# 10294

THE **adlog**™ AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

# AIRFRAME MAINTENANCE RECORDS

THE adlog T.M. AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

# AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N4186T

Aircraft Mfg. CESSNA Model 320D Serial No. 320D-0086

Engine Mfg. CONTINENTAL Model TSIO 520B-11 Serial No. 500000 Superceded L

Engine Mfg. CONTINENTAL Model TSIO 520B-12 Serial No. 500629 R

These engines were removed 2/2/99 See page 13 Replaced with TCM remanufactured engines 6/1/00
New engine logs started 6/1/00 Left engine 287619-R TSIO520BB17B Right engine 287618-R TSIO520BB18B

Propeller Mfg. McCAULEY Model 3AF32C87-N2 Serial No. 764952 R

Hub Design No. Hub Serial No. 764952

Blade Design No. 82NC4 Blade Serial No's.

Propeller Mfg. McCAULEY Model 3AF32C87-N2 Serial No. L

Hub Design No. Hub Serial No. 764954

Blade Design No. 82NC4 Blade Serial No's.

(All applicable information must be filled in) Type Certificate 3A25 4/9/65

AERO TECH PUBLICATIONS INC. 1·800·235·6444
P.O. BOX 6005/FREEHOLD, N.J. 07728
(908) 462-5330

© 1979 AeroTech Publications Inc.

Page No. 1

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | | | **TOTAL** brought forward from previous page |
| PACIFIC FLIGHT SERVICES | | | |
| Date 10 March 92 | W/O | 11288/11271 | 1. Replaced Vacuum Inst Filters. |
| I certify that this | ACFT | has been | 2. Replaced Bulb Rotating Beacon |
| Inspected in accordance with a | ANNUAL | | |
| Inspection and was determined to be in airworthy condition. | | | 3 Removed All Avionic from ACFT |
| Total Time | 3289.5 Hobbs | Tach 208.5 | Inc wiring harness, Barkatts Elt |
| Mechanic | | No. 2224679 IA | For update Avionics to be installed, see |
| 5 Replaced All wheel | | Bearings | 337 This Date. |
| 6 All control services & | | Grease | 4. Removed All Vacuum plumbing, wires, Brackets |
| Lub. | | | from ACFT to facilate future update |
| 7 Hanlon Hobbs | | 46.0 hrs | Auto Pilot See 337 This Date |
| | | PACIFIC FLIGHT SERVICES | |
| | | | |
| 4-14-92 | 3289.0 | Hobbs 210.0 | Installed King KMA24, KN64, KT76A, KX165 |
| | | | KR87, KI 227 & TCI b/md encoder. All work |
| | | | per AC 43.13-1a, AC 43.13-2a & mfr installation instructions. |
| | | | Static system check ok, Encoder correlation satisfactory, |
| | | | Transponder checked & is IAW FAR 43 appendix F (Per FAR 91.413) |
| | | | See 337 dated 4/14/92 for details. Hanlon 2307800 |
| | | | for Sterling Avionics WQ3R954L |
| | | | |
| 4/15/92 | 3289.6 | Hobbs 210.6 | Removed McCauley Braked wheel Sys & Installed |
| | | | Cleveland Conversion Kit P/N 199-64 1/a/w installation |
| | | | drawings Dated March 17, 1981, consisting of main |
| | | | wheel P/N 40-40B & Brake cyl 30-28. See Form |
| | | | 337 this Date |
| | | | 2224679 IA |
| | | | PACIFIC FLIGHT SERVICES |
| | | | **SUB-TOTAL** this page |
| | 3289.6 | | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | | | **TOTAL** brought forward from previous page |
| 4/15/92 | 3289.6 | Hobbs 210.6 | Removed Both Main Gear Struts, Repacked & Reinstalled, Serviced with Fluid & Nitrogen |
| | | | 2334679 A&P |
| | | | PACIFIC FLIGHT SERVICES |
| 9/4/92 | 3309.6 | 230.6 | c/w Cessna SB ME 81-17 New Improved Flex Lines AD 79-14-08-R1 Does no longer Apply |
| | | | 2334679 A&P |
| | | | PACIFIC FLIGHT SERVICES |
| 10/22/92 | 3320.7 | 241.7 | INSTALLED NEW AUX FUEL PUMP PART # 1C6-10 IN RIGHT MAIN TANK AND SET LOW FUEL PRESSURE PER CESSNA 320D SERVICE MANUAL PGS 11-20 & 11-21 |
| | | | 2070497 |
| 12/31/92 | 3322.0 | 243.0 | COMPLIED WITH MEB88-3 BY INSTALLING SK310-104B1 (AUXILIARY FUEL PUMP WIRING MODIFICATION) |
| | | | 2070497 |
| | | | PACIFIC FLIGHT SERVICES<br>Date 24MAR93 W/O 13705<br>I certify that this ACFT has been Inspected in accordance with a ANNUAL Inspection and was determined to be in airworthy condition.<br>Total Time 3335.5 Hobbs Tach 256.5<br>Mechanic No. 2334679 IA<br>1. Replaced Both Vacuum Inst Filters<br>2. Replaced Bulb Rotating Beacon.<br>3. Repaired Broken Wiring on Tail Nav Lite<br>4. Alt Bldt Due Date JAN 96<br>5. Lub All Pont Services<br>6. HT Hobbs 49.0<br>7. Sign AD Listing in Rear of Book |
| | | | PACIFIC FLIGHT SERVICES |
| | | | **SUB-TOTAL** this page |
| | 3335.5 | | **TOTAL**—Carry forward to next page |

