# N5769X

1962 Cessna 320

## LH Engine Logbook SMOH 1999 - 2023

Aircraft S/N: 320-0069



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

15 SEPTEMBER 1999 HOBBS READS: 954.5 TSMOH: 0.0 N5769X LEFT ENGINE, TCM TSIO-470-B. SERIAL NO. 99282-1-B DATE CENSE DUR THIS ENGINE OVERHAULED I.A.W. T.C.M. OVERHAUL MANUAL NO. X-30033. C.W. APPLICABLE SERVICE **JMBER** BULLETINS THROUGH MSB99-3C. ENGINE ASSEMBLED USING ALL T.C.M. NEW GASKETS, SEALS, CTR. WT. PINS, PLATES, & RET. RINGS, BEARINGS, ROD BOLTS & NUTS, PISTON PINS AND LIFTERS. INSTALLED NEW TCM CYLINDER KIT ASSY'S P/N 654960A3. CRANKCASE OVHL CERTIFIED BY DIVCO, INC. (CRS DB2R762K) - SEE MAINTENANCE RELEASE DATED 12/30/97, W.O. 65630. CRANKSHAFT OVHL. (MAINS AND RODS GROUND M010) CERTIFIED BY AIRCRAFT SPECIALTIES SERVICES (CRS DD2R764K) - SEE MAINTENANCE RELEASES DATED 00 01/19/95, W.O. 72672. COUNTER WEIGHTS OVHL., CONNECTING RODS OVHL., CAMSHAFT OVHL., AND ALL INTERNAL STEEL MAGNAFLUX INSPECTION, CERTIFIED BY AIRCRAFT SPECIALTIES SERVICES (CRS DD2R764K) - SEE MAINTENANCE RELEASES DATED 1/5/95 & 1/19/95, W.O. 72637. REPLACED STARTER ADAPTER CLUTCH SPRING WITH NEW. INSTALLED OVERHAULED ROCKER ARMS - SEE AIRCRAFT SPECIALTIES SERVICES (CRS DD2R764K) MAINTENANCE RELEASE DATED 9/7/99, W.O. 106308. MAGNETOS DIS-ASSEMBLED FOR 500 HOUR INSPECTION, REPLACED POINTS & CONDENSORS WITH NEW. EXHAUST COMPONENTS REPLACED WITH NEW FAA/PMA PARTS: INBD STACK ASSY, OTBD STACK ASSY, INBD ELBOW (INCONEL), OTBD ELBOW (INCONEL), AND INBD. & OTBD SLIP JOINTS. EXHAUST COMPONENTS REPAIRED BY KNISLEY EXHAUST SYSTEMS, INC. (CRS NJ3R712L): 0850656-1 TAILPIPE, AND 0850655-54 HEADER - SEE MAINT. RELEASES DATED: 9/13/99, W.O. 95443. PROPELLER OVERHAULED BY NEW MEXICO AIRCRAFT PROPELLER (CRS N5PR141Y) - SEE MAINT. RELEASE DATED: 9-13-99, W.O. 1107, BLADES MODIFIED TO "MV" SERIES, AD 97-18-02 NO LONGER APPLIES. CLEANED, INSPECTED, AND RE-GAPPED SPARK PLUGS. CLEANED FUEL SCREENS. CLEANED INDUCTION AIR FILTER. INSTALLED NEW OIL FILTER, PRE-OILED AND SERVICED WITH 11 QTS. AEROSHELL 100 NON-DETERGENT. C.W. AD 72-14-08 R1 FLEXIBLE HOSE ASSY. BY VISUAL INSPECTION - NO DEFECTS NOTED AT THIS TIME, NEXT DUE AT HOBBS: 1014.5. C.W. AD 75-23-08 R5 EXHAUST SYSTEM INSPECTION, SEE ABOVE -NEXT DUE AT HOBBS: 1004.5. AD 97-21-02 TO PREVENT PISTON PIN SIDE LOADING N/A CYLINDERS NOT PURCHASED DURING SPECIFIED PERIOD. AD 98-01-08 EXHAUST ROLLER ROCKERS, N/A NOT INSTALLED. AD 98-17-11 CRANKSHAFT FAILURE, N/A BY CRANKSHAFT OVHL. AD 99-09-17 CRANKSHAFT FAILURE, N/A BY CRANKSHAFT OVHL. ENGINE RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE AND PROPELLER HAVE BEEN INSPECTED IAW AN ANNUAL INSPECTION AND HAVE BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE. STEVEN R. JOHNSON, A&P 585568445 I.A.

### ENGINE LOG

| DATE | DURATION   | ACCUMULATED<br>TOTAL TIME<br>HOURS IOTHS  | REPAIRS ADJUSTMENTS   | SIGNATURE   | LICENSE<br>NUMBER |
|------|--|---|---|---|-------------------|
|      | N5769X  100 HR. 62, 4-64, SPARK CONDIT INSPECTOR INSPECT | IMBER 2000 HOLLING ENGINE TO INSPECTION P. 5-65, 6-70. INSPECTION, SECURITY TION, NEXT DUTTION, NEXT DUTTION DUE BY 9 C/W PARA. (E) CED ALL P/N M. 6480.5. AD 99-18E, N/A BY MANEY THAT THIS IS BEEN DETERM | BBS: 990.0 TSMOH: 35.5 M TSIO-470-B S/N 99282-1-B  ERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX D. COMPRESE PECTED MAGNETOS AND CHECKED TIMING. CLEANED, INSPECT BED FUEL SCREENS. CLEANED FUEL NOZZLES. INSPECTED ALL FOR AND CLEARANCE. AD 2000-01-16, STATUS IS AS FOLLOWS: C/W E BY HOBBS: 1040.0 OR 12-15-00, WHICHEVER OCCURS LATER; P/W 104; C/W PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT EXHAUST PRESSURE CHECK, NEXT DUE BY 11/01; PARA. (F) SEGMING OF AND PROPESS OF AND STATE OF AND STATE OF AND STATE OF AND STATE OF AND PROPELIER HAVE BEEN INSPECTED IAW WITH A 100 NED AIRWORTHY FOR RETURN TO SERVICE. | PLUMBING FOR PARA. (B) VISUAL ARA. (C) TAILPIPE DUE BY HOBBS: MENTED CLAMPS, STEM OVHL DUE BY 8-51 CRANKSHAFT L CHECK GOOD. I |                   |
|      |  |   |   |   |                   |
|      |  | C   | ARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NE  | EXT PAGE  |                   |

