

★ TELEDYNE CONTINENTAL
**Gold
Medallion
Aircraft
Engine**



REBUILT ENGINE LOG

N 3439Q 44

AIRCRAFT N NUMBER

TS10 520 B 12 B

ENGINE MODEL NUMBER

176606-R

ENGINE SERIAL NUMBER

LH

This engine model TB10520B12B, Serial No. 176606R,
was rebuilt on 08-12-92 by Teledyne Continental Motors in
accordance with approved design data and the applicable requirements
of Part 21 of the Federal Aviation Regulations. The approved design data
for this engine incorporates all changes required by applicable Air-
worthiness Directives and Teledyne Continental Motors Service
Bulletins.

TELEDYNE CONTINENTAL MOTORS

Walter Fogue

 **TELEDYNE CONTINENTAL MOTORS**
Aircraft Products

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER		
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.					
10-14-92			14	06	55.0	This engine has been installed in #1 position on Cessna 320A N3439D with all new or rebuilt accessories and all new flexible lines with fuel line protection. It has been ground run & flight checked and appropriate adjustments made									
												I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A REPAIR ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.			
												STEVEN D. PINLEY A&P 564665307IA			
												Steve D Rly			
11-16-92			14	15	587.7	Change Oil & filter. Service with AeroShell 15/W 50									
												Steve D Rly A&P 564665307			
BROUGHT FORWARD															
TOTALS															
														1043.	

ENGINE LOG

DATE	R.P.M		HOURS	LICENSE NUMBER
	Ground	Flight		
April 5, 1993			N3439Q W.O. 943 HR: 1043 L/H ENGINE	
			Oil and filter changed, Aeroshell 15W50 used.	
			Compression: 1. 76/80 2. 75/80 3. 79/80 4. 77/80	
			5. 77/80 6. 75/80	
			<u>William C. Meek</u>	
			THOMASON AIRCRAFT CORPORATION	
			16700 ROSCOE BOULEVARD	
			VAN NUYS, CALIFORNIA 91406	
			F.A.A. REPAIR STATION	
			TOZR224L	
			N3439Q 8-10-93 WO 1195 1125. Hrs.	
			1) Oil & filter changed; Aeroshell 15W-50.	
			<u>William C. Meek</u>	
			THOMASON AIRCRAFT CORPORATION	
			16700 ROSCOE BOULEVARD	
			VAN NUYS, CALIFORNIA 91406	
			F.A.A. REPAIR STATION	
			TOZR224L	
BROUGHT FORWARD				
TOTALS				

ASE CF

ENGINE LOG

October 14, 1993 N3439Q W.O.#1322 1149 Hrs.

DATE

SIGNATURE

LICENSE
NUMBER

A.D. 93-16-15 complied with P/N 653359, drive coupling
installed.

THOMASON AIRCRAFT CORPORATION

16700 ROSCOE BOULEVARD

VAN NUYS, CALIFORNIA 91406

E.A.A. REPAIR STATION

TOZR224L

William P. Noctor

William P. Noctor

12-3-93 N3439Q W.O. #1335

1174

Left engine. Oil and filter changed, Aeroshell 15W50.
Crankshaft seal replaced.

THOMASON AIRCRAFT CORPORATION

16700 ROSCOE BOULEVARD

VAN NUYS, CALIFORNIA 91406

E.A.A. REPAIR STATION

TOZR224L

William P. Noctor

William P. Noctor

BROUGHT FORWARD

TOTALS

Oil and filter changed, Aeroshell 15W50.

THOMASON AIRCRAFT CORPORATION
16700 ROSCOE BOULEVARD
VAN NUYS, CALIFORNIA 91406
F.A.A. REPAIR STATION
TOZR224L

6-1-94 N3439Q W.O. #4094 Hrs. 1277.4

Oil and filter changed, Aeroshell 15W50. (12) RHB
32S spark plugs installed.


William P. Noctor

THOMASON AIRCRAFT CORPORATION
16700 ROSCOE BOULEVARD
VAN NUYS, CALIFORNIA 91406
F.A.A. REPAIR STATION
TOZR224L

BROUGHT FORWARD

TOTALS

LICENS
NUMBE

9-20-94 N3439Q W.O. #4235 Hr: 1329 TSMOH: 374.

Oil and filter changed, Aeroshell 15W50.

