

The Standard
 ENGINE LOG

ASA-SE-2

The Standard Engine Log
SE-2

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ASA-SE-2

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PNR ASA-SE-2



9 781560 270515

Engine Record General Information

Manufacturer Continental

Model O-470S

Serial 464297

Type Certificate

This engine is currently installed in aircraft: Cessna 182N N703Z

Minimum Octane Fuel 80/87

Oil Grade Summer SAE 50

Winter SAE 40

Magneto Time 22°

Point Setting

Firing Order 163254

Spark Plug Gap .016 - .019

Manufacturer's Recommended Overhaul at 1000 hours

TO FILES CURRENT AS OF 10-20-92

HFG: TELEDYNE MODEL: Q-470-S
ENGINE: 230 HP SERIAL: 464297

SMOH E: "0"

TT E: 1953.2 TT AF: 1953.2

==== AIRWORTHINESS DIRECTIVES SECTION ===== NON-RECURRING =====

AD No: 66-05-04 R1 Eff.Date: 10-02-85 Compliance:
 * MARVEL-SCHIEBLER - METAL FLOATS
 IComp.DateI Hours I Next Due IMethod of ComplianceI Signature and NumberI
 I 10/20/92I AT O/H I N/A I LATE STYLE METAL I BJ3R399L I
 I I I I FLOAT INSTALLED I I
 I I I I I I

AD No: 67-01-04 Eff.Date: 01-02-67 Compliance: SEE AD
 * SUPERIOR FLOW - OIL FILTERS
 IComp.DateI Hours I Next Due IMethod of ComplianceI Signature and NumberI
 I 10/20/92I AT O/H I N/A I N/A BY MANUFACTURE I BJ3R399L I
 I I I I I I

AD No: 69-24-03 Eff.Date: 11-29-69 Compliance:
 * MARVEL-SCHIEBLER - BLOCKAGE OF CARBURETOR METERING
 PASSAGES
 IComp.DateI Hours I Next Due IMethod of ComplianceI Signature and NumberI
 I 10/21/92I AT O/H I N/A I N/A BY SERIAL# I BJ3R399L I
 I I I I I I

AD No: 72-06-05 R2 C Eff.Date: 07-03-86 Compliance: SEE AD
 * MARVEL SCHIEBLER - TO PREVENT LOOSENESS OR SEPARATION OF THE
 THROTTLE ARM
 IComp.DateI Hours I Next Due IMethod of ComplianceI Signature and NumberI
 I 10/20/92I AT O/H I N/A I LATE STYLE SHAFT I BJ3R399L I
 I I I I AND ARM INSTALLED I I
 I I I I I I

AD No: 73-07-04 Eff.Date: 10-11-73 Compliance: SEE AD
 * BENDIX - TO PREVENT FAILURE OF MAGNETOS DUE TO MALFUNCTION
 OR FAILURE OF IGNITION COIL OR, CONTD.
 IComp.DateI Hours I Next Due IMethod of ComplianceI Signature and NumberI
 I 10/20/92I AT O/H I N/A I N/A BY MANUFACTURE I BJ3R399L I
 I I I I I I

AD No: 73-13-04 Eff.Date: 06-20-73 Compliance:

CARBURETOR BOWL DRAIN PLUG

IComp.DateI Hours I Next Due IMethod of ComplianceI Signature and NumberI
 I 10/20/92I AT O/H I N/A I SEALED PLUG AT O/H I BJ3R399L I
 I I I I I I

VICTOR AVIATION SERVICES, INC.
P.O. BOX 50608
PALO ALTO, CA 94303-0608
(415) 856-7616Serial # 464297 En
A/T.T. 1953.2 Ho

1. ENGINE MAJOR OVER
- WITH CERMISTEEL CYLI
2. INSTALLED SERVICE
3. INSTALLED NEW SLICK MAGNETOS
- HARNES.
4. OVERHAULED STARTER AND CARBUR
5. THE ABOVE ENGINE IDENTIFIED W
- ACCORDANCE WITH CURRENT FEDER
- FOUND AIRWORTHY FOR RETURN TO
- FORMED. PERTINENT DETAILS OF
- THIS AGENCY UNDER WORK ORDER
6. SEE FRONT OF LOG FOR A.D. LIS
- MAINTENANCE RELEASES.
7. NOTHING FOLLOWS.