#### ENGINE LOG ACCUMULATED DATE TOTAL TIME LICENSE DURATION REPAIRS --- ADJUSTMENTS SIGNATURE HOURS TOTHS NUMBER 15 JUNE 2005 HOBBS: 1123.9 TSMOH: 169.4 N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B 100 HR/ANNUAL INSPECTION PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX D. COMPRESSION: 1-77, 2-78, 3-76, 4-77, 5-72, 6-77. INSPECTED MAGNETOS AND CHECKED TIMING. CLEANED, INSPECTED AND RE-GAPPED SPARK PLUGS. CLEANED FUEL SCREENS. INSPECTED ALL PLUMBING FOR CONDITION, SECURITY, AND CLEARANCE AD 2000-01-16, STATUS IS AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1173.9 OR 7-15-04, WHICHEVER OCCURS LATER; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 6-2006; PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST PRESSURE CHECK, NEXT DUE BY 6-06; PARA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARA. (G) EXHAUST SYSTEM OVHL L/ENG. DUE BY AFTT: 6480.5, R/ENG. DUE BY AFTT: 6212.0. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSPECTION AND HAVE BEEN DETERMINED AIRWORTHY FOR RETURN TO SERVICE. JESUS J TORRES AP 527477618 IA

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

#### ENGINE LOG

| DATE           | DURATION   |   | TIME   | REPAIRS ADJUSTMENTS   | SIGNATURE  | LICENSE |
|----------------|--|---|--|---|--|---------|
| APril<br>HOBBS | 27,206   | HOURS   | Ютнѕ   | Dic Change + his dove  Drained oil and Refloced  filter, Serviced w/ 11 Q+5 A/5  100 Rund of for 16th check  Alex Serves All 2772703  |  | NUMBER  |
|                | 100<br>1-7/<br>RE-<br>COI<br>01-1<br>WH<br>BEA<br>NEX<br>OVI-<br>OPE | HR/ANN<br>2, 2-63, 3-<br>GAPPED<br>NDITION,<br>16, STATI<br>ICHEVER<br>AM & FIRI<br>(T DUE B<br>HL L/ENG<br>ERATION,<br>PECTION | UAL IN-<br>74, 4-<br>SPAF<br>SECU<br>US IS A<br>R OCC<br>EWALI<br>Y 7-07<br>DUE<br>AL CH | BS: 1168.8 TSMOH: 214.3 TOTAL 3180.2  NE TCM TSIO-470-B S/N 99282-1-B  NSPECTION PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX 70, 5-64, 6-64. INSPECTED MAGNETOS AND CHECKED TIMING. CL RK PLUGS. CLEANED FUEL SCREENS. INSPECTED ALL PLUMBING JRITY, AND CLEARANCE. INSTALLED OVERHAULED FUEL MANIFOL AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY H URS LATER; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 7  L INSPECTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAU T; PARA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARA BY AFTT: 6480.5, R/ENG. DUE BY AFTT: 6212.0. GROUND RUN-UP F ECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED HAVE BEEN DETERMINED AIRWORTHY FOR RETURN TO SERVICE ON A&P 585568445 IA | EANED, INSPECTED AND AND WIRING FOR D PN# 631427-1. AD 2000-10BBS: 1218.8 OR 8-1-06, -2007; PARA. (D) ENGINE JST PRESSURE CHECK, A. (G) EXHAUST SYSTEM FOR LEAK AND LAW WITH AN ANNUAL |         |

## ENGINE LOG

| DATE | DURATION  | TOTAL TIME HOURS IOTHS   | REPAIRS ADJUSTMENTS  | SIGNATURE  | LICENSE<br>NUMBER |
|------|---|--|--|--|-------------------|
| 19   | 26.55   |  | HOBBS READS 1207.0   |  |                   |
|      |   |  | TCM TSIO-470-B sn# 99282-1-B   |  |                   |
|      | AND   | WASTEGATE A  | IL REMOVED AND REPLACED OIL FILTER. REMOVED AND RECTUATOR HOSE. SERVICED WITH 12 QUARTS OF AEROSHELL ONAL CHECK GOOD.  | PLACED OIL FILTER HOSES<br>. 100. GROUND RUN-UP FOR  |                   |
|      | STEV  | EN R. JOHNSO   | N, A&P 585568445   |  |                   |
|      | N5769X I<br>100 HR/A<br>2-60, 3-70<br>GAPPED<br>SECURIT<br>NEXT DU<br>NEXT DU<br>PARA. (E<br>HOBBS:<br>GROUNE<br>INSPECT<br>SERVICE | NNUAL INSPECTOR NNUAL INSPECTOR NAME OF THE BY 6-60, 6-60, 6-60, 6-60, 6-60, 6-60 SPARK PLUGS TY, AND CLEAR OF BY 9-2008; PA OF EXHAUST PRINTED IAW WITH A | BBS: 1207.0 TSMOH: 252.5 TOTAL 3218.4  M TSIO-470-B S/N 99282-1-B  TION PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX D. D. INSPECTED MAGNETOS AND CHECKED TIMING. CLEANED, IN CLEANED FUEL SCREENS. INSPECTED ALL PLUMBING AND WANCE. AD 2000-01-16, STATUS IS AS FOLLOWS: C/W PARA. (B) V. 257.0 OR 9-2008, WHICHEVER OCCURS LATER; C/W PARA. (C) TARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY ESSURE CHECK, NEXT DUE BY 9-2008; PARA. (F) SEGMENTED CLEANED CHECK, NEXT DUE BY 9-2008; PARA. (F) SEGMENTED CLEANED CHECK GOOD. I CERTIFY THAT THIS END ANNUAL INSPECTION AND HAS BEEN DETERMINED AIRWORN | NSPECTED AND RE- VIRING FOR CONDITION, ISUAL INSPECTION, AILPIPE INSPECTION, HOBBS: 1490.0; C/W LAMPS, NEXT DUE DUE BY AFTT: 6212.0. ENGINE HAS BEEN THY FOR RETURN TO |                   |
|      | <ul> <li>STEVEN</li> </ul>  | R. JOHNSON A   | &P 585568445 IA  |  |                   |

|      |    | ENGINE LOG   |         |
|------|----|--|---------|
| DATE | DL | 22 JULY 2008 HOBBS READS 1215.9<br>N5769X L/H ENGINE   | LICENSE |
|      |    | INSTALLED CUSTOMER FURNISHED SERVICEABLE TURBOCHARGER MODEL# T1106 PN# 629844-1 SN# FBR 0110. INSTALLED OVERHAULED TACH GENERATOR PN# 0850350-5RX SN# 6295. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.  STEVEN R. JOHNSON A&P 585568445 IA   |         |
|      |    | 21 NOVEMBER 2008 HOBBS: 1225.8 TSMOH: 271.3 TOTAL 3237.2<br>N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B   |         |
|      |    | 100 HR/ANNUAL INSPECTION PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX D. COMPRESSION: 1-70, 2-62, 3-75, 4-70, 5-70, 6-61. DRAINED ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICED WITH 10 QTS. OF AEROSHELL 100W. INSPECTED MAGNETOS AND CHECKED TIMING. CLEANED, INSPECTED AND REGAPPED SPARK PLUGS. CLEANED FUEL SCREENS. INSPECTED ALL PLUMBING AND WIRING FOR CONDITION, SECURITY, AND CLEARANCE. AD 2000-01-16, STATUS IS AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1275.8 OR 11-2009, WHICHEVER OCCURS LATER; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 11-2009; PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST PRESSURE CHECK, NEXT DUE BY 11-2009; PARA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARA. (G) EXHAUST SYSTEM OVERHAUL L/ENG. DUE BY AFTT: 6480.5. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED AIRWORTHY FOR RETURN TO SERVICE. |         |
|      |    |  |         |