Page No. 3

| DATE 93 | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 3335.5 | | **TOTAL** brought forward from previous page |
| | April 19. | | 1993 Hobbs Reading: 264.3 |
| 4-19 | 3343.3 | 264.3 | Checked Landing Gear Rigging IAW |
| | | | Cessna Service Manual Instructions. |
| | | | Found Gear to be within limits as follows. |
| | | | Nose 100 UP 30 DN |
| | | | RT Door Lock 60 DN LT Door Lock 60 DN |
| | | | RT Dool 20 UP 19 DN |
| | | | LT Dool 22 UP 20 DN |
| | | | IA 557666891 |
| 09/01/93 | TOTAL: 3368.2 | | HOBBS: 289.2 |
| | | | C/O 50 hr INSP. CLEANED CARBURETOR FILTERS |
| | | | & ART. LUBED FLIGHT CONTROLS, SERVICED |
| | | | TIRES, SERVICED BATTERY, GREASED LANDING GEAR |
| | | | TACH TIME Hobbs 289.2 TOTAL TIME 3368.2 |
| | | | I certify that this aircraft/engine has |
| | | | been inspected in accordance with a |
| | | | 50hr. inspection and determined |
| | | | to be in airworthy condition. |
| | | | DATE 09/01/93 CARL E. KOPREK |
| | | | A+P #552043343 |
| 11/15/93 | TOTAL: 3408.5 | | TACH: 330.0 |
| | | | C/O 100 hr/ANNUAL INSP. REPACKED WHEEL BEARINGS |
| | | | REPLACED RH BRAKE LININGS. C/O LANDING GEAR RETRACTION |
| | | | TEST. REPLACED VACUUM REGULATOR FILTERS. REPAIRED |
| | | | RH UPPER TORQUE LINK BUSHING (NLG). SERVICED ALL |
| | | | HYDRAULIC & $N_2$ SYSTEMS ON LANDING GEAR. SERVICED |
| | | | BRAKE RESERVOIRS. |
| | 73 | | **SUB-TOTAL** this page |
| | 3408.5 | | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 3408.5 | | **TOTAL** brought forward from previous page |
| | | | 330 hrs 3408.5 hrs |
| | | | TACH TIME 330.0 TOTAL TIME 3408.5 I certify that this aircraft/engine has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition. DATE 11/15/93 [signature] MS663043343 |
| | | | TACH TIME 330.0 TOTAL TIME 3408.5 I certify that this aircraft/engine has been inspected in accordance with a ANNUAL inspection and determined to be in airworthy condition. DATE 15 NOV 93 [signature] A&P IA 326264546 |
| | | | 11-27-93 HOBBS 349.9 Replaced rt main tire. Vern R Miller A&P 1938774 |
| 12/20/93 | TACH 355.0 | | Installed one 650.10. 8PLY |
| | T.T. 3438.5 | | Tyre on LeFT maine wHeel. lubed |
| | | | Bearings Per s/m ReInstalled. |
| | | | used one MS24665-360 cotter Pin. |
| | | | [signature] 548577023 |
| | 25 | | **SUB-TOTAL** this page |
| | 3433.5 | | **TOTAL**—Carry forward to next page |

PROGRESSIVE AVIATION LTD

PROGRESSIVE AVIATION LTD.

Page No. 5

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 3433.5 | | **TOTAL** brought forward from previous page |
| 01/01/94 | | TACH: | HOBBS: 377.9 TTAF 3456.4 |
| | | | RESEALED LT MAIN LANDING GEAR SHOCK STRUT. |
| | | | SERVICED RT. MAIN LANDING GEAR SHOCK STRUT |
| | | | W/ 5606 & $N_2$. A/C RETURNED TO SERVICE. |
| | | | [signature] |
| | | | A&P 552043343 |
| 01/05/94 | | HOBBS: | 385.1 TTAF: 3458.6 |
| | | | C/W 50hr INSP. REPLACED LOSE RIVITS |
| | | | LOWER WING CENTER SECTION. REBUSHED LT & |
| | | | RT MLG. TORQUE LINKS. CHECKED NOSE WHEEL |
| | | | STEERING ALIGNMENT TO RUDDER & RUDDER TRIM. |
| | | | A/C RETURNED TO SERVICE. |
| | | | [signature] |
| | | | A&P 552043343 |
| | TT | | |
| 1-21-94 | 3465.9 | Hobbs 387.4 | MFG NEW Oxygen Feed Tube FROM Bottle To Bulkhead |
| | | | & INSTALLED AN 837-5D Bulkhead fitting. Tube made |
| | | | FROM .312 x .036 WALL Alum 5052-0 Tube. Ref. |
| | | | PROGRESSIVE AVIATION LTD WO 12206 [signature] 2054213 |
| | TOTAL | | |
| 2-15-94 | 3494.8 | Hobbs 416.3 | INSTALLED #2 KX155 / KI 209 UNITS IN EXISTING |
| | | | MOUNT / HARNESS ASSEMBLY. INSTALLED AVIONICS MASTER. |
| | | | FOR DETAILS SEE FORM 337 FILED THIS DATE. REVISED |
| | | | WT / BAL FROM EXISTING RECORDS. |
| | | | [signature] CRS # XYVR0[illegible] |
| | 61.3 | | **SUB-TOTAL** this page |
| | 3494.8 | | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 3494.8 | TOTAL brought forward from previous page | |
| 3/12/94 | 3510.4 | TTAF: ~~3505.5~~ 3510.4 HOBBS: 431.9 | |
| | | | I CERTIFY THAT THIS AIRCRAFT HAS BEEN |
| | | | INSPECTED IN ACCORDANCE WITH A 100 HR |
| | | | INSPECTION AND DETERMINED IT TO BE IN AN |
| | | | AIRWORTHY CONDITION |
| | | | Colin W Botto AP559795114 |
| | | | - ROUTED WIRES FOR EGT GAUGE FROM ENGINES |
| | | | TO EXISTING EGT. GAUGE. |
| 4/28/94 | 3549.4 HOBBS | 470.9 | I certify that the altimeter, static system, and altitude reporting tests required by FAR 91-411 and Par; 43, Appendix E and F have been performed. |
| | | | The altimeter has been tested to 25000 ft. |
| | | | Signature [illegible] Date 4/28/94 |
| | | | Certificate # XYVR0201 |
| | | | The transponder identified below was tested according to F.A.R. 91-413 and is approved for return to service: |
| | | | MFR KING Model KT76A S.N. 87492 |
| | | | Date 4/28/94 Power Output 220 |
| | | | Tech. [illegible] Cert. No. XYVR0201 |
| 5-5-94 | 3559.1 | 480.6 | TROUBLE SHOOT FUEL FLOW INDICATION PROBLEM. FOUND |
| | | | LEFT REFERENCE LINE DISCONNECTED @ LEFT SIDE OF PANEL. |
| | | | RECONNECTED LINE & FUNCTION RETURNED TO NORMAL. |
| | | | [illegible] A&P 1795278 |
| | | | SUB-TOTAL this page |
| | | | TOTAL—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 3559.1 | | **TOTAL** brought forward from previous page |
| 6/20/94 | 3610.4 | 531.9 | INST (NEW) NAC REG FILTERS. SWING GEAR + LUBE. REPLACE CORRODED RIVITS + SHEET METAL IN EXHAUST TRAIL OF RIGHT ENGINE NACELL |
| | | | HOBBS TIME 531.9 TOTAL TIME AF: 3610.4 |
| | | | certi... engine has |
| | | | seen in... with a 100hr ... and determined |
| | | | to be in airworthy condition |
| | | | DATE 06/20/94 |
| | | | AP5620 3343 |
| 7/25/94 | 575.2 | | REPLACED RT MAIN BOOST PUMP & LT |
| | 3653.7 | | MAIN TRANSFER PUMP W/ NEW UNITS FROM |
| | | | CESSNA. FILLED TANKS & CHECKED FOR LEAKS. |
| | | | SYSTEM CHECKS OK |
| | | | AAP5466702 6F |
| 10/08/94 | HOBBS 631.8 | | |
| | 3710.3 | | |
| | | | P/W 100hr INSPECTION. P/W LANDING GEAR |
| | | | RETRACTION TEST. REPACKED WHEEL BEARINGS. |
| | | | REPLACED LT & RT BRAKE LININGS. |
| | | | I CERTIFY THAT THIS A/C WAS INSPECTED |
| | | | 1/A/W 100hr INSPECTION AND WAS |
| | | | DETERMINED TO BE IN AIRWORTHY |
| | | | CONDITION |
| | | | AP5504 3343 |
| | 99.9 | | **SUB-TOTAL** this page |
| | 3710.3 | | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 3710.3 | | **TOTAL** brought forward from previous page |
| 12/01/94 | 3750.3 | HOBBS. 671.8 | |
| | | | C/W 100 hr. INSPECTION C/W LANDING GEAR RETRACTION TEST. REPLACED RIVETS ON BELLY NEAR LANDING GEAR MOTOR. REPAIRED FUEL SELECTOR VALVE. GEAR V. GOOD. LUBED ALL CONTROL SURFACE ATTACH POINTS. SERVICED R MAIN STRUT W/ N2. |
| | | | Carl Nelson A&P 552043813 |
| | 3750.3 | 671.8 | |
| Dec 1/94 | Hobbs. 671.8 hrs. | | All pulleys, cables, pivoted & movable surfaces, wheel, tires, brakes, gear, windscreen, lights, fuel system, flight controls, installed equipment inspected. Gear retraction satisfactory IAW Cessna Service manual. AD 71-09-01 Nacelle electric failure has not SK 320-53. AD 72-14-08 Flex hose assy by inspection. AD 75-23-08 R5 Eng. exhaust system C/W IAW para 1, 2, 3, 4. AD 70-03-04 R1 Turbocharger housing C/W by inspection. ELT expires Jan. /96. AD 82-07-03 Pneumatic heater decay test C/W. I certify that this aircraft has been inspected in ~~accordan~~ accordance with an annual inspection and was considered to be in airworthy condition. A R Burnett IA 1347772 |
| | | | **SUB-TOTAL** this page |
| | | | **TOTAL**—Carry forward to next page |

