

 TELEDYNE CONTINENTAL



Gold Medallion Aircraft Engine

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

REBUILT ENGINE LOG

N162GM

AIRCRAFT N NUMBER

ENGINE MODEL NUMBER

ENGINE SERIAL NUMBER

This engine model 10550B13B, Serial No. 297123-R, was rebuilt/re-timed on 12/14/98 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.

| SR | AD | REMARKS | SR | AD | REMARKS |
|--------|----------|----------------------------------|----------|----------|-----------------------------------|
| M06-7 | 80-13-04 | REPLACED WITH NEW PART | M03-9 | 73-14-13 | PISTON SHAFT & COUPLING INSTALLED |
| M07-12 | 87-04-01 | REPLACED WITH NEW PART | MS003-12 | 93-10-02 | N/A SERIAL NUMBER NOT APPLICABLE |
| M07-20 | 88-17-03 | REPLACED WITH NEW PART | CS004-1 | 84-06-09 | REPLACED CAPACITOR AS APPLICABLE |
| M08-4 | 89-03-06 | REPLACED WITH NEW PART | CS004-15 | N/A | CRANKCASE STUD INSPECTION |
| M09-11 | N/A | ULTRASONIC INSPECTION OF BARRELS | MS005-6 | N/A | FUEL SYSTEMS |
| M10-6 | N/A | ULTRASONIC INSPECTION OF BARRELS | MS006-10 | N/A | CRANKSHAFT ULTRASONIC INSPECTION |
| M11-7 | N/A | ULTRASONIC INSPECTION OF BARRELS | MS004-8A | N/A | MAGNETO TO ENGINE TIMING |
| N/A | 91-10-03 | REPLACES OIL FILTER | CS0010A | 97-11-02 | PISTON PIN PLUG WEAR |
| M12-6 | N/A | ROCKER SHAFT RETENTION IMPROVED | | | |
| M12-14 | N/A | VISUAL INSPECTION | | | |

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

ENGINE DESCRIPTION

TYPE _____ MODEL IO 550 B 13 B SERIAL NO. 297123-R

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. | | TIM GRC | | LOG BOOK ENTRY FOR N62GM ENGINE | ATURE | LICENSE NUMBER |
|-----------------|--------|-----|---------|---|--|-------|----------------|
| | Ground | Air | Hrs. | N | | | |
| | | | | | JUNE 15, 2000 TACH 2903.1 SINCE FACTORY REMAN 100.9 | | |
| | | | | | ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH FAR 43 APPENDIX D. | | |
| | | | | | AD 99-19-01 EFF DATE APRIL 22, 1999 (TCM CRANKSHAFTS) THIS AD SUPERSEDES AD 99-09-17. PREVIOUSLY COMPLIED WITH MAY 25, 1999. MSB 00-5B DOES NOT APPLY BY S/N. | | |
| | | | | | INSTALLED GAMinjectors SEE FAA FORM 337 FOR DETAILS. OIL AND FILTER CHANGED, FILTER INSPECTED, SERVICED WITH AEROSHELL 100W. ENGINE TEST RUN INSPECTED FOR LEAKS AND IS APPROVED FOR RETURN TO SERVICE. | | |
| | | | | | I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY. <i>Richard Patshkowski</i> RICHARD PATSHKOWSKI A&P 1909051 | | |
| 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. | | | |
| | <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>ENGINE MODEL: IO550B ENGINE S/N: 297123R REG. NO: 62GM WORK ORDER: 5256-04-2011</p> </div> <div style="width: 30%; text-align: center;">  <p>XN Air, LLC. Repair Station No. FBMR485K 8125 W Pilot Drive Spokane, WA 99224 Phone: 509.455.5204</p> </div> <div style="width: 30%; text-align: right;"> <p>DATE: 4/14/2011 A/C TSN: 3424.2 ENG TT: 601.5 HOBBS: 3424.2</p> </div> </div> <p>Engine Entries</p> <p>Annual Inspection completed this time and date in accordance with FAR 43, Appendix D.... Compression, over 80 psi: #1= 70, #2=68, #3=68, #4=68, #5=66, #6=68. MO =46.... Drained oil and changed filter. Serviced with 11 qts. Aeroshell 100W plus oil.... Removed all fuel nozzles, Cleaned, inspected, reinstalled and torqued per TCM SB96-7C.... Ground run and leak check good, approved for return to service.</p> <p>Aircraft 62GM and/or component(s) identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 5256-04-2011 Dated 4/27/2011</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>DATE: 4/14/2011</div> <div style="text-align: center;"> <p>SIGNED: </p> <p>Jeff Wolfe Certified Repair Station No. FBMR485K</p> </div> <div style="text-align: right;"> <p>Work Order: 5256-04-2011 Printed by EBis 3 (datcomedia.com)</p> </div> </div> | | | | | | | | | | | | |
| 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. | | | |
| | <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>ENGINE MODEL: IO550B ENGINE S/N: 297123R REG NO: 62GM WORK ORDER: 5591-02-2012</p> </div> <div style="width: 30%; text-align: center;">  <p>Aircraft Solutions, LLC. Repair Station No. FBMR485K 8125 W Pilot Drive Spokane, WA 99224 Phone: 509-838-8883</p> </div> <div style="width: 30%; text-align: right;"> <p>DATE: 3/16/2012 A/C TSN: 3480.7 ENG TT: 658 HOBBS: 3480.7</p> </div> </div> <p>Engine Entries</p> <p>Annual Inspection completed this time and date in accordance with FAR 43, Appendix D.... Compression, over 80 psi: #1=60, #2=49, #3=64, #4=49, #5=61, #6=61. Master orifice reading = 46/80.... Replaced oil filter with new and inspected old filter for contamination. None found. NO OIL CHANGE AT THIS TIME.... Removed fuel injection nozzles, cleaned reinstalled with new seals and torqued per Tomado Alley instructions/ installation manual.... Removed air conditioner idler pulley replaced bearing with new bearing reinstalled idler pulley Tentioned belt and tourqed all bolts to M/M spec.... Ground run and leak check good, approved for return to service.</p> <p>Aircraft 62GM and/or component(s) identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 5591-02-2012 Dated 3/16/2012</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>DATE: 3/16/2012</div> <div style="text-align: center;"> <p>SIGNED: </p> <p>Jeff Wolfe Certified Repair Station No. FBMR485K</p> </div> <div style="text-align: right;"> <p>Work Order: 5591-02-2012 Printed by EBis 3 (datcomedia.com)</p> </div> </div> | | | | | | | | | | | | |
| BROUGHT FORWARD | | | | | | | | | | | | | |
| TOTALS | | | | | | | | | | | | | |