William C. Malt

THOMASON AIRCRAFT CORPORATION
16700 ROSCOE BOULEVARD
VAN NUYS, CALIFORNIA 91406
F.A.A. REPAIR STATION
TOZR224L

11/29/94 N3439Q W.O. #4436 Hrs. 1381

Oil and filter changed, Aeroshell 15W50.

William C. Malt

THOMASON AIRCRAFT CORPORATION
16700 ROSCOE BOULEVARD
VAN NUYS, CALIFORNIA 91406
F.A.A. REPAIR STATION
TOZR224L

BROUGHT FORWARD

TOTALS

2-16-95 N3439Q W.O. 5033 Hour: 1408 TT: 3361

Oil and filter changed Aeroshell. THOMASON AIRCRAFT CORPORATION

16700 ROSCOE BOULEVARD

VAN NUYS, CALIFORNIA 91406

F.A.A. REPAIR STATION

TOZR224L

NTS

SIGNATURE

LICENSE
NUMBER

William C. Mc

16 MAR 95 TOTAL TIME = 457.6
HOBBS = 1422.6

① #2 CYL INDICATING APPROX. 50°F HIGHER CHT - NO VISIBLE
DEFECTS NOTED - SWAPPED #2 & #4 PROBE POSITIONS,
PLACARDED INST. PANEL AS TO CHANGE & ADVISED OWNER.

6-23-95 HOBBS 1472.0

CITROGUE OIL - SERVICED WITH 11 qts of Aeroshell
15W50. Filter inspection checked okay. Oil Sample taken

END

Adrian B. Az. # 8564987077

BROUGHT FORWARD

TOTALS

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
4/3/95	HOBBS		15	22	1						DRAINED OIL, Removed & Replaced oil FILTER. Inspected old FILTER, NO CONTAMINATION FOUND. Serviced with 11 QTS. AEROSHELL 15W-50. oil sample taken AT THIS time cleared, Inspected, & Rotated spark plugs. Compression check as follows: #1 68 #2 68 #3 69 #4 71 #5 70 #6 69. <i>Richard Holden AMP 570633469</i> END		
4/22	Hobbs		15	42	0						Oil filter removed for contamination inspection. No unusual contamination found. Installed a new oil filter. END <i>Adam B. Hap 4564987022</i>		
BROUGHT FORWARD													
TOTALS													

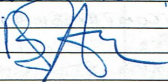
ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
12/21/95			HOBBS 1566.4								Removed & Replaced THROTTLE CONTROL CABLE with new. P# 9910268-9.		
											END		
23 FEB 96			HOBBS = 1578.8 SMOH = 623.8								① DRAINED OIL, REMOVED FILTER CUT-OPEN & INSPECTED NO CONTAMINANTS FOUND, REPLACED OIL FILTER WITH NEW & SAFETIED, SERVICED ENGINE WITH 11 QT AEROSHELL 15W50. OIL SAMPLE TAKEN AT THIS TIME.		
											Kevin Danham AP566 696384		
											END		
3-11-96			HOBBS 1581.7								① ADJUSTED AND SET ENGINE DRIVEN FUEL FLOW PUMP PRESSURE IN ACCORDANCE WITH TEAM S.B. M89-10		
											END		
											Adam B. Wolf AP564 887022		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
APR 29	HOBBS = 16	4.6				① CLEANED & GAPPED SPARK PLUGS.							
	TSMOH = 65	9.6				② TIMED MAGNETOS							
						③ CLEANED INDUCTION AIR FILTERS & AIR/OIL SEPARATORS							
						④ CLEANED FUEL STRAINERS SCREENS & FUEL NOZZLES.							
						⑤ COMPRESSION AS FOLLOWS					1 65/80	2 71/80	3 71/80
											4 65/80	5 70/80	6 69/80
						⑥ APPLIED CHAFF PROTECTION TO FLUID/ELECTRICAL LINES.					16mi Down AP 566 69 63 84		
APR 26	HOBBS = 1614.6					I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED							
	TSMOH = 659.6					IN ACCORDANCE WITH AN ANNUAL INSPECTION							
						AND WAS FOUND TO BE IN AN AIRWORTHY							
						CONDITION					16mi Down AP/566 69 63 84/1A		
						END							
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
5/15/96		Hobbs			1626.4						CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR CONTAMINATION. SERVICED ENGINE WITH A/S. CLEANED, GRAPED AND TESTED LOWER PLUGS. BOREDROP CYLS. WASHED ENGINES OPS & LEAK CHECK GOOD	 Coastal Air Maintenance Repair Station #AG3R370L 385 Airport Drive San Luis Obispo, CA 93401 (805) 544-4664	
7-5-96		Hobbs			1667.2						Cleaned all fuel injector nozzles. Replacing all o-ring seals and rubber washers with new.		
											and		
											Adams B. 4567987072		
031-96		Removal									engine SN 176606-12 from N3439P due to prop strike.		
Hobbs					1711.6								
TET					756.4								
BROUGHT FORWARD												 KJ Gibbs Senior Center UT3R931C	
TOTALS													