Page No. 9

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 3750.3 | | **TOTAL** brought forward from previous page |
| 12-21-94 | 3766.0 | 687.5 | REPLACED RIGHT AUX PUMP (1C6-10) DUE TO MALFUNCTION. |
| | | | RESEATED RIGHT MAIN STRUT & SERVICED, REPLACED |
| | | | BOTH MAIN TIRES. w/ BFG AVIATORS. |
| | | | A&P 1795278 |
| 3.3.95 | 3778 | 700 | C/W 50 Hour Inspection IAW Cessna Inspection |
| | | | Chart - Replaced Turbo Ex Pipe Clamp P/N U86C475 55. Left. |
| | | | Date 3.3.95, Tach, 700 W.O. 12386, I Certify A 50 Hour Inspection |
| | | | Completed, All Items Airworthy: Richard B Wills A/P 1859256 |
| | | | Progressive Aviation Ltd., San Jose, Ca. FAA C.R.S. #AD4R046M |
| 02-06-95 | | | REPAIRED INNER CABLE ON LEFT THROTTLE CABLE & |
| | | | RE-RIGGED CONTROL, INSTALLED NEW RODEND @ THROTTLE |
| | | | BODY. RESECURED SNAP RING IN FLAP INDICATOR |
| | | | FACE. ADJUSTED RT & LEFT IDLE MIXTURES. |
| | | | A&P 1795278 |
| 6-19-95 | | | REWORKED RIGHT THROTTLE BODY / FUEL CONTROL UNIT |
| | | | INTERCONNECT ROD & BUSHINGS. LUBRICATED & REINSTALLED |
| | | | FUNCTIONAL CHECK OF THROTTLE CABLE. OK. |
| | | | A&P 1795278 |
| | | | NOTE: Time calculation based on next leg |
| | 83.9 | | **SUB-TOTAL** this page |
| | 3834.2 | | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 3834.2 | | **TOTAL** brought forward from previous page |
| | | | MAINTENANCE<br>A.F.C. MAINTENANCE, LIVERMORE<br>DATE 21 Aug 95 W.O. 1865<br>I CERTIFY THAT THIS Airframe HAS BEEN INSPECTED IN ACCORDANCE WITH Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.<br>T.T. 3834.2 TACH. 755.2<br>CERTIFICATE 552063159 IA<br>C/W annual inspection per FAR 43 Appendix D guide: C/W ELT inspection per FAR 91.207 (d). Repaired broken wires at left tach generator cannonplug. Repaired left eng alternate air door arm. Replaced orings on all fuel caps. Replaced central vacuum filter & both vacuum relief valve filters. Replaced left & right aileron push rod end & aft rod ends. Adjusted aileron & rudder cable tensions in accordance with Cessna maintenance manual. Repaired damage nacelle skin on Rt nacelle by installing patch made from .032" 2024T3 sheetmetal per AC43.13-1A. Adjusted Rt main gear uplock hooks to properly engage gear per Cessna maintenance manual. Oxygen system control disconnected & system marked inop. Oxygen bottle past due for hydro static test. C/W Cessna AD 75-23-08 by insp of exhaust system. C/W Janitrol AD 82-07-03 by inspection & pressure decay test. |
| Heater Hobbs 206. | | | END |
| 12-7-95 | 3889.6 | Hobbs 810.6 | C/W 50 HR INSP. IAW CESSNA INSP GUIDE FOUND AIRCRAFT TO BE IN AIRWORTHY CONDITION —END— [signature] A&P 547419576 |
| | | | **SUB-TOTAL** this page |
| | 3889.6 | | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 3889.6 | | **TOTAL** brought forward from previous page |
| 4/13/96 | 3939.5 | 860.5 | Greased landing gear pivots, lubed control rod ends; gear door and cowl flap linkages. Lubed door locks and latches. Cleaned upper surfaces of flaps and rear spar areas. Lubed seat latch and roller mechanisms. |
| | | | Robert C Schalk Owner Pilot 352525935 |
| 9/25/96 | 3981.8 | 902.8 | Removed all access panels, seats, tail cone, tank tips & tails in preparation for annual. Greased landing gear pivots, repacked all wheel bearings. Checked strut pressures, shimmy damper, battery cables & shields. Lubed control surface hinges & linkages, cable pulleys and chains. Cleaned flaps and lower wings. Replaced vacuum filter. Replaced various rivnuts and fasteners. Replaced ELT batteries. Had Pitot System & Tpndr system certified |
| | | | Robert C Schalk Owner Pilot 352525935 |
| 9/27/96 | 3981.8 | 902.8 | I Certify That This Aircraft has been inspected in Accordance with an Annual inspection and found To be in airworthy condition |
| | | | 2028079 IA |
| 10/1/96 | 3981.8 | 902.8 | Removed $O_2$ bottle and had hydrostatic test performed by Mesa Safety & Fire. Test ok & bottle recertified, reinstalled. |
| | | | Robert C Schalk Owner Pilot 352525935. |
| | | | Inspected installation 2028079 IA |
| | 92.2 | | **SUB-TOTAL** this page |
| | 3981.8 | | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 3981.8 | | **TOTAL** brought forward from previous page |
| 2-8-98 | 4073.3 | 994.3 | Complied with AD 96-20-7, Removed and Replaced main landing gear Tires. Jacked aircraft and Retracted landing gear. Tightened Rivits in outboard lower wing segments aft spar flange. Tach removed and overhauled. New battery Cables installed. |
| | | | I Certify That This Aircraft has been inspected in accordance with an Annual inspection and found To be in Airworthy condition. |
| | | | ELT - 10/3/96, Pitot/static C/W 10/03/96 |
| | | | Robert C Craft |
| | | | 3028079, IA. |