Insp

1 10/20/921 AT O/H 1 N/A 1
AD No: 80-06-05 Eff.Date: 03-28-80 Compliance: SEE AD
* SLICK ELECTRO - MAGNETO FAILURE
1Comp.Date1 Hours 1 Next Due 1Method of Compliance1 Signature and Number1
1 10/20/921 AT O/H 1 N/A 1 NEW MAGS INSTALLED 1 BJ3R399L 1

AD No: 81-16-05 Eff.Date: 08-06-81 Compliance: SEE ISSUE
* SLICK ELECTRO - MAGNETO FAILURE DUE TO CRACKED COIL
Reference: SEE ISSUE
1Comp.Date1 Hours 1 Next Due 1Method of Compliance1 Signature and Number1
1 10/20/921 AT O/H 1 N/A 1 NEW MAGS INSTALLED 1 BJ3R399L 1

AD No: 82-20-01 Eff.Date: 06-14-83 Compliance: SB 623
* BENDIX - TO PREVENT FAILURE OF IMPULSE COUPLING DUE TO
IMPROPERLY HEAT TREATED (SOFT) FLYWEIGHTS, CONTD.
1Comp.Date1 Hours 1 Next Due 1Method of Compliance1 Signature and Number1
1 10/20/921 AT O/H 1 N/A 1 N/A BY MANUFACTURE 1 BJ3R399L 1

AD No: 85-08-02 Eff.Date: 04-15-85 Compliance: SB M85-3
TO PREVENT POSSIBLE VALVE STEM WEAR, OIL CONTAMINATION, VALVE
SEIZURE, AND TOTAL LOSS OF ENGINE POWER
1Comp.Date1 Hours 1 Next Due 1Method of Compliance1 Signature and Number1
1 10/20/921 AT O/H 1 N/A 1 N/A BY VALVE AND 1 BJ3R399L 1
1 1 1 1 GUIDE P/N INST. 1 1

AD No: 88-03-06 Eff.Date: 04-15-88 Compliance: SB M88-4
TO PREVENT POSSIBLE LOSS OF ENGINE OIL AND SUBSEQUENT
ENGINE FAILURE
1Comp.Date1 Hours 1 Next Due 1Method of Compliance1 Signature and Number1
1 10/21/921 AT O/H 1 N/A 1 N/A BY FILTER MFG. 1 BJ3R399L 1

AD No: 89-04-02 Eff.Date: 03-08-89 Compliance:
* FACET - TO PREVENT POSSIBLE JAMMING OF THE CARBURETOR
THROTTLE
1Comp.Date1 Hours 1 Next Due 1Method of Compliance1 Signature and Number1
1 10/20/921 AT O/H 1 N/A 1 N/A BY S/N 1 BJ3R399L 1

==== AIRWORTHINESS DIRECTIVES SECTION ===== RECURRING =====

AD No: 74-18-05 RECURRING Eff.Date: 08-28-74 Compliance:
* SLICK - TO PREVENT FAILURE OF THE MAGNETO IMPULSE
COUPLING DUE TO LOOSE PAWLS
1Comp.Date1 Hours 1 Next Due 1Method of Compliance1 Signature and Number1
1 10/21/921 AT O/H 1 N/A 1 NEW MAGS INSTALLED 1 BJ3R399L 1

Aviation Serial # 464297
VICTOR AVIATION SERVICES, INC. A/F T.T. 1953.2
P.O. BOX 50608
PALO ALTO, CA 94303-0608
(415) 856-7616
1. ENGINE MAJOR OVERHAUL WITH CERMISTEEL CYLINDER
2. INSTALLED SERVICE HARNESS.
3. INSTALLED NEW SLICK MAGNETOS
4. OVERHAULED STARTER AND CARBURETOR
5. THE ABOVE ENGINE IDENTIFIED WITH ACCORDANCE WITH CURRENT FEDERAL FOUND AIRWORTHY FOR RETURN TO FORMED. PERTINENT DETAILS OF THIS AGENCY UNDER WORK ORDER
6. SEE FRONT OF LOG FOR A.D. LIST MAINTENANCE RELEASES.
7. NOTHING FOLLOWS.

Inspe

Method of Compliance Signature and Number
 1 SEALED PLUG AT O/R 1 BJ3R399L
 1
 Eff. Date: 03-05-79 Compliance: SB W78-2, R1
 INDICATION
 Method of Compliance Signature and Number
 1 N/A BY P/W INST. 1 BJ3R399L
 1
 Eff. Date: 03-28-80 Compliance: SEE AD
 HTO FAILURE
 Method of Compliance Signature and Number
 1 NEW MAGS INSTALLED 1 BJ3R399L
 1
 Eff. Date: 08-06-81 Compliance: SEE ISSUE
 HTO FAILURE DUE TO CRACKED COIL
 SEE ISSUE
 Method of Compliance Signature and Number
 1 NEW MAGS INSTALLED 1 BJ3R399L
 1
 Eff. Date: 08-14-83 Compliance: SB 623
 FAILURE OF IMPULSE COUPLING DUE TO
 (SOFT) FLIGHTS, CONTD.
 Method of Compliance Signature and Number
 1 N/A BY MANUFACTURE 1 BJ3R399L
 1

s and Alterations
 Certificate Number of
 other specific entries.)