| INSPECTION   | REPAIRS  | MSPSCHON:   |
|--|--|---|
| INSPECTED BY CONDITION   | DATE REPAIRED BY AND STAGE   | REPAIRS MADE  |
| 18-19-4 Julat  | ACH 3/2.500 - 0 ALP 1179:  | 153   |
| 7.7.3176   | go log wear wings  | ge  |
|  |  |   |
|  |  |   |
| DECEMBER 2009 HOBBS: 1298  | 6 TSMOH: 354.0 TOTAL 3319.1  |   |
| 69X L/H ENGINE TCM TSIO-47   | )-B S/N 99282-1-B  |   |
| HD/ANNES 5.73 6.62 DDAINE  | D ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICE   | ED WITH 10  |
| OF AFROCHELL SOW INSPE   | TED MAGNETOS AND CHECKED HMING. CLEANED, INSELOT   | LD AND ILL  |
| DED CDARK DILICS CLEANE  | SELECTOR SCREENS INSPECTED ALL PLUMBING AND WIKING IN  | JK  |
| LU SEART LOGG. GLEARL  | A TERMATOR MITTURE OF THE PARTY | 3520 AD   |
| IDITION, SECURITY, AND CLE   | RANCE, REPLACED ALTERNATOR WITH SERVICABLE FIN ALG   | 1398.6 OR 12-   |
| IDITION, SECURITY, AND CLEAD-01-16, STATUS IS AS FOLLO   | RANCE. REPLACED ALTERNATOR WITH SERVICABLE FIN AL-<br>VS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS:  | 1398.6 OR 12-<br>PARA. (D)  |
| IDITION, SECURITY, AND CLEAD-<br>0-01-16, STATUS IS AS FOLLON<br>0, WHICHEVER OCCURS LATE  | RANCE. REPLACED ALTERNATOR WITH SERVICABLE FIN ALG<br>VS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS:<br>R; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 12-2010   | 1398.6 OR 12-<br>PARA. (D)<br>PRESSURE  |
| DITION, SECURITY, AND CLEAD-01-16, STATUS IS AS FOLLOW<br>WHICHEVER OCCURS LATE<br>WINE BEAM & FIREWALL INSPECK, NEXT DUE BY 12-2010; PA   | RANCE. REPLACED ALTERNATOR WITH SERVICABLE FIN ALC<br>VS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS:<br>R; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 12-2010<br>CTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST<br>RA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARA  | 1398.6 OR 12-<br>PARA. (D)<br>PRESSURE<br>A. (G)<br>PERATIONAL                |
| IDITION, SECURITY, AND CLEAD-01-16, STATUS IS AS FOLLON, WHICHEVER OCCURS LATE<br>INE BEAM & FIREWALL INSPECK, NEXT DUE BY 12-2010; PA<br>AUST SYSTEM OVERHAUL LA  | RANCE. REPLACED ALTERNATOR WITH SERVICABLE FIN ALG<br>VS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS:<br>R; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 12-2010<br>CTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST<br>RA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARA<br>NG. DUE BY AFTT: 6480.5. GROUND RUN-UP FOR LEAK AND O   | 1398.6 OR 12-<br>PARA. (D)<br>PRESSURE<br>A. (G)<br>PERATIONAL<br>PECTION AND |
| DITION, SECURITY, AND CLEA<br>-01-16, STATUS IS AS FOLLON<br>, WHICHEVER OCCURS LATE<br>INE BEAM & FIREWALL INSPE<br>CK, NEXT DUE BY 12-2010; PA<br>AUST SYSTEM OVERHAUL LA                                | RANCE. REPLACED ALTERNATOR WITH SERVICABLE FIN ALGORS. C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: R; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 12-2010 CTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST RA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARANG. DUE BY AFTT: 6480.5. GROUND RUN-UP FOR LEAK AND OHIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSTHY FOR RETURN TO SERVICE I/A/W/ ALL WORK PERFORMED  | 1398.6 OR 12-<br>PARA. (D)<br>PRESSURE<br>A. (G)<br>PERATIONAL<br>PECTION AND |
| DITION, SECURITY, AND CLEADING STATUS IS AS FOLLON, WHICHEVER OCCURS LATE INE BEAM & FIREWALL INSPECK, NEXT DUE BY 12-2010; PACUST SYSTEM OVERHAUL LATE OF GOOD. I CERTIFY THAT THE BEEN DETERMINED AIRWOR | RANCE. REPLACED ALTERNATOR WITH SERVICABLE FIN ALGORS. C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: R; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 12-2010 CTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST RA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARANG. DUE BY AFTT: 6480.5. GROUND RUN-UP FOR LEAK AND OHIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSTHY FOR RETURN TO SERVICE I/A/W/ ALL WORK PERFORMED  | 1398.6 OR 12-<br>PARA. (D)<br>PRESSURE<br>A. (G)<br>PERATIONAL<br>PECTION AND |
| DITION, SECURITY, AND CLEA<br>-01-16, STATUS IS AS FOLLON<br>, WHICHEVER OCCURS LATE<br>INE BEAM & FIREWALL INSPE<br>CK, NEXT DUE BY 12-2010; PA<br>AUST SYSTEM OVERHAUL LA                                | RANCE. REPLACED ALTERNATOR WITH SERVICABLE FIN ALGORS. C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: R; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 12-2010 CTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST RA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARANG. DUE BY AFTT: 6480.5. GROUND RUN-UP FOR LEAK AND OHIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSTHY FOR RETURN TO SERVICE I/A/W/ ALL WORK PERFORMED  | 1398.6 OR 12-<br>PARA. (D)<br>PRESSURE<br>A. (G)<br>PERATIONAL<br>PECTION AND |
| DITION, SECURITY, AND CLEADI-01-16, STATUS IS AS FOLLON, WHICHEVER OCCURS LATE<br>INE BEAM & FIREWALL INSPECK, NEXT DUE BY 12-2010; PAUST SYSTEM OVERHAUL LATE<br>CK GOOD. I CERTIFY THAT THE              | RANCE. REPLACED ALTERNATOR WITH SERVICABLE FIN ALGORS. C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: R; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 12-2010 CTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST RA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARANG. DUE BY AFTT: 6480.5. GROUND RUN-UP FOR LEAK AND OHIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSTHY FOR RETURN TO SERVICE I/A/W/ ALL WORK PERFORMED  | 1398.6 OR 12-<br>PARA. (D)<br>PRESSURE<br>A. (G)<br>PERATIONAL<br>PECTION AND |
| DITION, SECURITY, AND CLEADI-01-16, STATUS IS AS FOLLON, WHICHEVER OCCURS LATE IN BEAM & FIREWALL INSPECK, NEXT DUE BY 12-2010; PAUST SYSTEM OVERHAUL LATE GOOD. I CERTIFY THAT THEEN DETERMINED AIRWOR    | RANCE. REPLACED ALTERNATOR WITH SERVICABLE FIN ALGORS. C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: R; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 12-2010 CTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST RA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARANG. DUE BY AFTT: 6480.5. GROUND RUN-UP FOR LEAK AND OHIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSTHY FOR RETURN TO SERVICE I/A/W/ ALL WORK PERFORMED  | 1398.6 OR 12-<br>PARA. (D)<br>PRESSURE<br>A. (G)<br>PERATIONAL<br>PECTION AND |
| OITION, SECURITY, AND CLEAD 1-16, STATUS IS AS FOLLOWN WHICHEVER OCCURS LATENE BEAM & FIREWALL INSPECT, NEXT DUE BY 12-2010; PAUST SYSTEM OVERHAUL LAS GOOD. I CERTIFY THAT THE BEEN DETERMINED AIRWOR     | RANCE. REPLACED ALTERNATOR WITH SERVICABLE FIN ALGORS. C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: R; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 12-2010 CTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST RA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARANG. DUE BY AFTT: 6480.5. GROUND RUN-UP FOR LEAK AND OHIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSTHY FOR RETURN TO SERVICE I/A/W/ ALL WORK PERFORMED  | 1398.6 OR 12-<br>PARA. (D)<br>PRESSURE<br>A. (G)<br>PERATIONAL<br>PECTION AND |