**WESTERN AIRCRAFT INC.**
PHONE 208-338-1800

4444 W. AERONCA ST., BOISE, IDAHO 83705, U.S.A.

## ACFT LOGBOOK INSERT

AIRCRAFT MAKE CESSNA MODEL 320D HOBBS: 1021.4
N NUMBER N4186T S/N 320D-0086 TTIS:

**Fabricated a new Oxygen supply line**, to replace the corroded line between the oxygen bottle and forward bulkhead, out of 5052 5/16 tubing, line pressure tested okay - serviced system to 1800 PSI - reconnected nose gear doors - leak check good. **- - END - -**

**MAINTENANCE RELEASE:** The Aircraft and/or it's component(s), as identified above, was repaired and/or inspected in accordance with current Federal Air Regulations and is found to be airworthy and returned to service this date 2 Mar 98. Pertinent details are on file at this agency under Shop Order No. G9048 Dated 2-26-98.

Signature of authorized person

F.A.A. CERTIFIED REPAIR STATION NO. FE6R532N

| | | | |
|---|---|---|---|
| 6-10-98 | 4120 | 1050 | Replaced all brake pads with RA66-33 pads (cosmetic) Inspected mounting studs - all ok. Cleaned and repacked main wheel bearings. Reassembled. All ok, tested ok Robert C Schoch Owner/Pilot 352525975 |
| 6-21-98 | 4128 | 1058 | Greased landing gear pivots and retract linkages. Lubed steering mechanism: Inspected above, all ok Robert C Schoch owner/pilot 352525975 |
| | 138.2 | | **SUB-TOTAL** this page |
| | 4120 | | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4120.0 | | **TOTAL** brought forward from previous page |
| 2/2/99 | 4177.8 | 1107.8 | Removed left + right engines serial # 500,000 # 500,029 and returned to Continental for exchange engines. D. Lefft 4505769431 A+P |
| 6/1/00 | 4177.8 | 1107.8 | Inspected nacelle, bedrails and canted bulk head for corrosion and heat damage, non found, at this time. Left + Right sides OK. D. Lefft 4505769431A |
| 6/1/00 | 4177.8 | 1107.8 | Etched, alodined, zinc chromated & applied preservative coating to both left & right nacelle structures. Robert Schoch owner/pilot 352 525 9956 |
| 6/1/00 | 4177.8 | 1107.8 | Installed replacement TCM engines and exhaust systems. Installed Knisley tail pipes. Installed Gem 610 monitors Replaced MUT exhaust clamps. Inspected ELT IAW Par 91.207d and found to be OK. Lubed and greased Gear. Gear retract done + energizing [illegible] check + lubed controls |
| | 57.8 | | **SUB-TOTAL** this page |
| | 4177.8 | | **TOTAL**—Carry forward to next page |

—continued

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4177.8 | | **TOTAL** brought forward from previous page |
| | | | Replaced battery and checked operation. I certify that this airframe has been inspected I.A.W. an annual inspection and found to be airworthy, at this time |
| | | | 4505169431A |
| ~~8-5-01~~ 8/5/1 | 4266.2 | 1196.2 | Annual Inspection completed this date. Checked cables and lubricated pulleys. Lubricated and retracted landing gear. Emergency extension done and locked properly. Inspected ELT I.A.W Par 91.207d and found to be satisfactory. Checked brakes and fluid. Changed all the vacuum filters. Checked and lubed controls. I certify that this airframe has been inspected I.A.W an Annual Inspection and found to be airworthy at this time. |
| | | | David Sgt IA 4505169431 |
| | 88.4 | | **SUB-TOTAL** this page |
| | 4266.2 | | **TOTAL**—Carry forward to next page |

