

The Standard

ENGINE LOG

ASA-SE-1



The Standard

ENGINE LOG

ASA-SE-1

Engine Record General Information

Manufacturer Lycoming Model 0-320

Serial 2754-27 Type Certificate _____

This engine is currently installed in aircraft N30AK

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

CARB - P/N 10-3678-32 S/N AS 2792

DATE 1996	RECORDING TACH TIME	TODAY'S 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.)
9-26-96	0.0			I CERTIFY THAT THIS ENGINE HAS BEEN OVERHAULED IN ACCORDANCE WITH THE LYCOMING OVERHAUL MANUAL C/W SB 240 N REPLACEMENT OF PARTS AT OVERHAUL. INSTALLED NEW CRANKSHAFT P/N 13B27022 S/N V29085. CYL. ASSY'S O/H BY BROWN AVIATION INC SEE WO# 8534 FOR DETAILS. CAM P/N 74166 O/H BY ROCK AVIATION SEE WO# 1427-3. CARB O/H BY CONSOLIDATED FUEL SYSTEMS P/N 10-3678-32 S/N A 52792 WO# 695114. INSTALLED NEW SLICK IGN. UPGRADE KIT P/N K-4517. INSTALLED NEW (CONT.)

DATE 1996	RECORDING TACH TIME	TODAY'S 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.)
10-7	2.0		2.0	CHANGED OIL. INSPECTED SCREENS NO METAL NOTED. SERVICED WITH SHELL 50 WT MINERAL GROUND RUN LEAK CHECK O.K. [REDACTED]
10-21	7.0		7.0	REMOVE CARB DUE TO ROUGH @ 2450 RPM
10-25	7.0		7.0	INSTALLED REPAIRED CARB P/N 10-3678-32 S/N A5 2792. ADJUSTED IDLE SPEED AND MIXTURE. GROUND RUN LEAK CHECK OK. A/C APPROVED FOR RETURN TO SERVICE [REDACTED]
11-5			11.6	1 QT Aeroshell 50 WT

DATE 19 <u>96</u>	RECORDING TACH TIME	TODAY'S 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.)
11-26	23.3		23.3	CHANGED OIL. INSPECTED SCREEN - NO METAL NOTED SERVICED WITH SHELL SDWT MINERAL GROUND RUN LEAK CHECK OK
3/1	46.4		55.6	CHANGED OIL. INSPECTED SCREEN - NO METAL SERVICED WITH AERO SHELL SDWT A.D. GROUND RUN LEAK CHECK O.K.
6/25			74.7	CHANGED OIL. INSPECTED SCREEN NO-METAL GATS AERO SHELL SDWT AD.

DATE 19 <u>97</u>	RECORDING TACH TIME	TODAY'S 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.)
7/18			77.7	REMOVED LEAKING CRANKSHAFT OIL SEAL. INSTALLED NEW SPLIT type Seal. GROUND Run LEAK CHECK OK. [REDACTED]
8/22			83.3	Removed CARB Due to EXCESSIVE Fuel Consumption AND ENG. ROUGHNESS INSTALLED REPAIRED CARB P/N 10-3678-32 S/N AS 2792 SEE CONSOLIDATED Fuel Systems INC WDH 897007 [REDACTED]

DATE 19 <u>97</u>	RECORDING TACH TIME	TODAY'S 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.)
9/40			95.7	LAPPED #3 intake Valve Due to Low Compression. CHANGED OIL. Inspected screen no metal. SERVICED with AeroShell 100W [REDACTED]
10/19			104.2	I certify that this ENGINE HAS BEEN INSPECTED IN ACCORDANCE with an ANNUAL INSPECTION AND WAS DETERMINED to BE in an Airworthy Condition. AO thru AO 97- 15-11. Compressor #1/78 #2/78 #3/76 #4/78 [REDACTED] [REDACTED]

DATE 19 <u>92</u>	RECORDING TACH TIME	TODAY'S 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.)
3-5			118.5	CHANGED OIL, CLEANED AIR FILTER SERVICED WITH AEROSOL WD [REDACTED]
4-16			126.1	C/W AD 98-01-06 INSTALLATION OF ONE PIECE VENTURIE IN CARB. FOUND P.C.W By AD 93-18-03 A/C APPROVED FOR Return to SERVICE. [REDACTED]
4-16			126.1	C/W AD 98-02-08 INSPECTION OF CRANKSHA N/A Due TO 150 HP. A/C APPROVED FOR Return to SERVICE [REDACTED]

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAY'S 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.)
<u>6/18</u>			<u>161.3</u>	
<u>7/3</u>			<u>141.3</u>	C/W OIL CHANGE. SERVICED WITH Aeroshell W 100 [REDACTED]
<u>9/18</u>			<u>161.3</u>	C/W AD 98-17-11 CRANK SHAFT REPAIRED By NELSON BALANCING SERVICE. N/A NEW CRANK SHAFT from Lycoming installed A/C APPROVED FOR RETURN TO SERVICE. [REDACTED]
<u>10/4</u>			<u>161.3</u>	C/W OIL CHANGE. SERVICED WITH Aeroshell 15W-50. INSTALLED AIRMAZE PMA FULL FLOW OIL FILTER AND NEW THERMISTAT (cont)

