIR CO. FLIGHT LINE.
5-22-02	3.5	3.5			Shadin Fuel Flow Transducer installed IAW instructions 4110 Rev H and STC SE16886L <i>Edward E. Lopez</i> FLIGHT LINE FOR THE LANCAIR CO.
26 JUNE 02	29.2				DRAINED SUMP & REMOVED FILTER. SERVICED WITH 8qts EXXON ELITE 20W-50 & INSTALLED NEW FILTER (CH48109). GROUND RUN-UP, OPERATIONAL, & LEAK CHECK SATISFACTORY. J.C. RAY AIP244728775
11 OCT 02	78.7				DRAINED OIL & REMOVED FILTER. ADDED 8 QTS EXXON ELITE 20W50 & INSTALLED NEW OIL FILTER (CH48109). GROUND RUN, LEAK & OPS CHECK OK. Shiley M. Wheeler AIP241805357
5 MAR 03	129	9			DRAINED OIL & REMOVED FILTER. SERVICED WITH 8qts. EXXON ELITE 20W-50 & INSTALLED NEW FILTER (CH 48109). GROUND RUN, LEAK CHECK SATISFACTORY. J.C. RAY AIP244728775M

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	Hrs.	Min.	Hrs.	Min.	

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ENGINE LOGBOOK ENTRY

N746DT 23MAY2003
CONTINENTAL IO 550-N2B, S/N 686259
165.7 HOBBS 165.7 T.T.E.

PERFORMED AN ANNUAL INSPECTION USING APPLICABLE SERVICE MANUALS AND 14 CFR 43 APP. D AS A GUIDE. COMPRESSION CHECK INDICATED CYLINDER NO. 1 @ 70/80, CYLINDER NO. 2 @ 72/80, CYLINDER NO. 3 @ 72/80, CYLINDER NO. 4 @ 72/80, CYLINDER NO. 5 @ 74/80, CYLINDER NO. 6 @ 70/80. DRAINED OIL AND REMOVED FILTER. SERVICED WITH 8 QTS. EXXON ELITE 20W-50 AND INSTALLED NEW FILTER (CH48109). CLEANED, GAPPED, AND ROTATED SPARK PLUGS. GROUND RUN AND LEAK CHECK SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.

TIM G. ROTHROCK A&P2447287751A *J. G. Rott*

Date	Total Time	Time Since Last Overhaul	Description
16 OCT 2003	212.2		DRAINED OIL & REMOVED FILTER. SERVICED WITH 8 QTS. EXXON ELITE 20W-50 AND INSTALLED NEW FILTER (CH48109). GROUND RUN-UP AND LEAK CHECK SATISFACTORY. <i>J. G. Rott A&P2447587751A</i>

ENGINE LOGBOOK ENTRY

N746DT 16OCT2003
CONTINENTAL IO 550-N2B, S/N 686259
217.0 HOBBS 217.0 T.T.E.

REMOVED ALTERNATOR (ALX-9425, S/N 0021711). INSTALLED NEWLY OVERHAULED ALTERNATOR (ALX-9425, S/N D102296). DRAINED OIL AND REMOVED FILTER. SERVICED WITH 8 QTS. EXXON ELITE 20W-50 AND INSTALLED NEW FILTER (CH48109). GROUND RUN AND LEAK CHECK SATISFACTORY.

TIM G. ROTHROCK A&P2447287751A *J. G. Rott*

Date	Total Time	Time Since Last Overhaul	Description
6-1-04	286.0		PERFORMED AN ANNUAL INSPECTION USING APPLICABLE SERVICE MANUALS & 14 CFR 43 APP. D AS A GUIDE. COMPRESSION CHECK INDICATED CYL #1 @ 76/80, CYL #2 @ 72/80, CYL #3 @ 72/80, CYL #4 @ 76/80, CYL #5 @ 74/80, CYL #6 @ 76/80. CLEANED & GAPPED SPARK PLUGS; REPLACED WITH NEW (RHB-32E) @ CYL #6 TOP. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN AN ANNUAL INSP & HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. <i>J. G. Rott A&P2447287751A</i>

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

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20 APR 04 267.2
DRAINED OIL & REMOVED FILTER. SERVICED WITH 8 QTS EXXON ELITE 20W-50 & INSTALLED NEW FILTER (CH48109). GROUND RUN, LEAK CHECK SATISFACTORY. *J. G. Rott A&P2447287751A*

4 Aug 2004 310.0
REMOVED STARTER ADAPTER (642083) & REPLACED SAME AFTER REPAIR. (TRIAD AVIATION W/O 14448). REMOVED ALTERNATOR (ALX-9425, S/N D102296) & REPLACED WITH NEWLY OVERHAULED UNIT/ALX-9425, S/N 2030234). GROUND RUN-UP, LEAK, & OPERATIONAL CHECK SATISFACTORY. *J. G. Rott A&P2447287751A*

26 Aug 2004 318.5
DRAINED OIL & REMOVED FILTER. SERVICED ENGINE WITH 8 QTS EXXON ELITE 20W-50 & INSTALLED NEW FILTER (CH48109). GROUND RUN-UP AND LEAK CHECK SATISFACTORY. *J. G. Rott A&P2447287751A*

30 DEC 04 364.8
DRAINED OIL & REMOVED FILTER. REPLACED W/ 8 QTS EXXON ELITE 20W-50 & NEW FILTER (CH48109). GROUND RUN & LEAK CHECK SATISFACTORY. *Shirley M. Wheeler 241805357*

ENGINE LOGBOOK ENTRY

N746DT 30 JUN 2005
CONTINENTAL IO 550-N2B, S/N 686259
421.0 HOBBS 421.0 T.T.E.

PERFORMED AN ANNUAL INSPECTION USING APPLICABLE SERVICE MANUALS, CHECKLISTS, AND 14 CFR 43, APP. D AS A GUIDE. COMPRESSION CHECK INDICATED CYL. NO. 1-68/80, CYL. NO. 2-67/80, CYL. NO. 3-74/80, CYL. NO. 4-72/80, CYL. NO. 5-71/80, CYL. NO. 6-69/80. INSTALLED ALL NEW SPARK PLUGS (RHB-32E). DRAINED OIL AND REMOVED FILTER. SERVICED WITH 8 QTS. EXXON ELITE 20W-50 AND INSTALLED NEW FILTER (CH48109-1). GROUND RUN, LEAK AND OPERATIONAL CHECK SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.

TIM G. ROTHROCK A&P2447287751A *J. G. Rott*

Date	Total Time	Time Since Last Overhaul	Description