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
19 92				



VICTOR AVIATION SERVICES, INC.
 P.O. BOX 50608
 PALO ALTO, CA 94303-0608
 (415) 856-7616

A/C Reg. # N1334S A/C Ser. # 18264897 W.O. # 8559
 Engine Make CONTINENTAL Model 0-470.3
 Serial # 464297 Eng. T.T. 1953.2 S.M.O.H. "0"
 A/F T.T. 1953.2 Hobbs Time Tach Time 1953.2

F.A.A. CERTIFIED
 REPAIR STATION #B3R399L

- ENGINE MAJOR OVERHAULED "BLACK EDITION SERIES" WITH CERMISTEEL CYLINDERS BY ECI.
- INSTALLED SERVICEABLE EXCHANGE CRANKCASE.
- INSTALLED NEW SLICK MAGNETOS AND SKYTRONICS IGNITION HARNESS.
- OVERHAULED STARTER AND CARBURATOR.
- THE ABOVE ENGINE IDENTIFIED WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER 8559 DATED 8/17/92.
- SEE FRONT OF LOG FOR A.D. LISTING, SEE REAR OF LOG FOR MAINTENANCE RELEASES.
- NOTHING FOLLOWS.

Inspector [Redacted] Date 10/20/92
 For repair station of Victor Aviation Services, Inc.

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
19 92				



VICTOR AVIATION SERVICES, INC.
P.O. BOX 50608
PALO ALTO, CA 94303-0608
(415) 856-7516

F.A.A. CERTIFIED
REPAIR STATION #B3R399L

A/C Reg. # N1334S A/C Ser. # 18264897 W.O. # 8560
Engine Make CONTINENTAL Model 0-470S
Serial # 464297 Eng. T.T. 1953.2 S.M.O.H. "0"
A/F.T.T. 1953.2 Hobbs Time Tach Time 1953.2

1. REMOVED ENGINE FOR MAJOR OVERHAUL AND RE-
INSTALLED AFTER OVERHAUL WITH NEW VIBRATION
ISOLATORS AND NEW FUEL AND OIL HOSES. 2. RE-
PLACED ENGINE BAFFLE SEALS AND REPAIRED METAL ENGINE BAFFLES
AS REQUIRED. 3. REPLACED ALTERNATOR BELT AND ALTERNATOR MOUNT
GROMMETS. 4. REPLACED EGT PROBE. 5. EXHAUST STACKS REPAIRED
BY KNISLEY WELDING, INSTALLED NEW MUFFLER. 6. REPLACED MUF-
FLER ATTACH CLAMPS. 7. REPLACED BREATHING TUBE. 8. INSTALLED
NEW SEAL ON AIRBOX FLANGE. 9. REPLACED ALL FOUR ENGINE GROUND
STRAPS. 10. REPLACED AIR FILTER ELEMENT. 11. INSTALLED OVER-
HAULED GOVERNOR.
12. NOTHING FOLLOWS.

Inspector [Signature] Date 10/20/92
For repair station of Victor Aviation Services, Inc.

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
19 92				
12-19-92	TACH 2025			DRAINED OIL, REPAIRED OIL FILTER #2448110, ADDED 10 QTS AGROSHOLL 15W50 OIL, SERVICED BATTERY, SERVICED BRAKE RESERVOIR SERVICED NOSE STRUT, REPLACED COIL FASTENERS, CLEANED + ROTATED SPARK ARCS [Signature] - ATT [Redacted]
5/6/93	ENG TOTAL TIME 2113.8 TACH 2113.8 SMOH 160.6			OIL DRAINED & RESERVICED WITH 11 QTS AGROSHOLL 15W50. OIL FILTER INSP'D & REPLACED. SPARK PLUGS CLEANED & GAPPED. MAG. TIMING CK'D. COMPRESSION READINGS ARE AS FOLLOWS: (1) 78 (2) 75 (3) 71 (4) 77 (5) 76 (6) 77. ALL MINOR & ROUTINE MAINT. WAS PERFORMED AS REQ'D.
	All pertinent A.D. Notes up to and incl card 93-08 were insp'd and found to be P/C/W, N/A or were C/W			I certify that this ENGINE has been inspected in accordance with a <u>ANNUAL</u> inspection and is determined to be in an airworthy condition on this date and is returned to service. [Signature] Robert A. Gaertner IA [Redacted]