| PRO  | PELLER INSPECTION   | a KEFAIKS  |
|--|---|--|
| INSPECTION   |   | REPAIRS  |
|  | BBS: 1298.6 TSMOH: 354.0 TOTAL 3319.1<br>I TSIO-470-B S/N 99282-1-B                     | REPAIRS MADE   |
| Replaced exhaust valve an up for operational and leak performed.     | d guide on #2 cylinder IAW TCM maintenance checks was good. This engine is approved for | e manual and aircraft maintenance manual. Run return to service with respect to the above work |
| Stuart Miles   | CRS#J7BR555Y W/O 5  | 406.   |
| OPERATIONAL CHECK GOO  STEVEN R. JOHNSON CRS# BODE AVIATION WO# 5466 | NAM /   |  |
| 7/8/10 Hm  | after overhaul.   | dengine driven frel pun<br>ee Deft Carb & Freling  |
|  | check good 4-END  | My Not 9585568445  |
|  |   |  |

## PROPELLER INSPECTION & REPAIRS

|     | INSPECTION   | Exp. A 4.3 No. of the second back these   | REPAIRS   | SAME.     |
|-----|--|---|---|-----------|
| ATE | 24 JULY 2010 HOBBS: 1347.2<br>N5769X L/H ENGINE TCM TS   | SIO-470-B S/N 99282-1-B   |   | - Be - 31 |
| _   | CLEANED FUEL INJECTORS   |   | ECKED GOOD. COMPLIED WITH AD 2000-  |           |
|     |  |   |   |           |
| -   | 16 SEPTEMBER 2010 HOBBS<br>N5769X L/H ENGINE TCM TS  | O-470-B S/N 99282-1-B   |   |           |
|     | C/W 500 HOUR MAG INSPECT<br>AND OIL SEAL IN RIGHT MAG<br>REPAIR AND REINSTALLED. O<br>JESUS TORRES AP527477618                               | ION IAW TCM SERVICE MANUAL. REPLAC<br>AND DISTRIBUTOR GEAR IN LEFT MAG. F<br>BROUND RUN-UP FOR LEAK AND OPERAT                                    | ED ALL POINTS, DISTRIBUTOR BLOCK<br>REMOVED FUEL PUMP FOR WARRANTY<br>TONAL CHECK GOOD.                             |           |
|     | AND OIL SEAL IN RIGHT MAG<br>REPAIR AND REINSTALLED. C<br>JESUS TORRES AP527477618   | ION IAW TCM SERVICE MANUAL. REPLAC<br>AND DISTRIBUTOR GEAR IN LEFT MAG. F<br>GROUND RUN-UP FOR LEAK AND OPERAT<br>399.1 TSMOH: 454.5 TOTAL 3419.6 | ED ALL POINTS, DISTRIBUTOR BLOCK REMOVED FUEL PUMP FOR WARRANTY TONAL CHECK GOOD.  BODE AVIATION, INC CRS J7BR5555Y |           |
|     | AND OIL SEAL IN RIGHT MAG<br>REPAIR AND REINSTALLED. O<br>JESUS TORRES AP527477618<br>10 NOVEMBER 2010 HOBBS: 1<br>N5769X #1 ENGINE TCM TSIC | ION IAW TCM SERVICE MANUAL. REPLAC<br>AND DISTRIBUTOR GEAR IN LEFT MAG. F<br>GROUND RUN-UP FOR LEAK AND OPERAT<br>399.1 TSMOH: 454.5 TOTAL 3419.6 | BODE AVIATION, INC CRS J7BR555Y ational check good. Leak check good. This   |           |

|          | REPAIRS  |
|----------|--|
| DATE INS | SPECTION   |
|          | 100 HOUR/ANNUAL INSPECTION COMPLETED IN ACCORDANCE WITH FAR 43 APPENDIX D, USING CESSNA MODEL 320 INSPECTION CHECKLIST AS A GUIDE. COMPRESSION AS FOLLOWS:1-70/80, 2-72/80, 3-76/80, 4-71/80, 5-65/80, 6-62/80. DRAINED ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICED WITH 10 QTS. OF AEROSHELL 80W. INSPECTED MAGNETOS AND CHECKED TIMING. CLEANED, INSPECTED AND REGAPPED SPARK PLUGS. CLEANED FUEL SCREENS. CLEANED INDUCTION AIR FILTER. INSPECTED ALL PLUMBING AND WIRING FOR CONDITION, SECURITY, AND CLEARANCE. AD 2000-01-16, STATUS IS AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1462.0 OR 12-2011, WHICHEVER OCCURS LATER; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 12-2011; PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY BY 12-2011; PARA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARA. (G) EXHAUST SYSTEM OVERHAUL DUE BY AFTT: 6480.5. AD 2009-19-07 C2 TO PREVENT LOSS OF ENGINE POWER N/A BY MANUFACTURE DATE. AD 2010-11-04 TO PREVENT EXCESSIVE HYDRAULIC LIFTER WEAR N/A BY OVERHAUL DATE. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED AIRWORTHY FOR RETURN TO SERVICE.  STEVEN R. JOHNSON A&P 585568445 IA WO#5965: |
|          | 10 Feb 2011 Hobbs 1418-6 Started new   |
|          | engine 109.  |