Page No. 15

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4266.7 | | **TOTAL** brought forward from previous page |
| 5-4-02 | | 1205.6 | Annual Inspection completed |
| | 4275.6 | | this date. Lubed and checked |
| | | | cables. Retracted landing gear |
| | | | and performed emergency extension |
| | | | of gear. Inspected ELT I.A.W. |
| | | | FAR 91 par (d) and found to be |
| | | | airworthy. Changed vacuum |
| | | | filters. Checked and lubed |
| | | | controls. Checked brakes and |
| | | | fluid level. Complied with |
| | | | MEB 99-11A by installing |
| | | | stainless steel fuel crossfeed |
| | | | lines. Leak checked system and |
| | | | tested operation. found to be |
| | | | airworthy. I certify that this |
| | | | airframe has been inspected |
| | | | I.A.W. An Annual Inspection |
| | | | and found to be airworthy, |
| | | | at this time |
| | | | |
| | | | |
| | | | David Lyft IA 45076943 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | |
|---|---|
| 9.4 | **SUB-TOTAL** this page |
| 4275.6 | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4275.6 | | **TOTAL** brought forward from previous page |
| 6-1-03 | 4305.0 | 1234.0 | Annual Inspection completed this date. Retracted land gear and checked emergency extension. Inspected ELT IAW FAR 91.207d. and found to be satisfactory. Checked and lubed controls. Changed vacuum filters. I certify that this airframe has been inspected I.A.W. an Annual Inspection and found to be airworthy at this time |
| | | | David [illegible] IA 4005643 |
| | 29.4 | | **SUB-TOTAL** this page |
| | 4305.0 | | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4305.0 | TOTAL brought forward from previous page | |
| 7/1/04 | 4306.0 | 1235.0 | Heater time 371.4 Heater Hobbs 371.4 |
| | Engines | | Props. Governors Exhaust System - all parts. |
| Left | TSO 127.0 TT 127.0 | | TSO 29.4 TT 1528.5 TSO 127.0 time in service 127.0 |
| Right | TSO 127.0 TT 127.0 | | TSO 29.4 TT 1528.5 TSO 127.0 time in service 127.0 |
| | | | |
| | | 6/25/04 | ELT tested iaw 91.207d(1-4) and batteries replaced. Due at 7/1/5 |
| | | 6/25/04 | Altimeter / static system checked @ Radio Ranch R.S.# UQ2R223S |
| | | 6/25/04 | Transponder and encoder checked @ Radio Ranch R.S. # UQ2R223S |
| | | | |
| | | | Performed Annual Inspection per Cessna 100 hr. Servicing and Inspection |
| | | | checklist and FARs Part 43 appendix D and 91 subpart E. In addition |
| | | | the following was completed, following the manufacturers service instructions. |
| | | | Brakes serviced by replacing all seals in both master cylinders and calipers. |
| | | | Installed new discs, pads, guide pins, hoses and lines and reinstalled |
| | | | system. Filled and bled brakes, function test checked good. |
| | | | Landing gear serviced by removing retraction linkage, doors and |
| | | | struts for disassembly, cleaning and inspection. All parts were checked |
| | | | for condition and all bearings / bushings replaced and or repaired. |
| | | | Welded tubular structures were resealed internally to prevent corrosion. |
| | | | All parts were then etched and refinished as appropriate to material. |
| | | | Struts were reassembled using new seals, wipers and valves, and reinstalled. |
| | | | Reinstalled retraction linkages and gear doors and rigged the |
| | | | landing gear system i.a.w. manufacturers procedures. |
| | | | Emergency gear extension system inspected and function test checked good. |
| | | | Replaced gear down lock switches and wiring. |
| | | | Replaced all battery power cables and alternator wiring. |
| | | | Removed battery box, replaced drain line and painted wing bay |
| | 1.0 | SUB-TOTAL this page | |
| | 4306.0 | TOTAL—Carry forward to next page | |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4306.0 | **TOTAL** brought forward from previous page | |
| | | | with acid proof paint and then corrosion proofing applied to structure. |
| | | | Reinstalled battery box and batteries and checked electrolyte level. |
| | | | Function tested system, checked good. |
| | | | Replaced pitot line from probe to panel with stainless material. |
| | | | Replaced instrument vacuum hoses within cabin. |
| | | | Replaced heater and fresh air ducting throughout airframe. |
| | | | Installed new heater fuel lines from wing tee fitting to heater. |
| | | | Replaced combustion blower ducting and heater exhaust lines. |
| | | | Cleaned and inspected heater solenoid valve, fuel pump, strainer |
| | | | and spark plug. Inspected blower fan motor brushes, Function |
| | | | tested heater system, checked good. |
| | | | Replaced aft baggage floor panels with 2024 T3 0.040 panels. |
| | | | Installed floor supports to attach anchor ~~plates for~~ large seat track |
| | | | Installed per manufacturers instructions the following. |
| | | | STC SE09289SC Semi Injectors |
| | | | STC SA01860NY Insight 610 Monitors. |
| | | | PS Engineering PS 3000 Intercom System. installed per |
| | | | P.S. Engineering document P/N 200-193-00002 revision 2 dated 2/2/1999 |
| | | | Performed the following AD, after an applicability check |
| | | | 96-20-07 effective 11/14/96 Terminal Heater |
| | | | 2000-01-16 effective 03/15/00 Exhaust System, sections B,C,E |
| | | | 2001-17-13 effective 09/11/01 Tamero Fuel Regulator. |
| | | | Compiled new/current equipment list; dated 07/6/04 |
| | | | Aircraft weighed; new EW: 3434 lbs. new moment 119.5 6 seat configuration. |
| | | | I certify that this aircraft has been inspected in accordance with an Annual |
| | | | Inspection and found to be in Airworthy condition. |
| | | | Researched AD Notes through AD log through this date, none |
| | | | new apply. |
| | 0.0 | **SUB-TOTAL** this page | |
| | 4306.0 | **TOTAL**—Carry forward to next page | |

A&P
IEA 1490429

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4306.0 | | **TOTAL** brought forward from previous page |
| 8/26/04 | 4308.0 | 1237.0 | Verified left and right elevator control surface static balance |
| | | | in accordance with Cessna Service Manual p. 16-2 Found to |
| | | | be within tolerances |
| | | | 1490429 AED |
| 8/28/04 | 4308.0 | 1237.0 | Reweighed Aircraft this date — Intercomp system |
| | | | calibration date 8/26/04, records on file. |
| | | | Next due 8/07 |
| | | | AED 1490429 EAD |
| 01/06/05 | 4373.7 | 1302.1 | Installed engine heaters and |
| | | | wiring, refill hot hand cylinder |
| | | | heat system. Tested and |
| | | | system check found to be good. |
| Note * | System is FAA/PMA #PQ2585CE, installed iac Reff instructions, and is a minor alteration, no 337 required | | |
| | | | David Jeff A P 4503 78 93 |
| 03/01/05 | 4380.1 | 1309.1 | Performed Annual Inspection per Cessna 100 hr Service & Inspection checklist |
| | | | and FAR Part 43 appendix D and 91 support E. Serviced Airframe per CSM |
| | | | and completed the following: Checked landing gear retraction and |
| | | | emergency extension system. Checked control cables and rigging |
| | | | and lubed system Verified rudder balance after repainting. Replaced |
| | | | E/T batteries - D cell style. Researched ADs through hot log system |
| | | | and performed the following. |
| | | | 2000-01-16 eSS 08/15/00 Exhaust System Check, sections B, C, E |
| | | | 2001-17-13 eSS 09/11/01 Tanquero Fuel Regulator superseded |
| | | | 2004-21-5 eSS 11/19/04 ~~Fuel log~~ Propane Heater - |
| | | | Heater tested previously on 07-24-03 @ 371.4 hrs. Currently heater |
| | 74.1 | | **SUB-TOTAL** this page |
| | 4380.1 | | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4380.1 | **TOTAL** brought forward from previous page | |
| 3/01/05 | 4380.1 | 1309.1 | Hobbs shows 402.9 on this date. Next test due 07/24/05@ 471.4. |
| | | | 2004-25-16 CSS 01/05/05 Nelly Aerospace Heater. C 1,2 |
| | | | Heater time 402.9 Heater Hobbs 402.9 |
| | | | Engines Props Governors Exhaust System |
| Left | | | TSO/TT 201.1 TSO 103.5/TT 1602.6 TSO 201.1 time in service 201.1 |
| Right | | | TSO/TT 201.1 TSO 103.5/TT 1602.6 TSO 201.1 - time in service 201.1 |
| 3/01/05 | 4380.1 | 1309.1 | David Huff IA 4505165 43 |
| | | | |
| | | | |
| | | | |
| 5-16-05 | 4426.1 | 1355.1 | Replaced main gear Tires, repacked wheel bearings, checked brakes and found to be satisfactory |
| | | | |
| | | | |
| | | | David Huff IA 4505165 43 |
| 7/01/05 | 4431.9 | 1360.9 | Inspected heater and fuel regulator |
| | | | Heater iaw AD 2004-25-16 r1 CSS 4/20/05 Fuel regulator shutoff |
| | | | Heater iaw AD 2004-21-5 CSS 11/19/04 Pressure decay, combustion pressure switch. |
| | | | Heater Hobbs shows 462.3 on this date. |
| | | | Combustion air pressure switch found ok. Pressure decay test |
| | | | within limits, fuel shutoff showed no evidence of leaking |
| | | | and worked properly. |
| | | | Next test due 7/1/07 or at heater hobbs of 562.3 |
| | | | David Huff IA 4505165 43 |
| | 51.8 | **SUB-TOTAL** this page | |
| | 4431.9 | **TOTAL**—Carry forward to next page | |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4431.9 | | **TOTAL** brought forward from previous page |
| 7/01/05 | 4431.9 | 1360.9 | Replaced ELT batteries this date. Next due at 7/01/06 |
| | | | done by Robert Schech, inspected by David Lyff A&P 2135576943 |
| | | | |
| 4/01/06 | 4649.3 | 1578.3 | Annual Inspection this date. |
| | Engines | | Props / Governors / Exhaust System |
| Left | TSO 471.5 TT 471.5 | | TSO 372.7 TT 1975.3 / TSO 471.5 / TSN 471.5 |
| Right | TSO 471.5 TT 471.5 | | TSO 372.7 TT 1975.3 / TSO 471.5 / TSN 471.5 |
| | | | |
| | | | Heater time Hobbs 563.8 TSO - 563.8 |
| | | 7/1/05 | ELT tested iaw 91-207d (1-4) and batteries replaced. Due at 7/1/6 |
| | | 7/13/05 | Altimeter/Pitot static checked @ Avionics Plus FQ5R866M 91.411 |
| | | 7/13/05 | Transponder/Encoder checked @ Avionics Plus FQ5R866M 91.413 |
| | | | see avionics log for details of above. Both above next due 7/07 |
| | | | |
| | | | Performed Annual Inspection per Cessna 100 hr Servicing and Inspection Checklist and iaw FAR Part 43 app D, Part 91 appendix E, Serviced airframe per CSM and completed the following. Checked landing gear retraction and emergency extension system. Checked gear rigging. Lubed control cables, pulleys and bearings, checked control rigging and travel. Tested heater iaw AD-2004-21-5 eff 11/19/04, Pressure decay test and found heater to be defective. Removed heater for replacement. Removed fuel shutoff regulator for replacement as terminating action for AD 2004-25-16 r1 eff 6/20/05 Replaced both units and heater thermostat control with C&D Associates Products as follows. Hobbs 563.4 |
| | | | Heater - CD35K p# CD12061-1 s# 1145 |
| | | | Regulator/shutoff p# CD2080-0 s# 0423 See 8/15/07 Replaced FAS |
| | | | Thermostat/sensor p# CD21253 s# 00777 |