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE 161.3	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.)
10/4		1.8	163.1	
5/29/99			189.1	CHANGED OIL, INSPECTED FILTER NO METAL CLEANED AIR FILTER SERVICED WITH AEROSHELL 100W [REDACTED] [REDACTED]
9/27/99			221.6	CHANGED OIL, INSPECTED FILTER NO METAL SERVICED WITH AEROSHELL 100W [REDACTED] [REDACTED]
11-1-99			240.1	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A (continued)

DATE 19__	RECORDING TACH TIME	TODAY'S 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.)
				CONDITIONAL INSPECTION AND WAS DETERMINED to be in an AIRWORTHY CONDITION. CLEANED AND GAPPED PLUGS. CHECKED TIMING.
				 6-17-00 CHANGED OIL, INSPECTED FILTER NO METAL SERVICED WITH AERO SNEEL 100W ENGTT 287.1
				1-14-00 CHANGED OIL INSPECTED FILTER NO METAL SERVICED WITH

DATE 19__	RECORDING TACH TIME	TODAY'S 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.)
				AEROSHELL 154 50
				ENG-TT 257.9
				[REDACTED]
				6-11-01 CHANGED OIL INSPECTED Filter
				NO metal. SERVICED with AEROSHELL 100W
				CHANGED intake GASKET #4 cyl.
				ACTT 348.9 [REDACTED]
				11-11-00 I CERTIFY THAT THIS ENGINE HAS BEEN
				INSPECTED IN ACORDANCE WITH A CONDITIONAL
				INSPECTION AND WAS DETERMINED TO BE IN AN

DATE 19__	RECORDING TACH TIME	TODAY'S 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.)
				AIRWORTHY CONDITION. CHANGED OIL SERVICED WITH AEROSHELL 10W-50. CHANGED FILTER. CLEANED AND GAPPED SPARK PLUGS. SET TIMING. ALTT 318.8 [REDACTED]
				3 Feb 2002 I certify that this engine has been inspected in accordance with a conditional inspection and was determined to be in an airworthy condition. CHANGED OIL SERVICED WITH AEROSHELL 10W-50. CHANGED OIL FILTER, CLEANED AIR FILTER. GROUND RUN LEAK CHECK OK ENGTT 361.5 [REDACTED]

DATE 19__	RECORDING TACH TIME	TODAY'S 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.)
7/15/02			388.6	C/W OIL CHANGE SERVICES WITH AEROSHELL 15W-50. INSPECTED FILTER. PATCHED CRACKED AIR PATTIES. [REDACTED]
3/16/03			391.1	I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A CONDITIONAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. [REDACTED]
6/20/03			402.1	CHANGED OIL SERVICES WITH AEROSHELL 100W. INSPECTED FILTER [REDACTED]

[illegible]



Changed oil and filter, inspected old filter and inspected. No defects noted.
Performed compression check #1 78/80, #2 77/80, #3 71/80, #4 77/80.
Ran up aircraft and ops checked. All checks ok.

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

Signed:  Dated: 5/3/05 N#: 30AK

TTSN: 482.5 For more info see w/a # 2446

145 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: (925) 676-5580

STERLING

145 JOHN GLENN DRIVE
CONCORD, CA. 94520
T: (925) 676-2100 F: (925) 676-5580

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW
ANNUAL INSPECTION AND WAS DETERMINED TO BE IN
AIRWORTHY CONDITION.

SIGNED: 

DATE: 5-3-05

TTIS: 482.5 TSMOH:

REG.# N 30AK

, Repairs and Alterations

ing and Certificate Number of Technician or Repair
entries.)

LOST BLANK

DATE 19 <u>2006</u>	RECORDING TACH TIME	TODAY'S 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.)
JUN 24	17:54:07	(FROM PILOT LOG)	17:54:07	CHANG OIL (PILINGS 20-5000) CHX & CHX'S ROUTE CHX & CHX'S ROUTE. CHX CHX LOOKS (75, 70 60, 70/80) HAS THE NOG INTAKE & EXHAUST SYSTEMS & CERTIFY THIS WAS INSPECTED ON CONDITION & WAS FOUND TO BE IN A Satisfactory CONDITION
JUL 27	17:36:19	(FROM PILOT LOG)	17:36:19	CHANG OIL (PILINGS 20-5000) CHX & CHX'S ROUTE CHX & CHX'S ROUTE. CHX CHX LOOKS (75, 70 60, 70/80) HAS THE NOG INTAKE & EXHAUST SYSTEMS, FUEL & OIL NOGOS. THIS WAS INSPECTED ON CONDITION & WAS FOUND TO BE IN A Satisfactory CONDITION