| 10 FEBRUARY 2011 HOBBS: 1418.6 TSMOH: 494.0<br>N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B  | 1S<br>f  |
|--|--|
| REPLACED ALL ENGINE FLUID CARRYING HOSES, SUPPLIED BY VARGA ENTERPRISES SEE WO# 25698. REINSTALLED L/H OUTBOARD EXHAUST ELBOW AFTER REPAIRING SHEETMETAL AT ELBOW SUPPORT BRACKET. INSTALLED NEW EXHAUST SEGMENTED "V" CLAMPS PN# B38C37 FOR 500 HOUR TIME CHANGE, REINSTALLED THROTTLE/MIXTURE CONTROL PN# 629904-6 AFTER OVERHAUL, SEE AIRCRAFT CARBURETOR AND INJECTION SERVICE WO#3278. RIGGED ENGINE CONTROLS IAW CESSNA MAINTENANCE MANUAL. THIS ENGINE APPROVED FOR RETURN TO SERVICE.  STEVEN R. JOHNSON A&P 585568445 MO#5086 | 3.)  |
| TO THE   |  |
| 1 JUNE 2011 HOBBS: 1435.6 N5769X CESSNA 320 S/N 320-0069 LEFT ENGINE TSIO-470-B SN# 99282-1-B  INSTALLED OVERHAULED STARTER. PART NUMBER MHJ-4003S SN# H-K121866. INSTALLED NEW R/H MAGNETO NOISE FILTER. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.  STEVEN R. JOHNSON &P 585568445 BODE AVIATION WO# 4923  |  |
|  |  |
| 6 OCTOBER 2011 HOBBS: 1459.0 N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B  DRAINED ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICED WITH 10 QTS. OF AEROSHELL 100W. COMPLIED WITH AD 2000-01-16, IAW PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1509.0 OR 10-2012. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.  STEVEN R. JOHNSON A&P 585568445   |  |
|  | REPLACED ALL ENGINE FLUID CARRYING HOSES, SUPPLIED BY VARGA ENTERPRISES SEE WO# 25698. REPLACED ALL ENGINE FLUID CARRYING HOSES, SUPPLIED BY VARGA ENTERPRISES SEE WO# 25698. REINSTALLED L/H OUTBOARD EXHAUST ELBOW AFTER REPAIRING SHEETMETAL AT ELBOW SUPPORT BRACKET. INSTALLED NEW EXHAUST SEGMENTED VC LAMPS PN# B38C37 FOR 500 HOUR TIME CHANGE, REINSTALLED THROTTLE/MIXTURE CONTROL PN# 6299046 AFTER OVERHAUL, SEE AIRCRAFT CARBURETOR AND INJECTION SERVICE WO#3278. RIGGED ENGINE CONTROLS IAW CESSNA MAINTENANCE MANUAL, ADJUSTED IDLE MIXTURE AND SET IDLE RPM. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.  THIS ENGINE APPROVED FOR RETURN TO SERVICE.  STEVEN R. JOHNSON A&P 585568445 WO#5986  I JUNE 2011 HOBBS: 1435.6 N5769X CESSNA 320 S/N 320-0069 LEFT ENGINE TSIO-470-B SN# 99282-1-B  INSTALLED OVERHAULED STARTER. PART NUMBER MHJ-4003S SN# H-K121866. INSTALLED NEW R/H MAGNETO NOISE FILTER. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.  STEVEN R. JOHNSON &P 585568445 BODE AVIATION WO# 4923  6 OCTOBER 2011 HOBBS: 1459.0 N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B  DRAINED ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICED WITH 10 QTS. OF AEROSHELL 100W. COMPLIED WITH AD 2000-01-16, IAW PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1509.0 OR 10-2012. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. |

| YEAR<br>20 |   | RECORDING<br>TACH  | TODAY'S<br>FLIGHT   | TOTAL<br>TIME IN   | Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name. Rating and Certificate Number of  |
|------------|---|--|---|--|--|
| DATE       | Augus<br>N5769  | t 28, 2012 Hob<br>X L/H Engine   | bs reads 1<br>TCM TSIO  | 469.5 TSMOH<br>-470-B sn# 992  | 467.4 Total time 3490.0<br>82-1-B  |
|            | counted Counted overhal Aircraft Inc. who manual main is removed and fur publication and results Service N5769 Reinstoiled et good. | erweight bushing erweights reconsuled, see Airon 1 Specialties Reassembled Reassembled System compation no. X420 splaced all harded overhauled wow 13421. St. Installed netalled propeller engine and serion R. Johnson A. | ngs installer nditioned staft Special | d, TCM MSB see Aircraft Spatties Services ac. wo# 210671 as overhauled new counterwenuts. Installed adapter with obleaned fuel injuneto 500 hour inew. Reinstalled aum pump, sid all baffling ar mounts, bolts haul, see New 12 quarts of Aircraft Services. | ge for inspection IAW TCM SB 96-11B. Crankshaft reconditioned, new 96-10A complied with, see Aircraft Specialties Services, Inc. wo# 210671. Decialties Services, Inc. wo# 210671. Camshaft reconditioned and lifters Inc. wo# 210671. Connecting rods and rocker arms reconditioned, see Inc. All remaining steel parts magnafluxed, see Aircraft Specialties Services, by Divico Inc. see wo# 100640. Engine reassembled IAW TCM Overhaul light pins, plates and snap rings. Installed all new gear bolts, rod bearings, all new locktabs, gaskets, packings and seals. Reinstalled cylinders as verhauled starter shaft and new 654565M015 spring. Reinstalled alternator ectors. Disassembled magnetos and overhauled IAW TCM ignition systems inspection completed. Installed new distributor gears kits, greased bearings and magnetos and timed to engine. Cleaned gapped and tested spark plugs are dramaining plumbing. Installed this engine in L/H position of Cessna 320 and locktabs. Installed overhauled Turbo tailpipe see Knisley wo# 141169. Mexico Aircraft Propeller wo# 4015. Installed new oil filter CH48104-1. Preferoshell 50 wt. detergent oil. Ground run-up for leak and operational check |
|            |   |  |   |  |  |
|            |   |  |   | 100  |  |
|            |   |  | 40  |  |  |
|            |   |  |   |  |  |
|            |   |  |   |  |  |
|            |   |  |   |  |  |

