

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
--------------	---------------------------	------------------	-----------------------------	---

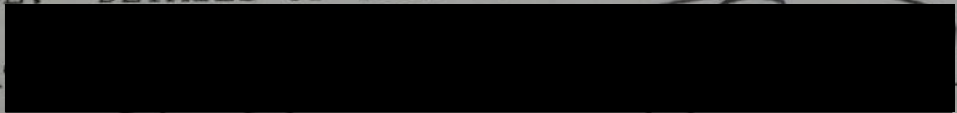
**WEST COAST JET SERVICES, LLC
REPAIR STATION W99R498N
CARLSBAD CALIFORNIA**

DATE 4/5/01	W.O.# 2522	HOBBS TIME 279.1 HRS
LYCOMING IO 320 B1A	N4009Y	L/SERIAL# L-938-55

1480.1 HRS SMOH. CHANGED OIL AND REPLACED FILTER. SERVICED ENGINE WITH 8 QTS AEROSHELL 50 WT NON-DET OIL. REPLACED #2 CYLINDER WITH A CHROMED OVERHAUL EXCHANGE UNIT. REMOVED EXHAUST SYSTEM FOR REPAIR BY DAWLEY AVIATION REPAIR STATION NJ5R069N AND REINSTALLED. COMPRESSION READS AS FOLLOWS #1 74/80 #2 10/80 #3 75/80 #4 70/80. WASHED ENGINE AND COWL. RUN-UP NO LEAKS FOUND.

I CERTIFY THAT ONLY THE WORK REQUESTED BY THE OWNER/OPERATOR AND LISTED ABOVE HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FARs AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE. DETAILS OF THIS WORK ARE ON FILE AT THIS AGENCY.

AUTHORIZED SIGNATURE _____


V O

[illegible]

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
--------------	---------------------------	------------------	-----------------------------	---



11675 Airport Way, Hanger B-11D, Broomfield, CO 80021

Date: 03/06/03 A/C Reg: N4009Y Hobbs: 584.4 Tach:

Left Engine

100 Hour / Annual Inspection completed I/A/W FAR 43, Appendix D and Piper check list; Compression check #1 78/80, #2 32/80, #3 75/80, #4 76/80; Changed oil, filled sump w/ 8 qts Aeroshell 15W50. Removed #2 cylinder and overhauled due to low compression. Reinstalled cylinder w/ new gaskets and seals; Replaced #4 cylinder exhaust stack and tail pipe assembly, removed fuel servo, distributor valve and fuel nozzles and O/H by Mikes Metering Service under W.O.# 14899, reinstalled fuel servo, dist valve and nozzles, C/W AD 02-26-01, fuel injection lines per instruction, replaced all cylinder drain back tubes and induction tubes; Replaced oil sump gasket, replaced all fuel line flex hoses, replaced spark plugs w/ REM 38E, checked engine/magneto timing, run-up satisfactory.

-----END-----

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

Mechanics Name(print): Ben L. Watkins Certificate # [REDACTED]

Mechanics Signature [REDACTED]

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Executive Air Maintenance, Inc, 11675 Airport Way, Hanger B-11D, Broomfield CO 80021
303-466-3771

LEFT ENGINE / PROPELLER

DATE 04-05-2004 N4009Y HOBBS TIME 683.3

ENG TSO 1884.3 PROP TSO 1844.3 AFTT 5082.3

COMPLIED WITH A ANNUAL INSPECTION IAW FAR 43 APPENDIX D AND A PIPER CHECK LIST WASHED
ENGINE COMPLIED WITH ROUTINE SERVICING IAW PIPER / LYCOMBING SERVICE GUIDES REMOVED
ALL SPARK PLUGS CLEANED GAPPED AND TESTED NO DEFECTS NOTE REPLACED INDUCTION AIR
FILTER ADJUSTED PROPELLER GOVERNOR PREFORMED COMPRESSION TEST 77-65-75-71 OVER 80
REMOVED MAGNETOS 500 HR INSPECTION REPLACED POINT RE-TIMED REINSTALLED USED NEW
GASKET AND SET TIMING TO 25 DEG IAW PLACARD COMPLIED WITH AD 02-26-01 CHECKED WIRING
AND HOSES FOR SECURITY LUBED STARTER 50 HR CHECKED ALL CONTROLS NO DEFECTS NOTED
CHECKED PROP FOR DEFECTS NONE NOTED REPLACED GREASE IN HUB AND ADDED NITROGEN AIR TO
HUB IAW PLACARD FILED NICK IN BLADES CLOSED UP RAN OPERATIONAL CHECKS OK NO SIGN OF
FLUID LEAKS NOTED SEE AIRFRAME LOGS THIS TIME AND DATE FOR MORE DETAILS ON ANNUAL
INSPECTION

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A ANNUAL INSPECTION AND HAS BEEN
DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME

STEVEN T BUSH A&P

CHALLENGER AVIATION

1321 Grand Oaks Drive
Howell, MI 48843
(517) 548-1665

June 18, 1982

Lycoming IO-320 B1a Serial # L-930 -55
Tach Time 3239

Engine completely dissassembled for Major Overhaul.
All parts checked for cracks by Magnaflux or Zy-Glow.
All oil passageways cleaned, new sludge tubes installed.

Replaced following parts with factory new parts:

Pistons	P/N 75089
Exhaust valves	P/N 74541
Tappets	P/N 78290
Main Bearings	LW 10124, 13884
Rod Bearings	P/N 61662
Rod bolts & nuts	P/N 78027 LW 12186
Piston Rings	P/N 3601-A1
Value Guides	
All Seals Gaskets,	
Lock Rings	
Intake Hoses	
Oil Drain Hoses	
Prop Seal	
Oil Pump Gears	

Cylinders Overhauled, Valve seats ground, Crank Shaft polished (standard size). Fuel Injector Overhauled by Michigan Aviation. Starter, Generator Overhauled. Mags reworked and timed. Installed new spark plugs and Ignition Harness. Engine installed on Piper PA-30 N-4009Y with new Lord Mounts.

C/W Service Bulletin on Crankcase Dowels.
C/W All Service Bulletins on Fuel Injector.

William Bertrand [REDACTED] A&P
[REDACTED]

OIL PUMP GEARS ARE ALUMINUM + STEEL
TYPE AD 81-18-4R2 DOES NOT APPLY
[REDACTED]

[illegible]

I CERTIFY THIS ENGINE HAS BEEN
INSPECTED I/A/W A 100 HRZ INSPECTION
AND DETERMINED TO BE IN AIRWORTHY
CONDITION. WILLIAM BERTON, ABE