DATE	RECORDING TACH TIME	TODAY'S 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 NOV 19				FROM PILOT'S LOG TIME 749.8 OIL & FUEL CHNG PREV BY OWNER CHK C/LC LOGS (65, 66, 60, 65/80) CHK TIMING MAG, INT BOLT INTAKE & EXHAUST SYSTEMS CHK CONTROLS FOR OPERATION, OIL & OIL NOSES THIS ENG INSPECTED UNDER GUIDANCE AC 43.13 APP F & IS CONSIDERED AIRWORTHY ON COMPLETION [REDACTED]
DEC 1 2009				FROM PILOT LOG TIME 789.8 OIL/FUEL CHNG PREV. BY OWNER CHK C/LC LOGS (70, 75, 55, 70/80) CHK MAG TIMING, INTAKE & EXHAUST SYSTEMS. CHK CONTROLS FOR OPERATION. LUBR/CHK PLUGS. CHK FUEL & OIL NOSES. THIS ENG INSPECTED IN ACCORDANCE W/ AOC SET FORTH IN AC 43.13 APP F & IS CONSIDERED AIRWORTHY. [REDACTED]

DATE 19 2010	RECORDING TACH TIME	TODAY'S 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.)
NOV 2				FROM DUTY LOG TIME 080.1 OIL & FILTER CHANG BY OWNER PREVIOUSLY CHG TILTED LAW LVL WORKLOGS (76, 75, 30, 70/80) CHG INTAKE & EXHAUST SYSTEMS CONTROLS FOR OPERATION, PROP, ALT CONT. THIS ENG INSPECTED UNDER GUIDELINES SET FORTH IN AC 43.13 APP F & IS CONSIDERED <u>UNIMPAIRED</u> ON CONDITION. - #3 CHG REMOVED FOR REPAIR [REDACTED]
NOV 8				#3 CHG REPLACED AFTER REPAIR BY AIRCRAFT MAINTENANCE ENGINEER (SAN LOUIS) REPAIRED 2010 ALSO GASKETS & BOLTS NECESSARY FOR REPAIR (ONLY) GRIND RUN & CHG FOR LOGS. ENGINE RETURNED TO SERVICE. [REDACTED]

[illegible]

Pacific States Aviation

51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400

Repair Station No. CPFR948C



Engine

Date: 1/07/2013; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs; Tach: 1046.00; Total Time: 1046.00; Engine - Type: Lycoming O-320, S/N: 2754-27 Time: 1046.00, SMOH: 1046.00
Shop Order #: 12-16340

1. C/W annual inspection on engine I/A/W P.S.A checklists.
2. Submit oil sample.
3. Compressions 1. 76/80 2. 75/80 3. 72/80 4. 76/80
4. Cut and inspected filter. and installed ne Ch48110-1 oil filter
5. Filled with 8 qts of Phillips X/C 20/50 Oil
6. Cleaned, gapped and rotated spark plugs.
7. Checked Magneto timing.
8. Replaced return tube and elbow on #1 Cyl.
9. Resecured hardware on oil sump flange.
10. Installed new pushrod housing and seal on #3 Cyl.
11. Installed new spark plug in #3 cylinder top position.

I certify that this aircraft/component has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the
w [REDACTED] Pacific States Aviation under the above work order number.

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Pacific States Aviation

51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400

Repair Station No. CPFR948C



Engine

Date: 7/24/2013; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs; Tach: 1046.40; Total Time: 1046.40; Engine - Type: Lycoming O-320, S/N: 2754-27, Time: 1046.40, SMOH: 1046.40
Shop Order #: 13-16542

Changed oil with 8 qts of x/c 20w-50. Also replaced filter with new one p/n CH48110-1.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. ~~Relevant details are on file at Pacific States Aviation~~ Pacific States Aviation under the above work order number.

Signed: [Redacted]
Pacific S

Pacific States Aviation

51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400

Repair Station No. CPFR948C



Engine

Date: 12/20/2013; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs; Tach: 1046.40; Total Time: 1046.40; Engine - Type: Lycoming O-320, S/N: 2754-27, Time: 1046.40, SMOH: 1046.40
Shop Order #: 13-16712, Closed: 3/18/2014

Engine removed and preped for shipment.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. ~~Relevant details are on file at Pacific States Aviation~~ Pacific States Aviation under the above work order number.

DATE: MAR-04-2014

W.O.#: S8084

HOBBS: N/A

TACH: 1046.40

TOTAL TIME: (Unknown)

TSMOH: 1046.40

PACIFIC CONTINENTAL ENGINES, INC.

10500 Airpark Way, Bldg M10

Pacoima, CA 91331

FAA Approved R.S. #TZ3R885L

MODEL: RV-6

S/N: 21153

REG. #: N30AK

ENG. MOD: O-320 (A2B)

ENG. S/N: 2754-24

PERFORMED ITEMS (1 through 4)

1. This engine was removed by Pacific States Aviation (KCCR) for a propeller strike inspection. This is an in-service time continued repair. All engine accessories were reused in as-is condition unless noted below. This engine may have EXPERIMENTAL ONLY modifications to it. All work performed by PCE was done so in an FAA or OEM approved manner.