ENGINE LOG

| | | | | | |
|-----------------|---|--|--|-----------|----------------|
| DATE | ENGINE MODEL: IO 550-B13B ENGINE S/N: 297123-R REG. NO: 62GM WORK ORDER: 5845-01-2013 | HIGH PERFORMANCE AIRCRAFT, INC. Repair Station No. HPFR569X 1850 JOE CROSSON DRIVE El Cajon, CA 92020 Phone: 858-576-5000 | DATE: 3/20/2013 A/C TSN: 3520.4 ENG TT: 697.7 HOBBS: 3520.4 | SIGNATURE | LICENSE NUMBER |
| | Engine Entries COMPLETED AN ANNUAL/100 HOUR INSPECTION IN ACCORDANCE WITH FAR PART 43, APPENDIX D, USING CURRENT BEECHCRAFT BONANZA SERIES MAINTENANCE MANUAL 5-20-00, AS A GUIDE. ALL AD'S COMPLIED WITH THROUGH THIS DATE (SEE ATTACHED LIST)... REPLACED UPPER DECK AIR INTERCONNECT TUBE BRACKET WITH P/N 633787, AND GROMMET P/N 434-134... REMOVED, CLEANED, INSPECTED, AND REINSTALLED FUEL INJECTORS WITH 12 EA. O-RINGS P/N 630979 AND 6 EA. WASHERS P/N 640612.... REPLACED WASTEGATE FITTING O-RINGS WITH 1 EA. OF P/N MS28778-4 AND P/N MS28778-6... PERFORMED DIFFERENTIAL COMPRESSION CHECK; 1) 66/80, 2) 64/80, 3) 70/80, 4) 68/80, 5) 70/80, 6) 72/80. CHECKED MAG TIMING, CLEANED, GAPPED, TESTED AND ROTATED SPARK PLUGS, CLEANED FUEL INJECTORS, CLEANED FUEL INJECTION SERVO SCREEN... DRAINED OIL. RETAINED SAMPLE FOR TESTING. CUT OPEN AND INSPECTED OIL FILTER-NO METAL FOUND. REPLACED OIL FILTER WITH ONE EA. CHAMPION P/N CH48109-1. SERVICED ENGINE WITH 12 QUARTS EXXON ELITE 20W50 OIL. GROUND RUN PERFORMED. OPERATION IS NORMAL WITH NO LEAKS DETECTED AT THIS TIME | | | | |
| | The aircraft and/or component(s) identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of this repair are on file at this repair station under Work Order No. 5845-01-2013 Dated | | | | |
| | DATE: 3/20/2013 | SIGNED Dan Salzman Certified Repair Station No. HPFR569X | Work Order: 5845-01-2013 Printed by EBis 3 (datcomedia.com) | | |
| BROUGHT FORWARD | | | | | |
| TOTALS | | | | | |

ENGINE LOG

CAM CERTIFIED AIRCRAFT MAINTENANCE 12925 Wildcat Way, Burleson, TX, 76028

ENGINE: CONT MOTOR

MODEL: IO 550B

S/N: 297123-R

SMOH: 980

TACH: 3790.0

HOBBS: 3792.1

DESCRIPTION OF WORK PERFORMED:

Changed oil and filter CH48109-1, serviced with 11 qts. Phillips X/C 20-50W. Cut filter and inspected. Timed Magnetos. Tighten induction crossover. Cleaned fuel injectors. Repositioned baffling inner cylinder between #2 and #4.

August 7, 2015

Clifford A. Millican

DATE

SIGNATURE

A&P 3456353

LICENSE
NUMBER

BROUGHT FORWARD

TOTALS