AUGUST 28, 2012 HOBBS: 1469.5 TSMOH: 467.4 TOTAL 3490.0 YEAR N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B 20 100 HOUR/ANNUAL INSPECTION COMPLETED IN ACCORDANCE WITH FAR 43 APPENDIX D, USING CESSNA DATE MODEL 320 INSPECTION CHECKLIST AS A GUIDE. COMPRESSION AS FOLLOWS:1-70/80, 2-75/80, 3-73/80, 4-71/80, 5-74/80, 6-70/80. CLEANED FUEL SCREENS. CLEANED INDUCTION AIR FILTER. INSPECTED ALL PLUMBING AND WIRING FOR CONDITION, SECURITY, AND CLEARANCE. AD 2000-01-16, STATUS IS AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1519.2 OR 9-28-2012, WHICHEVER OCCURS LATER; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 8-2013; C/W PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY HOBBS: 1969.5 OR AFTT 4892.0; C/W PARA. (E) EXHAUST PRESSURE CHECK, NEXT DUE BY 8-2013; PARA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1918.6; PARA. (G) EXHAUST SYSTEM OVERHAUL DUE BY AFTT: 6480.5. AD 2009-19-07 C2 TO PREVENT LOSS OF ENGINE POWER N/A BY MANUFACTURE DATE. AD 2010-11-04 TO PREVENT EXCESSIVE HYDRAULIC LIFTER WEAR N/A BY OVERHAUL DATE. AD 2012-03-06 C TO PREVENT AN IN FLIGHT ENGINE SHUTDOWN, N/A NOT EQUIPPED. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED ARWORTHY FOR RETURN TO SERVICE. STEVEN JOHNSON CRS#J7BR555Y WO# 6374 27 NOVEMBER 2012 HOBBS: 1495.7 TSO 493.6 N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B DRAINED ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICED WITH 11 QTS. OF AEROSHELL 80W. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. STEVEN R. JOHNSON A&P 585568445 JUNE 5,2013 HOBBS:1519.4 N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B DRAINED ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICED WITH 11 QTS. OF AEROSHELL 100W. COMPLIED WITH AD 2000-01-16, IAW PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS:1569.4 OR 6-2014. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. **TIMOTHY BOURGOINE A&P 3178231** 

| EAR<br>O<br>ATE | _   | RECORDING<br>TACH<br>TIME   | TODAY'S<br>FLIGHT   | TOTAL<br>TIME IN<br>SERVICE  | Entries must be endorsed wi   | ions, Tests, Repairs and Alterations ith Name, Rating and Certificate Number of (See back pages for other specific entries.)   |
|-----------------|---|---|---|--|---|--|
|                 |   |   |   | .9 TSMOH: 564<br>0-470-B s/n 99  | 4.8 Total: 3587.4<br>282-1-B  | Bode Aviation INC<br>CRS J7BR555Y  |
|                 | timing.<br>plumbi<br>inspect<br>10-201<br>next du<br>AFTT:<br>been in | ist as a guide. Cleaned, insp ng and wiring tion, next due 4; para. (d) en ue by 10/2014; 6480.5, R/eng | Compress pected and for conditi by hobbs: gine beam para. (f) s Due by A with an An | ions as follows re-gapped spation, security, at 1616.9 or 10-2 at & firewall inspection in the firewall inspection wall inspection | s: 1-72/80, 2-74/80, 3-71/80, 4-74/ark plugs. Cleaned fuel screens. nd clearance. AD 2000-01-16, s 2014, whichever occurs later; C/W pection, next due by hobbs: 1969. mps, next due hobbs: 1918.6; par Ground run-up for leak and operar and has been determined airwort | d, using Cessna model 320 inspection /80, 5-75/80, 6-74/80. Inspected magneto Cleaned induction air filter. Inspected all status is as follows: C/W para. (b) visual para. (c) tailpipe inspection, next due by .5; c/w para. (e) exhaust pressure check, ra. (g) exhaust system OH L/eng. Due by stional check. I certify that this engine has thy for return to service. |
|                 | _   |   |   | TSMOH: 602.<br>SIO-470-B s/n   | 0 Total: 3624.6<br>99282-1-B  | Bode Aviation INC<br>CRS J7BR555Y  |
|                 | para<br>next<br>pres<br>L/en  | . (b) visual ins<br>due by 10-20<br>sure check, ne<br>g. Due by AFT                                     | spection, n<br>14; para.<br>ext due by<br>T: 6480.5,                                | ext due by Ho<br>(d) engine bea<br>10/2014; para.<br>R/eng. Due by   | bbs: 1704.1 or 7/25/15, whicheven & firewall inspection, next due (f) segmented clamps, next due h  | O. AD 2000-01-16 status is as follows: C/W er occurs later; para. (c) tailpipe inspection, e by hobbs: 1969.5; C/W para. (e) exhaust hobbs: 1918.6; para. (g) exhaust system OH or leak and operational check. This aircraft is  |
|                 | Chris   | s Whitaker CR   | S J7BR55  | 5Y   |   | WO 7133  |
|                 |   |   |   |  |   |  |

| AR<br>E | RECORDING<br>TACH<br>TIME  | TODAY'S<br>FLIGHT  | TOTAL<br>TIME IN<br>SERVICE  | Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)  |
|---------|--|--|--|--|
|         | Nov 01, 2014 H<br>N5769X L/H en  |  |  | 27.6 Total: 3650.2 Bode Aviation INC CRS J7BR555Y  |
|         | checklist as a g<br>filter with Aeros<br>plugs. Cleaned  | uide. Comp<br>hell 100w,<br>fuel scree   | pressions as fo<br>and CH48104<br>ns. Cleaned in   | in accordance with far 43 appendix D, using Cessna model 320 inspection ollows: 1-65/80, 2-60/80, 3-74/80, 4-52/80, 5-60/80, 6-52/80. Changed oil and oil 4-1 filter. Inspected magneto timing. Cleaned, inspected and re-gapped spark onduction air filter. Inspected all plumbing and wiring for condition, security, and  |
|         | whichever occurrence inspection, next clamps, next disconnection. Replace that this engine   | rs later; (<br>due by ho<br>ue hobbs:<br>ed # 6 cylin<br>has beer<br>eturn to ser                                    | C/W para. (c) bbbs: 2019.5; c 1918.6; para. nder spark plug inspected IA vice with regar                                   | follows: C/W para. (b) visual inspection, next due by hobbs: 1676.9 or 10-2015, tailpipe inspection, next due by 10-2015; para. (d) engine beam & firewall c/w para. (e) exhaust pressure check, next due by 10/2015; para. (f) segmented (g) exhaust system OH L/eng. Due by AFTT: 6480.5, R/eng. Due by AFTT: g with new P/N RHB32E. Ground run-up for leak and operational check. I certify the with an Annual Inspection and has been determined to be in an airworthy rd to the above work performed.  CRS J7BR555Y WO 7212 |
|         | whichever occurinspection, next clamps, next difference of 6212.0. Replace that this engine condition and results of the stuart Miles A&   | rs later; (c) due by houe hobbs: ed # 6 cyling has been eturn to ser P 5853935                                       | C/W para. (c) bbbs: 2019.5; c 1918.6; para. nder spark plug inspected IA vice with regard 695 IA Cessna 320 S              | rtailpipe inspection, next due by 10-2015; para. (d) engine beam & firewall c/w para. (e) exhaust pressure check, next due by 10/2015; para. (f) segmented (g) exhaust system OH L/eng. Due by AFTT: 6480.5, R/eng. Due by AFTT: g with new P/N RHB32E. Ground run-up for leak and operational check. I certify W with an Annual Inspection and has been determined to be in an airworthy rd to the above work performed.  CRS J7BR555Y WO 7212  CRS J7BR555Y WO 7212  |
|         | whichever occurinspection, next clamps, next discrete that this engine condition and results and the stuart Miles A&Bode Aviation 25 June 2015 Left engine To Cleaned all furnispection, next discrete that this engine condition and results and the stuart Miles A&Bode Aviation 25 June 2015 Left engine To Cleaned all furnispection, next discrete that this engine and results are stuart that the stuart Miles A&Bode Aviation 25 June 2015 Left engine To Cleaned all furnispection, next discrete that this engine condition and results are stuart that the stuart t | rs later; (c) due by houe hobbs: ed # 6 cyling has been eturn to ser P 5853935  Inc. 25 N5769X (c) MTSIO-el injector | C/W para. (c) bbbs: 2019.5; c 1918.6; para. nder spark plug inspected IA vice with regard 695 IA Cessna 320 S 470-B S/N 99 | rtailpipe inspection, next due by 10-2015; para. (d) engine beam & firewall c/w para. (e) exhaust pressure check, next due by 10/2015; para. (f) segmented (g) exhaust system OH L/eng. Due by AFTT: 6480.5, R/eng. Due by AFTT: g with new P/N RHB32E. Ground run-up for leak and operational check. I certify W with an Annual Inspection and has been determined to be in an airworthy rd to the above work performed.  CRS J7BR555Y WO 7212  CRS J7BR555Y WO 7212  |