2. This engine was partially disassembled for inspection. NDT inspection rejected the following items: (8) 72877 lifters for face corrosion pitting. No other defects were noted at this time. Crankshaft front flange run out measured 0.002". Exchange overhauled lifters p/n 72877 were provided by Aircraft Specialties Services on w/o# 220146 dated 07/24/2013. Customer cylinders were re-installed in as-is condition per customer request. Customer magnetos m/n's 4373 and 4371 s/n's 95030126 and 95020021 were 500 hour inspected in accordance with Champion Aerospace manual L1363F. Complied with the following Lycoming service bulletins: MSB475C, MSB505B, and MSB530B.

3. The following new parts were installed at this repair: 1-SL13792 seal, 8-61662 bearing, 2-SL13884 bearing, 4-18D26100 bearing, 1-69371-1 gasket set, 8-SL12186 nut, 8-SL78027 bolt, 4-LW13923 bushing, 1-AELSTD-2213 bolt, 3-STD2167 bolt, 1-STD2168 nut, 1-LW18639 lockplate, 4-SL13790A shaft, 8-74637 bushing, 8-SL12892 button, 4-STD1196 hose, 8-LW15592-8-24 clamp, 1-68757 shaft, 1-SL1028B ball, 1-68668 spring, 1-MS16625-1081 ring, 1-AA48110-1 filter, 1-STD1199 pin, 4-AELSTD2180 hose, 8-LW15592-5-05 clamp, 1-72078 plate, 4-66610P005 bushing, 7-1102 plug, 1-STD1211 plug, 2-M3827 gear, 2-K3008 gear, 1-AM3215 brush, 1-M3215 brush, 2-M3081 contact, M2556 pin, 2-M3020 screw, 2-M2556 key, and miscellaneous attaching hardware.

4. This engine was repaired and inspected in accordance with [REDACTED] 3, and current regulations of the Federal Aviation Administration and is approved for return [REDACTED]

John P. Jackson

DATE 19 ____	RECORDING TACH TIME	TODAY'S 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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Pacific States Aviation

51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPFR948C



Engine

Date: 3/14/2014; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs:; Tach: 1046.40; Total Time: 1046.40; Engine - Type: Lycoming O-320, S/N: 2754-27, Time: 1046.40, SMOH: 1046.40
Shop Order #: 13-16712, Closed: 3/18/2014

1. Outside Repair Completed: 3/11/2014

Item: O-320, S/N: L-2754-27

Repaired By: Pacific Continental Engines Inc. PO #: 14-6682

2. Installed original engine after prop strike inspection was completed. Installed using attaching hardware and rigged accordingly. Performed engine run and leak check with satisfactory results.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the
w [REDACTED] s Aviation under the above work order number.

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DATE 19__	RECORDING TACH TIME	TODAY'S 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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Pacific States Aviation

51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPFR948C



Engine

Date: 3/14/2014; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs:; Tach: 1046.40; Total Time: 1046.40; Engine - Type: Lycoming O-320, S/N: 2754-27, Time: 1046.40, SMOH: 1046.40
Shop Order #: 14-16797, Closed: 3/18/2014

1. C/W annual inspection on engine I/A/W P.S.A checklists.
2. Compressions 1.78 /80 2.75 /80 3. 77/80 4. 75/80
3. Cut and inspected filter. and installed ne Ch481-1 oil filter
- 4 Filled with 8 qts of Aeroshell 15w/50 oil
- 5 Cleaned, gapped and rotated spark plugs.
- 6 Checked Magneto timing.

I certify that this aircraft/component has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the
w [REDACTED] Pacific States Aviation under the above work order number.

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Pacific States Aviation

51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPFR948C



Engine

Date: 11/01/2013; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs:; Tach: 1046.40; Total Time: 1046.40; Engine - Type: Lycoming O-320, S/N: 2754-27, Time: 1046.40, SMOH: 1046.40
Shop Order #: 13-16650

Performed oil and filter change serviced with philips 20/50 8 qts, and filter with p/n- ch48110-1 and safty wired.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed:
Pacific

Pacific States Aviation

51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPFR948C



Engine

Date: 5/09/2014; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs:; Tach: 46.50; Total Time:; Engine - Type: Lycoming O-320, S/N: 2754-27, Time:; SMOH:

Performed oil change serviced with new oil filter P/N CH48110-1 and Phillips X/C 20W/50.
Serviced all spark plug as customer requested. Ops check good and cowl engine.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed:
Pacific

- Pacific States Aviation
51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPFR948C



Engine

- Date: 10/10/2014; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs:; Tach: 1046.40; Total Time: 1046.40; Engine - Type: Lycoming O-320, S/N: 2754-27, Time: ~~1046.40~~ ^{ACU} ^{ACU} SMOH: ~~1046.40~~
Shop Order #: 14-17082
- Performed oil change serviced with new oil filter PN CH48110-1 oil philips 20W50. Serviced spark plugs, leak check good. Inflated and checked inflation on both main tires.
This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.
- Signed: [Redacted Signature]
- Pacific [Redacted Signature]