[illegible]

ENGINE LOG

LICENSE
NUMBER

DATE

97
7-1

L/H

A/C Model Cessna 320E**GIBBS SERVICE CENTER**Date 7-01-97S/N 320E-0039Montgomery Field, San Diego, CA 92123
FAA Approved Repair Station #VT3R931LReg. No. N3429QW.O. # 16488TCM TSIO-520-BEng. S/N 176606-R Eng. S/N -0-Hobbs 0000.00TET 756.9R/H Engine -0- L/H Engine -0-SMOH -0-

The aircraft and/or component identified above repaired/replaced and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the Repair/Replacement are on file at this agency under Order No. 16488

Date 7-01-97

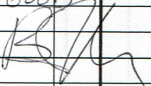
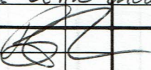
Signed

JEFF RUNYON

Reinstalled engine 176606-R in left hand position of N3439Q after overhauled by CRS PF3R760L. Engine installed using new engine mount bolt lock tabs. Weld repaired # 1, 3, 5 exhaust @ AFT bellows. Replaced airbox door magnet repaired control arm. Cleaned and serviced air filter. Serviced unfeathering accumulators. Repaired air inlet duct support in nacelle. Serviced engine with 13 qts of Aeroshell 50 Non Detergent oil. Propeller governor S/N 749936 overhauled at CRS ZY2R362L, propeller S/N 930402 Overhauled at CRS AQ3R380L. Cleaned engine and cowl. Runup Ok. No leaks. Annual inspection completed.

BROUG

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
8/21/97	HOBBS		38	5							INSTALLED NEW GASKET AT PROP. GOVERNOR. OPS & LEAK CHECK OK		
9/5/97	HOBBS		48	2							CHANGED OIL AND FILTER. SERVICED WITH A/S W-100. (WASHED) ENGINE. REPLACED #6 CYL ROCKER COVER GASKET LEAK CHECK GOOD		
12/2/98	HOBBS		72	2							REPLACED PUSHROD TUBE SEALS #1, #4 & #6 CYLS. REMOVED PAINT FROM PUSHROD TUBE END. RE-ASSEMBLED AS REQUIRED USING NEW GASKETS. LEAK CHECK OK.		
BROUGHT FORWARD													
TOTALS													

Coastal Air Maintenance
 Repair Station #AG3R370L
 985 Airport Drive
 San Luis Obispo, CA 93401
 (805) 544-4664

ENGINE LOG

[illegible]

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD
Aircraft, Engine, Propeller, Rotor, or Appliance Make CONT.

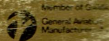
N 3439Q
Model TS10520B11 Ser.No. _____

AD Number	R	Subject	Date and Airframe Total Time In Service et Compliance	Method of Compliance	One-Time	Recurring	Next Comp. Due Date/Hours	EFFECTIVE DATE
		ENGINE	TS10 520B11	SN176605	R		R/H	
			TS10 520B12	SN176606	R		L/H	
69.18.05		SCAVENGE PUMPS		DNA BY SN	X			4 SEP 69
71.09.03		FUEL PUMP LEAKAGE		DNA BY SN	X			29 APR 71
72.24.03		HTC OIL ADAPTER		DNA - NOT INSTALLED	X			15 NOV 72
75.09.13		TURBO OIL ADAPTER		DNA BY SN	X			24 APR 75
77.13.22		CRANK CASE		DNA BY SN	X			22 JUL 77
79.05.09		OIL PRESS. LOSS		DNA BY SN	X			12 MAR 79
80.01.04		CYL FLANGES		DNA TCM REM.	X			25 JAN 80
81.24.06		FUEL PUMP		DNA BY DOM	X			23 NOV 81
86.13.04	3	CYL FAILURES		DNA BY SN	X			24 FEB 88
87.23.08		CRANK CRACKS	2900	INSPE./TCM REMAN		X	O/H	30 NOV 87
88.03.06		TCM OIL FILTERS	14 OCT 92	DNA - NOT INSTALLED	X			15 APR 88