| YEAR<br>20<br>Date   | RECORDING<br>TACH<br>TIME  | TODAY'S<br>FLIGHT   | TOTAL<br>TIME IN<br>SERVICE  | Entries must be endorsed with Nam   | Tests, Repairs and Alterations<br>ne, Rating and Certificate Number of<br>back pages for other specific entries.)   |  |  |
|--|--|---|--|---|---|--|--|
|  | September 16, 2015 N5769X C320 Hobbs: 1683.6  LEFT ENGINE  1. Ultrasonically cleaned injector, cleaned and gapped spark plugs on #5 cylinder.  2. Post maintenance turn performed satisfactory.  3. All readings on engine monitor were normal.  Aero Services of Winchester, Inc.   |   |  |   |   |  |  |
|  | 615 Airport Ro<br>Winchester, V<br>540-665-0193  | pad Suite 10<br>A 22602<br>s: 1701.2 T  | 97<br>SMOH: 699.1  |   | Bode Aviation INC   |  |  |
| 100 check replate gapp seculor 11 occulor hobbit cylin beer serv | klist as a guide ced oil filter. Fill ed spark plugs. rity, and clearant 1-2016, whichevers later; C/W parts 1969.5; Cos: 1918.6; paralder spark plug vices con the control of the control | spection concepts. Compressed with Ae Cleaned for cocurs If a. (c) tailpoor cocurs If a. (c) tailpoor cocurs If a. (d) exhaus with new Poor cocurs If a. (e) exhaus with new Poor cocurs If an Allo the above | ompleted in a sions as follow, uel screens. 00-01-16, stater; C/W particle inspection e) exhaust prost system OHON RHB32E. | accordance with far 43 appendix D, using ows: 1-65/80, 2-60/80, 3-75/80, 4-50/80, 5-6, and CH48104-1 filter. Checked magneto tin Cleaned induction air filter. Inspected all platus is as follows: C/W para. (b) visual inspectora. (b) visual inspectora. (b) visual inspection, next due by Hobbson, next due by 11-2016; para. (d) engine bear essure check, next due by 11/2016; para. H L/eng. Due by AFTT: 6480.5, R/eng. Due Ground run-up for leak and operational chection and has been determined to be in an accordance. | 55/80, 6-60/80. Drained oil, and ming. Cleaned, inspected and reumbing and wiring for condition, ction, next due by Hobbs: 1679.7 s: 1751.2 or 11-2016, whichever as & firewall inspection, next due (f) segmented clamps, next due by AFTT: 6212.0. Replaced # 6 eck. I certify that this engine has |  |  |

|                      | February 01, 2017 HOBBS: 1765.4 ACTT: 4689.9 TSMOH: 765.3 ETT: 3787.9 N5769X CESSNA 320 SER# 320-0069 ENGI. #1 TCM TSIO-470-B S/N 99282-1-B   | BODE AVIATION INC  |
|----------------------|---|--|
| YEAI<br>20 _<br>Dati | CW TOP O.H. STEEL CYLINDER'S P/N 658184, S/N 106465-1, 106465-3, 106465-5, 104669-7, 104669-9 SUPERIOR PISTON RING'S SET P/N "ST106". EXHAUST VALVE P/N AEC637781. ROCKER SHAFT KINEW GASKETS AND "O" RINGS. GROUND RUN OP"S AND LEAK CHECK GOOD. THIS ENGINE HAS SERVICE WITH RESPECT TO THE ABOVE WORK PERFORMED.   | I PIN MAS-1. MOSEMBLED AND INSTALLED MITH  |
|                      | GILBERT B. ARAGON A&P 1835643 IA S. B. WORDON   | WO# 7807   |
| -                    | February 02, 2017 Hobbs: 1765.4 TSMOH: 765.3 Total: 3787.9<br>N5769X L/H engine TCM TSIO-470-B S/N 99282-1-B  | Bode Aviation INC  |
|                      | 100 hour/Annual inspection completed in accordance with far 43 appendix D, use checklist as a guide. Drained oil, and replaced oil filter P/N CH48104-1, serviced with Checked magneto timing. Cleaned, inspected and re-gapped spark plugs. Cleaned filter. Inspected all plumbing and wiring for condition, security, and clearance. AD 2 para. (b) visual inspection, next due by Hobbs: 1865.4 or 12-2017, whichever inspection, next due by Hobbs: 1865.4 or 02-2018, whichever occurs later; C/W par 12-2017; para. (d) engine beam & firewall inspection, next due by hobbs: 1969.5; C/N next due by 02/2018; para. (f) segmented clamps, next due hobbs: 1918.6; para. (g) AFTT: 6480.5, R/eng. Due by AFTT: 6212.0. Ground run-up for leak and operational been inspected IAW with an Annual Inspection and has been determined to be in service with respect to the above work performed.  Gilbert B. Aragon A&P 1835643 IA | fuel screens. Cleaned induction air 2000-01-16, status is as follows: C/W occurs later; C/W para. (b) visual a. (c) tailpipe inspection, next due by W para. (e) exhaust pressure check, 2) exhaust system OH L/eng. Due by all check. I certify that this engine has an airworthy condition and return to |
| _                    | May 6, 2017 HOBBS: 1786.3 ACTT: 4710.8 TSMOH: 786.2 ETT: 3808.8<br>N5769X CESSNA 320 SER# 320-0069 ENGI. #1 TCM TSIO-470-B S/N 99282-1-B  | BODE AVIATION INC<br>DOUBLE EAGLE II AIRPORT   |
| Alara da             | INSTALLED GAMI INJECTOR KIT ON THIS ENGINE IAW STC SE09289SC. PERFORMED GROUND RUN IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE ABOVE WORK PERFORMED.  | FOR OPS AND LEAK CHECKS. THIS AIRCRAFT   |
|                      | STUART MILES A&P 585393595  | WO# 7962   |