- Pacific States Aviation
51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPFR948C



Engine

- Date: 5/07/2015; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs:; Tach: 1230.00; Total Time: 1230.00; Engine - Type: Lycoming O-320, S/N: 2754-27, Time: 1230.00, SMOH: 1230.00
Shop Order #: 15-17345
- Performed conditional engine inspection per P.S.A. checklist, also serviced the engine with 7 qts. of Phillips XC 20W50 and oil filter P/N CH48110-1 ops check good.
- Performed ELT inspection per FAR 91.207(d), replaced the battery with new P/N 6521 ops check good new battry expires May 2017.
Removed and replaced all cylinder rocker cover gaskets with new P/N RG-75906.
- Tightened the oil tube dipstick and saftied it.
- I certify that this aircraft and/or component has been inspected, repaired, and or overhauled in accordance with current FAA Regulations and was determined to be in safe condition for operation and approved for return to service.
- [Redacted Signature]

Pacific States Aviation

51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400

Repair Station No. CPFR948C



Engine

Date: 8/28/2015; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs:; Tach: 1270.00; Total Time:; Engine - Type: Lycoming O-320, S/N: 2754-27, Time:; SMOH:

Shop Order #: 15-17509, Closed: 9/15/2015

Performed oil change by servicing engine with 7 quarts of Phillips XC 20W50 engine oil, and new oil filter, P/N CH48110-1. Performed leak check, no leaks, ops check good
This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed:
Pacific S



ENGINE MODEL
ENGINE S/N
REG NO N30AK
WORK ORDER
0181-01-2016



Repair Station No CPFR948C
51 John Glenn Drive
Concord, CA 94520
Phone (925) 685-4400

DATE 14 January 2016
A/C TSN
ENG TT
TSMOH
FLIGHTTIME

Engine Entries

(1) Perform oil change.... Performed oil change and serviced the engine with 8 qts of Phillips XC 20W50 oil and new oil filter PN-
Ch48110-1. Performed ground run for leak test and no issues noted at this time.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION
REGULATIONS, AIRCRAFT MANUFACTURES MAINTENANCE MANUALS AND/OR COMPONENT MANUFACTURES MAINTENANCE MANUALS
AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE, FOR THE WORK PERFORMED ABOVE

DATE: 14 January, 2016

SIGNED:

PACIFIC STATES
Certified Repair S



Work Order: 0181-01-2016

Printed by EBis 3 (datcomedia.com)

DATE

19

ENGINE MODEL
ENGINE S/N
REG NO N30AK
WORK ORDER
0646-12-2016



Repair Station No. CPFR948C
51 John Glenn Drive
Concord, CA 94520
Phone: (925) 685-4400

DATE 23 December 2016
A/C TSN 112
ENG TT
TSMOH
FLIGHTTIME 112

Engine Entries

- Removed and replaced oil filter with new P/N: CH48110-1 and serviced engine with 8 quarts of Phillips X/C 20W-50.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS, AIRCRAFT MANUFACTURER'S MAINTENANCE MANUALS, AND/OR COMPONENT MANUFACTURER'S MAINTENANCE MANUALS AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. THE WORK PERFORMED ABOVE:

DATE: 23 December, 2016

SIGNED:

Ammar Nazir
Certified Repairman

Work Order: 0646-12-2016

by EBis 3 (datcomedia.com)

DATE

19

ENGINE MODEL
ENGINE S/N
REG NO N30AK
WORK ORDER
0383-06-2016



Repair Station No. CPFR946C
51 John Glenn Drive
Concord, CA 94520
Phone (925) 685-4400

DATE: 10 June, 2016
A/C TSN 112
ENG TT
TSMOH
FLIGHTTIME 112

Engine Entries

(2) Engine Conditional Inspection.... Complied with engine conditional inspection. Serviced the engine with 7 qts of Phillips XC 20W50 and new oil filter PN- Ch48110-1, Performed engine run and leak check with no defects noted at this time. Refer to PSA Annual check list and Lycoimng MM for work performed.

Engine Cylinder Compression as follows: 1- 78/80, 2-76/80, 3-75/80, 4-77/80.

(4) Oil Sample / Analysis Due... Complied with engine oil sample and submit it for analysis.

(6) Cylinder #1 and #4 rocker cover gasket is leaking.... Torqued all rocker cover gasket screws.

(7) Cylinder #1 exhaust side push rod seal is leaking.... Removed rocker cover and gained access to exhaust side push rod on cylinder #1. Replaced both seals with new P/N- LW18661 and 70310 on exhaust side of push rod shroud tube. Reinstalled exhaust side push rod and shroud tube and rocker cover. Performed engine ground run up for leak check. no issues found at this time. Refer to Lycoming overhaul manual section 6-18 for work performed.

(8) Cylinder #2 both push rods seals are leaking.... Removed rocker cover and gained access to both side push rods on cylinder #2. Replaced both seals with new P/N- LW18661 and 70310, on both exhaust and intake side push rod shroud tube. Reinstalled both exhaust and intake side push rod and shroud tube and rocker cover. Performed engine ground rup for leak check. no issues found at this time. Refer to Lycoming overhaul manual section 6-18 for work performed.