DATE 19 93	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 Technician or Repair Facility. (See back pages for other specific entries.)
12/17/93	TTC 2299.9	TACH 2299.9	SMCH 3461.7	OIL DRAINED & RESERVICED WITH 12 QTS AEROSHELL 15W50. OIL FILTER INSP'D & REPLACED. ALL SPARK PLUGS CLEANED, GAPPED & ROTATED. — END. [Redacted] AIP [Redacted]
6-6-94	Tech 2453. hr	TSMCH 500. hr	RIR carb air box for repair, RIR muffler for welding, Drained oil + changed filter, added 15W50 + shell, Compression #1 77/80 #2 75/80 #3 77/80 #4 78/80 #5 78/80 #6 78/80 This Engine has been inspected IIA/W a Annual Inspection, and was determined to be in an airworthy condition at this time — [Redacted] IA [Redacted]	

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DATE 19 95	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 Technician or Repair Facility. (See back pages for other specific entries.)
7-7-95	Tech 2760.1 hr	TSMCH 806.9 hr		Reset timing, Tightened alt belt, Tightened cover gaskets, Drained oil + changed filter CH48110, added 10 qts 15W50 + shell, Replaced air filter BA8103-1 Compression #1 70/80 #2 78/80 #3 78/80 #4 78/80 #5 78/80 #6 76/80 This Engine has been inspected IIA/W a Annual Inspection, and was determined to be in an airworthy condition at this time — [Redacted] IA [Redacted]
2003	ENGINE DIS-ASSEMBLED, CRANKSHAFT SENT To ECI SAN ANTONIO, TEXAS CRANK OVERHAULED MAIN BEARINGS TURNED TO 10 UNDER ROD ARE STANDARD WORK ACCOMPLISHED UNDER INV # 8700-1 ULTRASONIC INSPECTION AND CRANKER WEIGHTS RE-WORKED AND NEW PINS AND CIRCLIPS INSTALLED, CRANKSHAFT BALANCED ALL UNDER INV # 8700-1 ALL ROCKER ARMS OVERHAULED BY ECI UNDER INV # 8702-1			

Conto

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DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
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21 DEC 2003 ENGINE DIS-ASSEMBLED FOR OVERHAUL
CRANKSHAFT WAS SHIPPED TO ECI SAN-ANTONIO
TEXAS FOR OVERHAUL CRANK WAS CLEANED AND
MAGNAFLUXED, MAIN BRS JOURNALS TURNED TO .010
UNDER ROD JOURNALS ARE STANDARD. COUNTER WEIGHS
WERE OVERHAULED ALONG WITH CRANK BLADES AND
NEW PINS, PLATES AND CIRCLIPS INSTALLED. CRANK WAS
ULTRASONIC INSPECTED PER SB 96-C. CRANK WAS THEN
BALANCED ALL UNDER INV# 8700-1 CRANKCASE WAS
SENT TO ECI AND WAS OVERHAULED TO COMPLY WITH
TCM SB 92-7 ALL UNDER INV# 8703-1 ROCKER ARMS
WERE OVERHAULED BY ECI UNDER INV# 8702-1
CONNECTING RODS WERE OVERHAULED BY ECI UNDER
INV# 8701-1 ALL GEARS WERE MAGNAFLUXED BY
KENMORE AIR HARBOUR, KENMORE WA. UNDER WOT# 32167
ALL CYLINDERS ARE NEW ASSEMBLIES, THAT IS COMPLETE
WITH STANDARD, PISTON AND RINGS, THE CYLINDERS ARE

CONTD

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
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18 DEC 2003
CEMINIL ALL NEW EX VALVES, INTAKE VALVES, ALL SEAT
GUIDES, VALVE SPRINGS + LOCK ARE INCLUDED.
ENGINE WAS MAJOR OVERHAULED. RODS WERE DIMENSION
ALLY CHECKED BOTH BIG AND LITTLE END BEARING FITS WERE
CHECKED PER OVERHAUL MANUAL. RODS WERE INSTALLED
AND TORQUED TO SPEC. CRANK WAS DIMENSIONALLY CHECKED
AND ID OF MAINS WAS MEASURED, WELL WITHIN SPEC
LIMITS. CRANK, GEARS AND CRANK WAS INSTALLED
IN CASE. CAMSHAFT, NEW, OBTAINED FROM SUPERIOR
AIRCRAFT PARTS SAN ANTONIO ALONG WITH NEW CAM
FOLLOWERS WERE INSTALLED IN CASE WHEN INITIALLY TORQUED
ALL NEW CYLINDERS WERE INSTALLED WITH ALL NEW
THR- BOLTS AND HOLD-DOWN NUTS CASE WAS FINAL
TORQUED WITH THE CYLINDER INSTALLATION. THE STARTER
DRIVE WAS DIMENSIONALLY CHECK AND RE-ASSEMBLED AND
INSTALLED ON ENGINE. ALL ENGINE MOUNT LEGS WERE
INSTALLED AND TORQUED TO SPEC. ALL GEAR JACKLAST