| TE | October 04, 2019 Hobbs: 1811.3 TSMOH: 809.2 Total: 3831.8 N5769X L/H engine TCM TSIO-470-B s/n 99282-1-B  100 hour/Annual inspection completed in accordance with far 43 appendix checklist as a guide. Compressions as follows: 1-65/80, 2-60/80, 3-74/80, 4-52 filter with Aeroshell 100w, and CH48104-1 filter. Inspected magneto timing. plugs. Cleaned fuel screens. Cleaned induction air filter. Inspected all plumb clearance. AD 81-09-09 Stewart Warner heater pressure decay test - next do hose assy. inspection no defects noted, next due Hobbs: 1911.3. AD 2000-01-inspection, next due by Hobbs: 1911.3 or 10-2020, whichever occurs later; C/N 10-2020; para. (d) engine beam & firewall inspection, next due by hobbs: 1969 next due by 10/2020; para. (f) segmented clamps, next due hobbs: 1918.6; pa AFTT: 6480.5, R/ENG. Due by AFTT: 6212.0. Replaced 6 spark plugs with new operational check. I certify that this engine has been inspected IAW with an Art to be in an airworthy condition and return to service with regard to the above wo | C/80, 5-60/80, 6-52/80. Changed oil and oil Cleaned, inspected and re-gapped sparking and wiring for condition, security, and ue 1911.3. C/W AD 72-14- 08 R1 flexible 6 status is as follows: C/W para. (b) visual V para. (c) tailpipe inspection, next due by 5.5; C/W para. (e) exhaust pressure check, ra. (g) exhaust system OH L/ENG. due by P/N RHB32E. Ground run-up for leak and appeal inspection, and has been determined |
|----|--|--|
|    | Stuart Miles A&P 585393595 IA  | WO 8286  |
|    | November 22, 2021 Hobbs: 1811.3 TSMOH: 809.2 Total: 3831.8<br>N5769X L/H engine TCM TSIO-470-B s/n 99282-1-B   | Bode Aviation INC KAEG   |
|    | Annual inspection completed in accordance with far 43 appendix D inspection of follows: 1-56/80, 2-53/80, 3-70/80, 4-70/80, 5-75/80, 6-65/80. Changed oil ar CH48104-1 filter. Inspected magneto timing. Cleaned, inspected and re-gappe Cleaned induction air filter. Inspected all plumbing and wiring for condition, see Stewart Warner heater pressure decay test - next due 1911.3. C/W AD 72-14-0 defects noted, next due Hobbs: 1911.3. AD 2000-01-16 status is as follows: C/V by Hobbs: 1911.3 or 11-2022, whichever occurs later; C/W para. (c) tailpipe inspengine beam & firewall inspection, next due by Hobbs: 1969.5; C/W para. (e) 11/2022; para. (f) segmented clamps, next due Hobbs: 1918.6; para. (g) exhauden inspected IAW with an Annual Inspection and has been determined to  | and oil filter with Aeroshell 100w, and d spark plugs. Cleaned fuel screens. urity, and clearance. AD 2017-06-03 8 R1 flexible hose assy, inspection no V para. (b) visual inspection, next due ection, next due by 11-2022; para. (d) exhaust pressure check, next due by ust system OH L/ENG, due by AFTT:   |

| R<br>E    | RECORDING<br>TACH<br>TIME  | TODAY'S<br>FLIGHT   | TOTAL<br>TIME IN<br>SERVICE  | Total - would be andorsed with  | ons, Tests, Repairs and Alteration Name, Rating and Certificate Number of See back pages for other specific entries.   |
|-----------|--|---|--|---|--|
|           | N5769X L/H   | engine TCI  | M TSIO-470-B   | oH: 809.3 Total: 3831.9<br>s/n 99282-1-B  | Bode Aviation INC<br>KAEG  |
|           | follows: 1-65 CH48104-1 f Cleaned indu R1 flexible he para. (b) vis inspection, n (e) exhaust exhaust syst R/ENG Due | filter. Inspect<br>uction air filtose assy. in<br>ual inspecti<br>ext due by<br>pressure chem overhau | or, 3-65/80, 4-6<br>cted magneto ti<br>er. Inspected al<br>aspection no de-<br>tion, next due b<br>09/2024; para.<br>neck, next due<br>uled by Aerospa | iming. Cleaned, inspected and re-gaply plumbing and wiring for condition, secure fects noted, next due Hobbs: 1911.4. And Hobbs: 1861.4 or 9/30/24, whiches (d) engine beam & firewall inspection, by 09/2024; para. (f) segmented clanace Welding CRS# UWDR792L OH L/6 | and oil filter with Aeroshell 100w, and ped spark plugs. Cleaned fuel screens. curity, and clearance. C/W AD 72-14-08 AD 2000-01-16 status is as follows: C/W ver occurs later; C/W para. (c) tailpipe next due by Hobbs: 2311.4; C/W para. (p) ENG due by AFTT: 7233.9 OR 09/2034, iaphragm assy with new IAW X30593A |
|           | checks. This condition and   | engine has<br>d is approve  | been inspected<br>ed for return to   | cotion eveteme /3-30-04 Periorineo  | as been determined to be in an airworthy   |
|           | abacka Thic  | engine has<br>d is approve  | been inspected<br>ed for return to   | ection systems 73-30-04. Performed discountry with an Annual Inspection and ha  | as been determined to be in an airworthy — performed.  |
|           | checks. This condition and   | engine has<br>d is approve  | been inspected<br>ed for return to   | ection systems 73-30-04. Performed discountry with an Annual Inspection and ha  | as been determined to be in an airworthy — performed.  |
| 244/ 5 10 | checks. This condition and   | engine has<br>d is approve  | been inspected<br>ed for return to   | ection systems 73-30-04. Performed discountry with an Annual Inspection and ha  | as been determined to be in an airworthy — performed.  |
|           | checks. This condition and   | engine has<br>d is approve  | been inspected<br>ed for return to   | ection systems 73-30-04. Performed discountry with an Annual Inspection and ha  | as been determined to be in an airworthy performed.  |
|           | checks. This condition and   | engine has<br>d is approve  | been inspected<br>ed for return to   | ection systems 73-30-04. Performed discountry with an Annual Inspection and ha  | as been determined to be in an airworthy — performed.  |