C&D ASSOCIATES, INC. COMBUSTION HEATER HAS BEEN INSTALLED IN THIS AIRCRAFT. PLEASE FOLLOW THE AIRCRAFT OPERATING MANUAL FOR COMBUSTION HEATER OPERATING SEQUENCE AND/OR C&D ASSOCIATES, INC. "INSTRUCTIONS FOR CONTINUED AIRWORTHINESS" SECOND EDITION, DATED 4-4-02 REVISION NONE OR LATER FAA APPROVED REVISION.

21503 FAA/PMA FOR ELIGIBILITY SEE WWW.AIRCRAFTHEATER.COM

| | |
|---|---|
| 217.4 | **SUB-TOTAL** this page |
| 4649.3 | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4649.3 | | **TOTAL** brought forward from previous page |
| | | | Researched A-D through Allog System and accomplished the 2000-01-16 CSS 02/15/00 Exhaust System check section B, C, E. Removed slip joint couplers for cleaning and inspection, lubed with high temp anti-seize and reinstalled. Replaced several coupler springs that lost/failed compression-extension test. Retorqued all connection hardware. |
| | | | I certify that this airframe has been inspected i.a.w. an Annual Inspection and found to be airworthy at this time. |
| | | | David Lyff IA 4505716943 |
| 07/01/06 | 4650.3 | 1579.3 | Replaced E/L batteries this date. Next due @ 07/01/07 |
| | | | David Lyff IA 4505716943 |
| 12/16/06 | 4699.2 | 1628.2 | Replaced exhaust system multi segment clamps at exhaust pipe-elbow junctions. P# AVT 69183-225 Per AD 2000-1-16 paragraph F Next due at 2128.2 hrs or 5199.2 total airframe time |
| | | | 5199.2 |
| | | | David Lyff IA 4505716943 |
| 2/15/07 | 4710.8 | 1639.8 | Removed defective Nearest fuel regulator, C&D Assembly p# 2080-0 s# 0423 and replaced with new part C&D Assembly p# 20801 s# 0470. Cleaned fuel strainer and replaced. Tested system and checked for leaks, none found. David Lyff IA 4505716943 |
| | 49.9 | | **SUB-TOTAL** this page |
| | 4699.2 | | **TOTAL**—Carry forward to next page |