(9) Cylinder #3 baffle is missing some hardware.... Installed new hardware on cylinder #3 baffle.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS, AIRCRAFT MANUFACTURES MAINTENANCE MANUALS, AND/OR COMPONENT MANUFACTURES MAINTENANCE MANUALS AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. FOR THE WORK PERFORMED ABOVE.

DATE: 10 June, 2016

SIGNED:

PACIFIC STATES
Certified Repa

Work Order: 0383-06-2016

y EBis 3 (datcomedia.com)

DATE: APRIL 14, 2017

ts, Repairs and Alterations

ating and Certificate Number of Technician or Repair
ific entries.)

RESEARCH OF RECORDS REVEALS THE FOLLOWING
TOTAL TIMES FOR AIRCRAFT N30AK:

- TT AIRFRAME = 1671.3
- TT PROPELLER = 676.3 (3-BLADE CATTO)
- TT ENGINE = UNKNOWN (O-320-A2B SN 2754-27)
- TTSO-ENGINE = 1671.3



PET

DATE	RECORDING	TODAY'S	TOTAL	Description of Inspections Tests Repairs and Alterations
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19.

ENGINE MODEL
O-320-A2B
ENGINE S/N: 2754-27
REG NO N30AK
WORK ORDER
0758-04-2017



51 John Glenn Drive
Concord, CA 94520
Phone: (925) 685-4400

DATE 19 June 2017
A/C TSN 1671 3
ENG TT
TSMOH 1671 3
FLIGHTTIME 1671 3

Repair

Engine Entries

- Performed engine oil change and serviced the engine with 8qts of Phillips XC-20W50 engine oil and new oil filter P/N-CH48110-1.
- Replaced all spark plugs with new P/N-REM38E.
- Installed a new carburetor heat cable assy P/N-A-740.

THE AIRCRAFT IDENTIFIED ABOVE WAS REEVALUATED IN ACCORDANCE WITH THE CURRENT FEDERAL AVIATION REGULATIONS, AIRCRAFT MANUFACTURE AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. THE AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH THE MANUFACTURER'S MAINTENANCE MANUALS AND THE FAA'S AIRCRAFT INSPECTION MANUAL FOR THE WORK PERFORMED ABOVE.

DATE: 19 June, 2017

SIGNATURE

Ammar

Work Order: 0758-04-2017

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DATE 19__	RECORDING TACH TIME	TODAY'S 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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ENGINE MODEL
O-320-A2B
ENGINE S/N 2754-27
REG NO N30AK
WORK ORDER
0987-10-2017



Repair Station No. CPFR948C
51 John Glenn Drive
Concord, CA 94520
Phone (925) 885-4400

DATE 04 October 2017
A/C TSN 1690 6
ENG IT
TSMOH 1671 3
FLIGHTTIME 1690 6

Engine Entries

Drained engine oil and serviced engine with eight quarts of Phillips XC 20W50 engine oil and new filter P/N- CH48110-1

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAI
REGULATIONS AIRCRAFT MANUFACTURER'S M
AND WAS FOUND TO BE IN AN AIRWORTHY CO

DATE: 04 October, 2017

SIGNED:

Ammar Nazir
Certified Repa

INT FEDERAL AVIATION
ACTURER'S MAINTENANCE MANUALS
OR THE WORK PERFORMED ABOVE

Work Order: 0987-10-2017

Printed by EBis 3 (datcomedia.com)

DATE 19__	RECORDING TACH TIME	TODAY'S 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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ENGINE MODEL
O-320-A2B
ENGINE S/N 2754-27
REG. NO N30AK
WORK ORDER
1132-02-2018



Repair Station No. CPFR948C
51 John Glenn Drive
Concord, CA 94520
Phone (925) 685-4400

DATE 06 February, 2018
A/C TSN 1690 6
ENG TT
TSMOH 1671 3
FLIGHTTIME 1690 6

Engine Entries

Performed oil change and serviced the engine with 8 qts of Phillips XC20W50 and new oil filter P/N-CH48110-1.

THE AIRCRAFT IDENTIFIED ABOVE WAS
REGULATIONS AIRCRAFT MANUFACTUR
AND WAS FOUND TO BE IN AN AIRWORT

NT FEDERAL AVIATION
ACTURER'S MAINTENANCE MANUALS
FOR THE WORK PERFORMED ABOVE.