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
15 2 003				DIMENSIONS WERE CHECKED. OIL PUMP WAS DIMENSIONAL CHECKED AND RE-ASSEMBLED. OIL PUMP WAS INSTALLED ON THE ENGINE AND TORQUED TO SPEC. ALL INTAKES WERE INSTALLED WITH NEW INT. HOSES. ALL PUSH RODS AND ROCKER ARMS WERE INSTALLED. ALL DRY CLEARANCES WERE MEASURED, AND ARE WITHIN SPEC. ROCKER COVERS WERE INSTALLED WITH NEOPRENE GASKETS. THE NEW EXHAUST STACKS WERE INSTALLED, OBTAINED FROM KNISLEY, SANTA FE SPRINGS, CALIF. THE ENGINE WAS INSTALLED ON CESSNA 182 N7032. N1826582 N7032. THE ENGINE MOUNT WAS STRIPPED OF ALL PAINT, MAGNAFLUXED AND POWDER COATED WHITE. THE FIREWALL WAS PAINTED WHITE. THE ENGINE WAS INSTALLED WITH NEW LAMP MOUNTS AND NEW BOLTS. THE MOUNT BOLTS WERE TORQUED TO 40 FT LBS. PER MAINT. MANUAL. INSTALLED NEW SLICK MAGS MODEL # 6310 2T. MAG SIN 03080290 RT MAG SERIAL NO. 03080286. MAGS INSTALLED USING NEW DRIVE RUBBERS AND TIME TO RUN AT 22° NEW SLICK IGNITION

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
15 2 003				HARNASS INSTALLED. NEW AUTO LITE SPARK PLOES INSTALLED. PART NO. MUFFLER INSTALLED WITH NEW SHROUD. ALL ENGINE CONTROLS WERE ATTACHED AND CLAMPED AS NECESSARY. THE PROPELLER MODEL NO. 2434C-201 YELLOW TAGGED WAS INSTALLED AND TORQUED TO 65 FT LBS. AN OUBA HAULED CARBURATOR MODEL # 10-4893-1 SN 64139 OBTAINED FROM CHIEF AIRCRAFT INVT # 0034030. ENGINE SERVICED WITH 12 QTS OF ROYAL SHELL # 50. ENGINE GROUND RUN ALL INDICATIONS IN THE GREEN. A 100 HR INSP WAS ACCOMPLISHED AT THE TIME OF ENGINE INSTALLATION. I CERTIFY THIS ENGINE AIRWORTHY THIS DATE DATE 21 MAR 04 TACH 8307.67 194P 21 MAR 04 A/E TEST FLOWN FOR 30 MIN AT 75% POWER ALL INDICATIONS IN THE GREEN

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
1004				
2 APR	REPLACED #			1, 3 AND #6 EGT PROBE (INOP)
	GROUND RUN, OK			
			(SOH)	A & P [REDACTED]
11-3-05	8389.3		81.6	I CERTIFY THIS POWERPLANT HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPN. CHECKLIST & WAS FOUND TO BE AIRWORTHY.
			(SOH)	IA [REDACTED]
12-7-06	8454.3		146.6	I CERTIFY THIS POWERPLANT HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPN. CHECKLIST & WAS FOUND TO BE AIRWORTHY.
				IA [REDACTED]