Page No. 23

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4699.2 | TOTAL brought forward from previous page | |
| 5/01/07 | 4715.1 | 1644.1 | Annual Inspection This Date |
| | Engines | | Props / Governors / Exhaust System |
| Left | TSO 537.3 | TT 537.3 | TSO 438.5 TT 1937.6 / TSO 537.3 / TSN 537.3 (F) clamps 15.9 |
| Right | TSO 537.3 | TT 537.3 | TSO 438.5 TT 1937.6 / TSO 537.3 / TSN 537.3 clamps 15.9 |
| | | | Exhaust V band clamps per AD 2000-1-16 ess 2/15/00 replaced @ 1638.2 (Hobbs) Next due 2138.2 (Hobbs) |
| Hourmeter time; 4/1/06 | | Hobbs - 0598.4 | TSN 34.6 C&D Associates Fuel Regulator also installed, terminates |
| | | | AD 2004-21-5 ess 11/19/04 Hoses and AD 2004-25-16 ess 6/20/05 Regulator. |
| | | | |
| Sect Done | | 7/01/06 | Replaced ELT batteries and tested iaw 91.207d(1-4) Next due 6/01/08 |
| Sect Done | | 7/13/05 | Altimeter/Pitot Static checked @ Avionics Place FQ5R866M iaw 91.411 due 7/07 |
| Sect Done | | 7/13/05 | Transponder/Encoder checked @ Avionics Place FQ5R866M iaw 91.413 due 7/07 |
| Sect Done | | 8/25/04 | Aircraft weighed iaw 119.5 Sec part 135 compliance W&B next due 8/07 |
| | | | |
| | | | Performed Annual Inspection per Cessna 100hr Service & Inspection Checklist and FAR Part 43 Appendix D and 91 Subpart E Serviced Airframe iaw Cessna Service Manual and completed the following. |
| | | | Jacked aircraft and checked landing gear retraction mechanism and emergency extension system. Checked gear rigging. Inspected brakes and repacked wheel bearings. |
| | | | Lubed control cables, bearings and pulleys, checked cable tension, surface travel & rigging. Verified stop travel. |
| | | | Researched AD applicability through Ad-log system and accomplished AD 2000-01-16 ess 02/15/00 Exhaust System Section B, C & E. |
| | | | Cleaned battery box and inspected for corrosion, Reinstalled batteries. |
| | | | Lubed anti-collision beacons and remove lights. Replaced ELT batteries. |
| | | | It certify this airframe has been inspected iaw an Annual Inspection and found to be airworthy at this time |
| | 0.2 | SUB-TOTAL this page | David Lyff I A4505769 43 |
| | 4715.3 | TOTAL—Carry forward to next page | |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4715.3 | | **TOTAL** brought forward from previous page |
| 6/1/07 | 4715.3 | RCS ~~1645.3~~ (1645.3) | Removed propellors for overhaul due to 5yr time limits |
| | | | Left S# 764954 Right S# 764952 |
| | | | David Luff IA 4507643 |
| 10 Jun 07 | 4715.3 | RCS ~~1645.3~~ (1645.3) | Reinstalled propellors after overhaul. See Prop logs for details |
| | | | Left S# 764954 Right S# 764952 |
| | | | David Luff IA 4507643 |
| 21 Sep 07 | 4719.4 | 1649.4 | Removed both mains and nose tires and all tubes. Inspected wheel halves and brake rotors. Cleaned, inspected and repacked wheel bearings. Reassembled wheels with new tires-(3) and tubes-(3) Inspected brake packs, reinstalled wheels and verified correct operation. Stopped drilled crack on left elevator trailing edge, negligible per C.S.M. 7 16-12. Reinstalled fire extinguisher bracket. Reweighed Aircraft iaw. 119.5 for P135 Comm. detail 9/21/7 RCS |
| | | | Geo A&P 1490429 |
| | | | A/C N 4186T END |
| | | | Cessna 320D - SN - 320D-0086 |
| 5/8/8 | 4719.4 | 1649.4 | Fabricated bracket to mount Garmin 496 unit on panel, routed antenna wiring & attached antennas to coax. Connected power supply and to Avionics master switch. Electrical load less than 1 amp, within system capacity. Weight & balance change negligible. Work done by Robert C. Schock owner/pilot, supervised & inspected by David Sieff |
| | | | A/C N 4186T Cessna 320-D-SN 320D0086 Encl |
| | | | Geo A&P 1490429 |
| | 4.1 | | **SUB-TOTAL** this page |
| | 4719.4 | | **TOTAL**—Carry forward to next page |