DATE: 06 February, 2018 SIGN

Work Order: 1132-02-2018

Amm
Certifi

Printed by EBis 3 (datcomedia.com)

DATE 19__	RECORDING TACH TIME	TODAY'S 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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ENGINE MODEL:
O-320-A2B
ENGINE S/N. 2754-27
REG. NO. N30AK
WORK ORDER
1292-07-2013

Repair Station No. CPFR948C
101 John Glenn Drive
Concord, CA 94520
Phone: (925) 685-4400

DATE 01 September, 2018
A/C TSN: 1763
ENG TT: 1763
TSMOH: 1763
TACH 917

Engine Entries

- Performed Annual condition inspection on engine.
Cylinder compressions- 1-65/80, 2-74/80, 3-60/80, 4-76/80.
- Performed oil change and Serviced the engine with 8qts of Phillips XC 20W50 and new oil filter PN- Ch48110-1. Removed finger suction screen and cut opened old oil filter and inspected for contamination, none found.
- Drilled and re riveted carb heat flap mount with cherry max CR3212-5-02. Re Rigged carb heat control.
- Performed engine post run up.

I certify that this aircraft has been inspected in accordance with the requirements of the applicable regulations and is in condition for safe operation.

DATE: 01 September, 2018

SIGNED:

Ammar Naz
Certified Repairman

condition for safe

Order: 1292-07-2018

3 (datcomedia.com)

DATE 19__	RECORDING TACH TIME	TODAY'S 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
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Date: 9/13/2019; Aircraft: N30AK; Type: RV-6; S/N: 21153; Tach: 155.70; Total Time: 1918.70; Engine - Type: Lycoming O-320, S/N: 2754-27, Time: 1763.00, SMOH: 1763.00

Shop Order #: 19-17896

Engine

Performed Annual Engine condition inspection.

Performed oil change and serviced the engine with 8qts of Phillips XC20W50 and new oil filter P/N-CH48110-1. And cut open and inspected the oil filter for any FOD.

Removed and replaced cylinder #3 intake gasket with new P/N-71973.

Repaired and installed a new helicoil at cylinder #3 bottom sparkplug.

I certify that
of appendix

in accordance with the scope and detail
condition for safe operation.

DATE

19

Specification of Inspections Tests Repairs and Alterations

Repair

Date: 10/16/2020; Aircraft: N30AK; Type: RV-6; S/N: 21153; Tach: 155.70; Total Time: 1918.70; Engine - Type: Lycoming O-320, S/N: 2754-27, Time: 1763.00, SMOH: 1763.00

Shop Order #: 20-18245

Engine

Performed Annual engine condition inspection.

Cylinder compressions- 1-72/80, 2-78/80, 3-77/80, 4-78/80.

Performed oil change and serviced the engine with 8qts of Phillips XC20W50 and new oil filter P/N-CH48110-1. And cut open and inspected the oil filter for any FOD. Removed and replaced oil dipstick gasket with new P/N-72059.

I certify that this work complies with the scope and detail of appendix D for safe operation.

Pacific States A

DATE

19

Description of Inspections, Tests, Repairs and Alterations

Date: 10/07/2021; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs:; Tach: 289.20;
Total Time: 2052.20; Engine - Type: Lycoming O-320, S/N: 2754-27, Time: 2052.20,
SMOH: 2052.20

Shop Order #: 21-18560

Engine

Performed Annual Engine Condition Inspection per Vans RV checklist.

Cyl Compressions: Cyl #1- 71/80, Cyl #2- 70/80, Cyl #3- 72/80, Cyl #4- 75/80.

Performed oil change and serviced the engine with 7qts of Phillips XC20W50 and
new oil filter P/N-AA48110-2. And cut open and inspected the oil filter for any FOD.
None found at this time.

Removed and replaced CYL#1 and CYL#3 exhaust gaskets with new P/N- 77611.

Removed and replaced CYL #3 intake gasket with new P/N- 71973.

I certify that
of appendix

in accordance with the scope and detail
of the work for safe operation.

Pacific State

2022-27

Description of Inspections, Tests, Repairs and Alterations

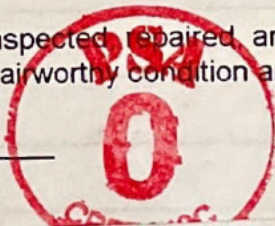
Pacific States Aviation
CPFR948C
925-685-4400

Date: 10/21/2022; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs;; Tach: 354.70; Total Time: 2117.70; Engine -
Type: Lycoming O-320, S/N: 2754-27, Time: 2117.70, SMOH: 2117.70

Shop Order #: 22-18915

Engine
Performed annual engine inspection per FAR 43 Appendix D. Cyl Compressions: Cyl #1- 76/80, Cyl #2- 77/80,
Cyl #3- 71/80, Cyl #4- 79/80. Performed oil change and serviced the engine with 8qts of Phillips XC20W50 and
new oil filter P/N-AA48110-2. Cut open and inspected the oil filter for any FOD. None found at this ime. Replaced
all eight push rod tube gaskets with new gaskets P/N LW-18661 and 70310 and new locking tabs P/N LW-
12272. Replaced all four rocker cover gaskets with new

I, [REDACTED] has been inspected, repaired, and or overhauled in accordance with
and is deemed to be in airworthy condition and approved for return to service.