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DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
192008				
1/27/08	8507.91		(SOH) 200.22	I certify that this <u>ENGINE</u> has been inspected I.A.W. an <u>100 HR</u> inspection and found to be in airworthy condition.
				Removed VALVE COVER #2, LAPPED & STALLED EXHAUST VALVE - REASSEMBLED ALL NORMAL. PERFORM COMPRESSION - ALL OVER 80# 1/7, 2/7, 3/7, 4/7, 5/7, 6/7, 7/7, 8/7, 9/7, 10/7, 11/7, 12/7, 13/7, 14/7, 15/7, 16/7, 17/7, 18/7, 19/7, 20/7, 21/7, 22/7, 23/7, 24/7, 25/7, 26/7, 27/7, 28/7, 29/7, 30/7, 31/7, 1/8, 2/8, 3/8, 4/8, 5/8, 6/8, 7/8, 8/8, 9/8, 10/8, 11/8, 12/8, 13/8, 14/8, 15/8, 16/8, 17/8, 18/8, 19/8, 20/8, 21/8, 22/8, 23/8, 24/8, 25/8, 26/8, 27/8, 28/8, 29/8, 30/8, 31/8, 1/9, 2/9, 3/9, 4/9, 5/9, 6/9, 7/9, 8/9, 9/9, 10/9, 11/9, 12/9, 13/9, 14/9, 15/9, 16/9, 17/9, 18/9, 19/9, 20/9, 21/9, 22/9, 23/9, 24/9, 25/9, 26/9, 27/9, 28/9, 29/9, 30/9, 31/9, 1/10, 2/10, 3/10, 4/10, 5/10, 6/10, 7/10, 8/10, 9/10, 10/10, 11/10, 12/10, 13/10, 14/10, 15/10, 16/10, 17/10, 18/10, 19/10, 20/10, 21/10, 22/10, 23/10, 24/10, 25/10, 26/10, 27/10, 28/10, 29/10, 30/10, 31/10, 1/11, 2/11, 3/11, 4/11, 5/11, 6/11, 7/11, 8/11, 9/11, 10/11, 11/11, 12/11, 13/11, 14/11, 15/11, 16/11, 17/11, 18/11, 19/11, 20/11, 21/11, 22/11, 23/11, 24/11, 25/11, 26/11, 27/11, 28/11, 29/11, 30/11, 31/11, 1/12, 2/12, 3/12, 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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	ENGINES 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.)
18 2009		T50H		
3/22/09	8565.4	248.42	3394.32	COMP - ALL OVER 80: 1-74, 2-72, 3-76, 4-78, 5-75, 6-74 Removal & Replaces #2 CYL. Replaces Valve Guide, check Timing Check Play - Follows CEMA 100P Check List I certify that this <u>ENGINE</u> has been inspected I.A.W. an <u>100R</u> inspection and found to be in airworthy condition. [Redacted] AIP [Redacted]
3/22/09			3394/32	I certify that this <u>Engine</u> has been inspected I.A.W. an <u>Annual</u> inspection and found to be in airworthy condition. [Redacted] IA [Redacted]
4/10/10	8612.76	305.58	3451.58	REMOVE, RECONDITION & REINSTALL ROLLER ARMS SEE INVOICE 10-10056 [Redacted] AIP [Redacted]

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
18 2010		T50H		
4/10/10	8612.76	305.58	3451.58	SERVICE ENGINE - CHECKED TIMING - CHECK COMPRESSION, ALL OVER 80, 1-70, 2-76, 3-74, 4-74, 5-72, 6-75 I certify that this <u>ENGINE</u> has been inspected I.A.W. an <u>100R</u> inspection and found to be in airworthy condition. [Redacted] AIP [Redacted]
4-13-10	8612.78		3451.6	I CERTIFY THIS POWERPLANT HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPN CHECKLIST & WAS FOUND TO BE AIRWORTHY. [Redacted] IA [Redacted]

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
20/11/49				
4-1-	8653.6		3491.6	I CERTIFY THIS POWERPLANT HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPN CHECKLIST & WAS FOUND TO BE AIRWORTHY. [redacted] IA [redacted]
3/11/12	8689.37			I certify that this ENGINE has been inspected I.A.W. an 100 HOUR inspection and found to be in airworthy condition. [redacted] A&P [redacted]
4-27-12	8691.1		3529.1	I Certify that this ENGINE has been inspected IAW an ANNUAL INSPECTION and was found to be in Airworthy Condition for return to service this date. [redacted] IA [redacted]

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
19				
4/13/13	8739.0			I certify that this ENGINE has been inspected I.A.W. an 100 HR inspection and found to be in airworthy condition. [redacted] A&P [redacted]
4/13/13	8739.00		3577.0	I certify that this ENGINE has been inspected I.A.W. an ANNUAL inspection and found to be in airworthy condition. this date. [redacted] A&P [redacted] IA
4/27/14	8802.67			I certify that this ENGINE has been inspected I.A.W. an 100 HR inspection and found to be in airworthy condition. [redacted] A&P [redacted]

TSOH				Description of Inspections, Tests, Repairs and Alterations
DATE	RECORDING TACH TIME	TODAYS FLIGHT TIME	TOTAL TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2/29/14	8862.6	749.01	3641.01	I certify that this AIRFRAME/POWERPLANT has been inspected in accordance with an ANNUAL/100 hour inspection and was determined to be in an Airworthy condition this date 2/29/2014 James H. Hill A&P [redacted] IA
3/28/15	8864.61	552.0	3703.00	I certify that this ENGINE has been inspected I.A.W. an 100 R inspection and found to be in airworthy condition. [redacted] A&P # [redacted]
4/4/2015	8864.61	552.0	3703.00	I certify that this AIRFRAME/POWERPLANT has been inspected in accordance with an ANNUAL/100-hour inspection and was determined to be in an Airworthy condition this date 4/4/2015 James H. Hill A&P [redacted] A