Page No. 24

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4719.4 | | **TOTAL** brought forward from previous page |
| 6/1/8 | 4719.4 | 1658.9 | |
| | Engines | | Props. Next Due 1 July 12 Governors Exhaust System |
| Left TSO | 552.1 | TT 552.1 | TSO 14.8 TT 1952.4 TSO 552.1 TSN 552.1 (F) clamps 30.7 |
| Right TSO | 552.1 | TT 552.1 | TSO 14.8 TT 1952.4 TSO 552.1 TSN 552.1 clamps 30.7 |
| | | | V Band clamps per AD 2000-1-16 eff 2/15/0 F replaced @ 1628.2 Next Due @ 2128.2 hrs |
| Heater | 6/1/8 | 600.1 | TSN 36.2 C&D Associates CD35U Heater C.D. Associates 20801 Regulator |
| | | | Terminates AD 2004-21-5 eff 11/19/4 Heater & AD 2004-25-16 eff 4/2/5 Regulator. |
| | | | |
| Last | Done | 6/1/8 | Replaced E/T Batteries & tested iaw 91.207d(1-4) Next due 7/1/9 |
| Last | Done | | Altimeter/Pitot Static checked at IA #N3RO29F iaw 91.411 Next Due 1 Sept 09 |
| Last | Done | | Transponder/Encoder checked at IA #N3RO29F iaw 91.413 Next due 1 Sept 09 |
| Last | Done | | Aircraft weighed iaw 119.5 Ser part 135 compliance. 9/12/07 Next due 9/10 |
| | | | |
| 6/1/8 | 4719.4 | 1658.9 | Performed Annual Inspection iaw Cessna 100 hr. Service & |
| | | | Inspection Checklist, and FAR Part 43 Appendix D & 91 subpart E. |
| | | | Serviced Airframe iaw Cessna Service Manual and completed the following. |
| | | | Jacked aircraft & checked gear rigging, extension & retraction and |
| | | | emergency extension systems. Lubed system & greased gearbox & |
| | | | bellcrank pivots. Inspected wires & tubes. Lubed control cables & |
| | | | pulleys, and hinges. Checked cable tensions and adjusted as needed. |
| | | | Vertical Fin trimmed. Inspected emergency air system. Cleaned |
| | | | battery box & cables, greased. Lubed rear lights & mounting harness. |
| | | | Reassembled AN compliance & applicability through AD log and |
| | | | accomplished AD 2000-01-16 eff 2/15/00 - Exhaust System BCE |
| | | | I certify this airframe has been inspected in an Annual Inspection |
| | | | and found to be airworthy at this time |
| | | | David Luff IA #1056943 |
| | 0 | | **SUB-TOTAL** this page |
| | 4719.4 | | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4719.4 | **TOTAL** brought forward from previous page | |
| 7/01/09 | 4726.1 | 1665.1 | |
| | Engines | | Props Next Due 1 July 12 Mounts Exhaust System |
| Left | tso 558.8 | tt 558.8 | tso 19.8 tt 1958.6 tso 558.8 tsn 558.8 V clamps (F) 37.4 |
| Right | tso 558.8 | tt 558.8 | tso 19.8 tt 1958.6 tso 558.8 tsn 558.8 V clamps 37.4 |
| | | | V Band Clamps per AD 2000-1-16 dt 2/15/00 replaced @ 1628.2 Next Due @ 2128.2 |
| Heater Cycle | tt 41.7 | 0604.6 | C+D Associates CR35K-Heater 20801 Regulator Terminates Heater AD2004-21-5 dt 11/19/4 & Regulator AD2004-25-16 dt 4/20/5 |
| | | | Replaced SIT batteries & Tested iaw 91.207(d)(1-4) Next Due 8/1/10 |
| Test | Done → | 9/27/07 | Altimeter / Direct Sonic System tested iaw 91.411 dt IA # NF2R0295 Next Due 9/1/9 |
| Test | Done → | 8/15/07 | Transponder / Encoder tested iaw 91.413 @ IA # NF2R0295 Next Due 9/1/9 |
| Test | Done → | 9/12/07 | Aircraft weighed iaw 119.5 & P.135 compliance 9/12/07 @ Mulvers hubl Next Due 9/10 |
| | | | |
| | | | Performed an Annual Inspection per Cessna 100 hr. Servicing & Inspection checklist and iaw FAR 91.43 applicable FR & P.91 subpart E. Serviced airframe per Cessna Service Manual, and accomplished the following Research AD compliance & applicability through Adlog & ATP. Accomplished the inspection per AD2000-01-16 dt 2/15/00 Exhaust System, sections B, C, E. Checked all couplers for proper torque and springs for correct dimensions/tension. Replaced defective springs, lubed all slippers. Inspected turbocharger seals & impellers, checked for binding or dragging - None found. Lubed control cables & chains, pulleys & hinges. Checked cable tension. Replaced defective control surface bonding straps. Lubed Flap Linkages & checked travel. Jacked airframe and checked gear rigging and the normal and emergency extension mechanisms. Inspected wheels, bearings, brake pads, discs, and calipers. Lubed mechanism & checked brake fluid. Inspected panel lights, rotating beacons, and bulbs. Checked battery fluid level. Inspected emergency exit system. Adjusted main cabin door mechanism & lubed same. David [illegible] IA 4505769 93 |
| end | | | |
| | | | None Direct/Sonic & Transponder done 8/25/09 by Washington Avionics CRS # WO2R699X Next Due 9/1/11 See Avionics log p9 for details |
| | 0 | **SUB-TOTAL** this page | |
| | 4726.1 | **TOTAL**—Carry forward to next page | |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4737.6 | | **TOTAL** brought forward from previous page |
| 10/1/10 | 4737.6 | 1676.6 | |
| | Engines | | Props Next due 1 July 12 Monuments Exhaust System |
| Left TSO | 570.0 | TT 570.0 | TSO 31.5 TT 1970.3 TSO 570.0 TSN 570.0 Clamps 48.9 |
| Right TSO | 570.0 | TT 570.0 | TSO 31.5 TT 1970.3 TSO 570.0 TSN 570.0 Clamps 48.9 |
| | | | V-Band Clamps per AD2000-1-16 Replaced @ 1628.2 Next Due @ 2128.2 hrs |
| Heater | Hours 0606.7 | TSN 43.8 | C & D Associates heater CD35H and Regulator 20801 Terminates AD2004-21-5 eff 11/19/04 - Heater and AD2004-25-16 eff 4/30/05 for Regulator |
| ELT | Replaced batteries & tested iaw 91.207d(1-4) | | |
| Altimeter / Transponder / Aircraft | Pitot Static Test / Model Encoder Test / Weighing | | Accomplished 8/25/09 iaw 91.411 & 413 @ Washington Avionics CRS WC8R619K Next due 9/1/11<br>Accomplished 8/25/09 iaw 91.413 @ Washington Avionics CRS WC8R619K Next due 9/1/11<br>Accomplished iaw 119.5 for Part 135 compliance |
| | | | |
| | | | Accomplished an Annual Inspection iaw Cessna 100 hr/Annual Servicing and Inspection checklist and iaw FAR Part 43 appendix D and Part 91 appendix E. Serviced airframe per manufacturers manual as applicable. Researched AD Compliance & Applicability via Mobility & MTP System. Accomplished the inspections; AD2000-01-16 eff 8/15/00 Exhaust System, sections B, C, E. Verified spring tensions and band clamp tensions. Lubed slip joints, inspected turbocharger & mount for damage / leaking / binding; all ok. Inspected flight control for travel, and cables, pulleys, chains for condition. Lubed bearings & rotates, verified spring tensions. Jacked aircraft & inspected landing gear retract mechanism. Lubed gears & verified emergency extension system function. Inspected brake system & fluid level, checked tire condition & bolting pads/discs. Inspected wheel bearing & grease. Inspected fuel strainers & caps, adjusted latch. Cleaned fuel strainer screens. Cleaned battery cell cells & refilled battery level. Lubed doors & hinges & latches. I certify that this airframe has been inspected in accordance with an Annual Inspection and found to be airworthy at this time |
| | | | |
| | | | |
| | | | David Lyff IA 4506993 |
| | | | |
| | 11.5 | | **SUB-TOTAL** this page |
| | 4737.6 | | **TOTAL**—Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|---|---|---|
| | 4737.6 | | **TOTAL** brought forward from previous page |
| 1/10/13 | 4737.6 | 1676.6 | Inspected aircraft for ferry flight, lubed control surfaces hinges. |
| | | | checked flap operation and landing gear condition. Inspected tires and |
| | | | brakes. Drained fuel, cleaned air cleaners. Inspected exhaust system and |
| | | | turbocharger/wastegate operation. Checked fuel sumps and strainers. |
| | | | I certify that I have inspected this aircraft and find it safe to fly, iaw |
| | | | the limitations of a Ferry Permit Robert C Schuck A&P 2648789 10/10 |
| 1/11/13 | 4738.4 | 1677.4 | Aircraft placed in long term storage per CSM. |
| | | | Robert C Schuck A&P 2648789 1/10 |
| 1/1/15 | 4738.4 | 1677.4 | |
| | Engines | | Props Governors Exhaust System |
| Left | TSO 570.8 | TT 570.8 | TSO 32.3 TT 1971.1 TSO 570.8 TSN 570.8 cleans 49.7 |
| Right | TSO 570.8 | TT 570.8 | TSO 32.3 TT 1971.1 TSO 570.8 TSN 570.8 cleans 49.7 |
| | | | V Band clamps per AD 2000-1-16 Replaced @ 1678.2 Next due @ 2128.2 hours. |
| | | | EST Replaced batteries and tested iaw 91.207d(1-4) |
| Accomplished an Annual Inspection iaw Lessine 100hr/Annual Servicing and Inspection checklist and iaw. FAR Part 43 | | | |
| appendix D and part 91 subpart E. Serviced Airframe per Manufacturers manual. Recorded AD applicability via AD log 3 ATP system. | | | |
| Accomplished AD 2000-01-16 eff 3/15/00 Exhaust System, sections B, C, E. Verified spring dimensions and band clamp torques. Lubed slip joints, unsprung and | | | |
| inspected system. Mod. Inspected flight controls and systems for travel & condition, lubed all. Verified cable tensions. Jacked aircraft and inspected | | | |
| landing gear. Verified gear extension/retraction and emergency extension system. Greased pivots, inspected tires, tubes, and brakes. Inspected | | | |
| wheel bearings. Cleaned fuel strainers, and injectors. Inspected battery cables, charged batteries and refilled. I certify this airframe | | | |
| has been inspected and serviced in accordance with an Annual Inspection and found to be airworthy at this time | | | |
| | | | Robert C Schuck I.A. 2648789 10/13 |
| | 0.8 | | **SUB-TOTAL** this page |
| | 4738.4 | | **TOTAL**—Carry forward to next page |