DATE 19__	RECORDING TACH TIME	TODAY'S 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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Pacific States Aviation

CPFR948C

925-685-4400

Date: 3/03/2023; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs:; Tach: 378.20; Total Time: 2117.70

Shop Order #: 23-19070, Closed: 3/06/2023

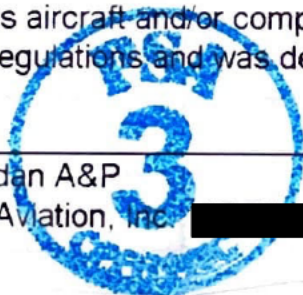
AIRFRAME

Found brake reservoir tabs broken. Had brake reservoir welded by Joe Lamont Welding & Fabrication. Reinstalled brake reservoir and bled left and right side brakes. Performed leak check, no discrepancies found at this time.

I certify that this aircraft and/or component has been inspected, repaired, and or overhauled in accordance with current FAA Regulations and was determined to be in airworthy condition and approved for return to service.

Joe Berdan A&P

Pacific States Aviation, Inc.



Pacific States Aviation

CPFR948C

925-685-4400

Date: 3/10/2023; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs:; Tach: 379.6; Total Time: 2117.7; Engine -
Type: Lycoming O-320, S/N: 2754-27, Time: 2117.7, SMOH: 2117.7

Shop Order #: 23-19081

ENGINE

Performed oil change and serviced the engine with 8qts of Phillips XC20W50 and new oil filter P/N-AA48110-2.
Leak check performed, no discrepancies found at this time. Cut open and inspected the oil filter for any FOD.
None found.

I certify that this aircraft and/or component has been inspected, repaired, and or overhauled in accordance with
current Regulations and was determined to be in airworthy condition and approved for return to service.

John Jordan A&P
Pacific States Aviation, Inc.



IS

f Technician or Repair

DATE

19

Pacific States Aviation

CPFR948C

925-685-4400

pair

Date: 11/21/2023; Aircraft: N30AK; Type: RV-6; S/N: 21153; Hobbs:; Tach: 394.8; Total Time: 2157.8; Engine - Type: Lycoming O-320, S/N: 2754-27, Time: 2132.9, SMOH: 2132.9

Shop Order #: 23-19341

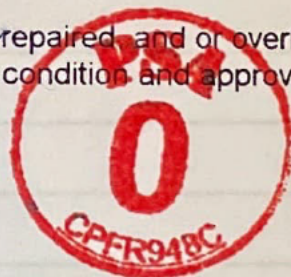
Engine

Performed 100 hour engine inspection IAW FAR 43 Appendix D. Researched ADs through 11/20/2023. Performed oil change and serviced the engine with 8qts of Phillips XC20W50 and new oil filter P/N-AA48110-2. Cut open and inspected the oil filter for any FOD. None found at this time. Cyl Compressions: Cyl #1- 73/80, Cyl #2- 76/80, Cyl #3- 71/80, Cyl #4- 78/80, I certify this Engine has been inspected IAW 100 Hr. inspection and found to be in airworthy condition. Timed magnetos to 25 before TC. Tightened oil filler neck and safetied. No discrepancies found after leak check. Removed and replaced push rod TUBES with new seals PN : LW18661 and PN : 70310. Performed leak check. No further discrepancies found at this time. Tightened nuts after mag timing, ans no leaks found after leak check. Removed and replaced push rod tube with new PN : 68987.

ected, repaired, and or overhauled in accordance with
orthy condition and approved for return to service.

Michael J. Coburn, D.O.M.

Pacific States Aviation, Inc. CPFR948C



SERVICE BULLETINS

[illegible]

DATE 19 96	A.D. NUMBER	TOTAL TIME IN SERVICE TSO	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
9-26-96	55-02-02	0.0	INSTALLED CORRECT GASKET
9-26-96	59-10-07	0.0	INSTALLED CORRECT BAFFLES
9-26-96	63-23-02	0.0	N/A 1/2" VALVES INSTALLED
9-26-96	64-16-05	0.0	N/A Fuel Pump P/N
9-26-96	73-23-01	0.0	N/A By ENG S/N
9-26-96	75-08-09	0.0	N/A By DATE of O/M
9-26-96	87-10-06RC	0.0	N/A By ENG S/N
9-26-96	91-14-22	0.0	CLW AS PER S.B. 475
9-26-96	92-12-05	0.0	N/A DATE of O/M
9-26-96	93-11-11	0.0	N/A P/N Fuel Pump
9-26-96	95-26-02	0.0	N/A By A/C REGISTRATION
9-26-96	96-04-10	0.0	N/A By OIL Pump P/N

DATE 19 <u>97</u>	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
9-30-97	97-01-03	95.7	Piston Pins N/A By DATE of O/H
9-30-97	97-15-11	95.7	Piston Pins N/A By DATE of O/H
4-16-98	98-01-06	126.1	ONE PIECE VENTURI P.C.W
4-16-98	98-02-08	126.1	CRANK INSP N/A By H.P.
10-30-99	98-17-11	237.8	CRANKSHAFT - N/A NEW CRANKSHAFT installed at OVERHAUL

Airworthiness Directives

Chronological Listing of Compliance and Method of Compliance

[REDACTED]