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TSOH				Description of Inspections, Tests, Repairs and Alterations
DATE	RECORDING TACH TIME	TODAYS FLIGHT TIME	TOTAL TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/14/15	8880.6	568	3719.00	REMOVE & REPLACE CYLINDER #1 SEE AVIATION SERVICE REPAIR #2782206 of 6/10/15, CHECKED COMPRESSION ON #1 - 70/80 ALL NORMAL [redacted] A&P # [redacted]
4-17-2016	8912.13	609.63	3760.63	I certify that this ENGINE has been inspected I.A.W. an 100 R inspection and found to be in airworthy condition. [redacted] A&P # [redacted]
5/6/16	8922.23	609.63	3760.13	I certify that this AIRFRAME/POWERPLANT has been inspected in accordance with an ANNUAL/100-hour inspection and was determined to be in an Airworthy condition this date 5/6/16 [redacted] A&P [redacted] IA

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DATE	RECORDING TACH TIME	TODAYS FLIGHT T.SOH	TOTAL TIME IN 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.)
3017				
5/13/17	8971.34	658.74	3809.74	COMPLETED A 100R INSPECTION IAW CESSNA 100P INSPECTION Form; COMP! 71, 70, 72, 76, 76, 76 ALL OVER 80% CHECKED # SET Timing, CLOWN & GAP PLUGS I certify that this <u>ENGINE</u> has been inspected I.A.W. an 100 R inspection and found <u>OK</u> to be in airworthy condition <u>HP</u> <u>██████████</u>
05-20-17	8971.34	658.74	3809.74	I certify that this AIRFRAME/POWERPLANT has been inspected in accordance with an ANNUAL/100 hour inspection and was determined to be in an Airworthy condition this date <u>05-20-17</u> James H Hill A&P <u>██████████</u> IA

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DATE	RECORDING TACH TIME	TODAYS FLIGHT T.SOH	TOTAL TIME IN 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.)
19				
5/19/18	9015.82	703.24	3854.22	I certify that this <u>AIRFRAME ENGINE</u> has been inspected I.A.W. an <u>100 R</u> inspection and found <u>OK</u> to be in airworthy condition <u>HP</u> <u>██████████</u>
5/25/18	9015.82	703.24	3854.22	I certify that this AIRFRAME/POWERPLANT has been inspected in accordance with an ANNUAL/100 hour inspection and was determined to be in an Airworthy condition this date <u>5/25/2018</u> James H Hill A&P 2643016 IA
05/18/19	9062.4	730.35	9062.4	I certify that this <u>ENGINE</u> has been inspected I.A.W. an <u>100 R</u> inspection and found <u>OK</u> to be in airworthy condition <u>HP</u> <u>██████████</u>

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DATE 19	RECORDING TACH TIME	TODAYS FLIGHT TSC#	TOTAL TIME IN 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.)
5/18/19	906237	749.7	906237	I certify that this AIRFRAME/POWERPLANT has been inspected in accordance with an ANNUAL/100 hour inspection and was determined to be in an Airworthy condition this date <u>MAY 18, 2019</u> A&P [redacted] A
5-16-20	909937	786.3	909937	I certify that this ENGINE has been inspected I.A.W. an <u>100R</u> inspection and found to be in airworthy condition.
05/24/20	909937	786.3	909937	I certify that this AIRFRAME/POWERPLANT has been inspected in accordance with an ANNUAL/100 hour inspection and was determined to be in an Airworthy condition this date <u>05/20/2020</u> James H. Hill A&P [redacted] A

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT TSC#	TOTAL TIME IN 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.)
5/15/21	9145.58	823.18	3983.98	I certify that this ENGINE has been inspected I.A.W. an <u>100R</u> inspection and found to be in airworthy condition. Cylinder compressions: #1 19/80, #2 17/80, #3 16/80, #4 15/80, #5 12/80, #6 19/80
05/23/21	9145.58	823.18	3983.98	I certify that this AIRFRAME/POWERPLANT has been inspected in accordance with an ANNUAL/100 hour inspection and was determined to be in an Airworthy condition this date <u>05/23/21</u> James H. Hill A&P [redacted] IA
5/22/22	9184.9		4022.3	I certify that this ENGINE has been inspected I.A.W. an <u>100R</u> inspection and found to be in airworthy condition.

DATE	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 Technician or Repair Facility. (See back pages for other specific entries.)
05/29/22	9184.94		4023.34	I certify that this AIRFRAME <u>POWERPLANT</u> has been inspected in accordance with an <u>ANNUAL/100 hour</u> inspection and was determined to be in an Airworthy condition this date <u>05-29-22</u> James H/Hill A&P [REDACTED] IA
05/18/23	9226.9		4065.3	I certify that this <u>ENGINE</u> has been inspected I.A.W. an <u>100 hr</u> inspection and found to be in airworthy condition. [REDACTED] A & P [REDACTED]
05/23/23	9226.83		4065.3	I certify that this AIRFRAME <u>POWERPLANT</u> has been inspected in accordance with an <u>ANNUAL/100 hour</u> inspection and was determined to be in an Airworthy condition this date <u>5/22/2023</u> James H/Hill A&P [REDACTED] IA

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[illegible]

Engine Components, Inc.

9503 Middlex P.O. Box 17099 San Antonio, Texas 78217
REPAIR STATION NO. 2091

ITEM ☒ CRANKCASE
ENGINE ☒ CONT. ☐ LYC. ☐ OTHER
PART No. 11910 SC027
DISPOSITION
CRANKCASE REMANUFACTURED OVERHAULED TO SERVICE LIMITS
SIGNED [Signature] DATE 11 Dec 91

SERVICEABLE

AIRCRAFT EXHAUST SYSTEMS KNISLEY WELDING, INC.

FAA CERTIFICATED
REPAIR STATION #NJ38712L
3450 Swetzer Road
Loomis, CA 95650
(916) 652-5891

SERVICEABLE

Mfr. Name Cessna
Component Name Collector
1181 (2 ea.)
Model 182
P/N 0750238-20

The aircraft component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 56376
Date 9-18-92
Signed [Signature]
(Authorized Individual)

FAA/PMA APPROVED

THIS MAGNETO WAS MANUFACTURED FROM ALL NEW COMPONENTS IN ACCORDANCE WITH FAR 21.303h UNDER AUTHORITY OF MMF3226 AND IS AIRWORTHY. THIS MAGNETO IS FAA/PMA APPROVED FOR APPLICATIONS LISTED IN SLICK AIRCRAFT PRODUCTS FORMS L-1058 AND F-1100.

ENTER MAGNETO MODEL, SERIAL NUMBER AND DATE OF INSTALLATION AND ATTACH THIS TAG TO ENGINE LOGBOOK.

MAGNETO MODEL NO. 6310

MAGNETO SERIAL NO. 92060510

DATE OF INSTALLATION

FAA/PMA APPROVED

THIS MAGNETO WAS MANUFACTURED FROM ALL NEW COMPONENTS IN ACCORDANCE WITH FAR 21.303h UNDER AUTHORITY OF MMF3226 AND IS AIRWORTHY. THIS MAGNETO IS FAA/PMA APPROVED FOR APPLICATIONS LISTED IN SLICK AIRCRAFT PRODUCTS FORMS L-1058 AND F-1100.

ENTER MAGNETO MODEL, SERIAL NUMBER AND DATE OF INSTALLATION AND ATTACH THIS TAG TO ENGINE LOGBOOK.

MAGNETO MODEL NO. 6310

MAGNETO SERIAL NO. 92060639

DATE OF INSTALLATION

SERVICEABLE PARTS TAG

Customer Randy Souviney
Job No. 8559 Date 10-13-92

Part No. 10-4893-1 Part Name Carburetor
Overhaul: AD 72-06-05 R2 N/A Per P/N
AD 89-04-02 N/A Per S/N;
Material
MSA-1 Complied with by installing 666-916 Metal Float Kit;
Stamped Date Plate MF
P.O. No.

Pcs. 1

Insp. [Signature] Stamp

SERVICEABLE PARTS TAG

Customer Souviney/Morris
Job No. 8559 Date 09-10-92

Part No. MCG 6501 Part Name Starter
Material 12 V Ser. No. 0042471

Pcs. 1

Insp. [Signature] Stamp

Avian Aeronautics, Inc.
8900 State HWY. 3 SW.
Port Orchard, WA. 98367
04/05/10

Condition Tag
Overhaul
Inv.# 10-10056

Mfg: CONTINENTAL Model No. O-470 Ref. No. AA10-3925
Component Name: 12ea. ROCKER ARMS Details: RE-BUSH. BURNISH. GRIND TOE.

The component identified above was repaired and inspected in accordance with current FAA Regulations and found airworthy for return to service.

Cylinder Mfg. ECI Model 2-470 Class Ref. 48

Sale Order No. 15-7636 Note: _____

Cylinder Bore Type: ☐ Steel / Nitride ☐ Channel Chrome
☒ Nickel Carbide ☐ Cermet Chrome

I certify that the work performed to the component(s) identified above was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

Details are on file at this agency under WO # _____ Date 6/10/15

Certification No. [REDACTED] Signature [REDACTED]

Avian Aeronautics, Inc.
SERVICEABLE REPAIR