 TELODYNE CONTINENTAL MOTORS
Aircraft Products

P. O. BOX 90, MOBILE, ALABAMA 36601

Form No. 63051



 The **LEFT** **ENGINE LOG**

ASA-SE-2

Engine Record General Information

Manufacturer TCM

Model TS10-520B

Serial 176606 R

Type Certificate E8CE

This engine is currently installed in aircraft: N3439Q 320E0039

Minimum Octane Fuel 100LL

Oil Grade Summer

Winter

Magneto Time

Point Setting

Firing Order

Spark Plug Gap

Manufacturer's Recommended Overhaul at _____ hours

YEAR DATE	RECORDING TAOH 11/29/00 TIME 11/5/0	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.)
11/29/00	115.7			I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN <u>ADWORTHY</u> CONDITION. SIGNATURE <u>[Signature]</u> CERTIFICATE NUMBER <u>AP592014898IA</u>
11-29-00	115.7			ALL ENGINE AD'S AR COMPLIED WITH TO DATE. M. Bridg AP554730156

YEAR 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.)
				DATE <u>6/3/02</u> TACH TIME <u>148.3</u> THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS ARE ON FILE UNDER W. O. # <u>verb 1</u> SIGNED: <u>Dave D. Shybo</u> A & P. 459027713 I. A. All engine A.D.'s complied with this date. <u>D. B.</u>

YEAR 2003 DATE 4-18-03	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.)
				Chg. OIL 12 qts Shell 50-100 OIL FILTER 108
				DATE 6/18/03 TACH TIME 158.7 THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS ARE ON FILE UNDER V. O. # Verbal 54511888 ADP DA
				Chg. OIL + FILTER Shell 50/100

Tom's Aircraft Phone 1-562-426-5331

Maintenance Inc FAX 1-562-426 1052

2641 E Spring Street * Long Beach Int'l Airport * Long Beach, CA 90806

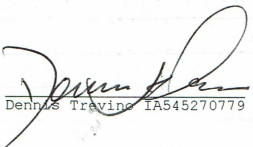
N3439Q Hobbs: 138.0 S.O.# 03-12811 6/5/03

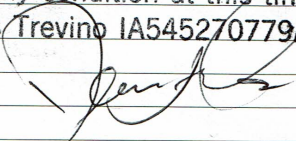
LH ENGINE:

Removed propeller governor for repair by Truespeed Governors.
Reinstalled and test ran for leaks and operation, all okay. This
engine is approved for return to service.

TOM L. JACOBSON FAA REPAIR STATION VTMR569K

6/13/04

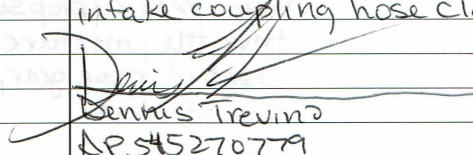
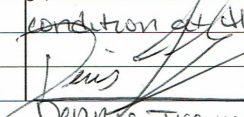
YEAR 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-27-07	138.			Inland Valley Aviation, LLC 7000 Merrill Ave, Chino, CA
				08/27/04 Hobbs 138.0 LE
				#1 70/80 #2 70/80 #3 72/80 #4 72/80 #5 72/80 #6 60/80
				Clean, gap, inspect plugs. Checked timing. Resealed waste gate fitting. No new AD applicable. C/W AD00-01-16 Exhaust inspection, no cracks found at this time. AD04- 08-10 ECI n/a.
				I certify this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition at this time.
				 Dennis Trevino IA545270779

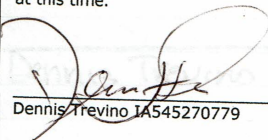
YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-20-05			175.3	Date <u>8-20-05</u> Tach <u>175.3</u> I certify this <u>ENGINE</u> has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in an airworthy condition at this time. Dennis Trevino IA545270779AP 

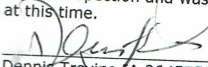
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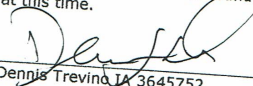
YEAR <u>2006</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/31	188.7			Chg. OIL + FILTER Shell 50-100
DEC, 1, 06				SERVICED OIL AND Filter 100 wt CH48109 Serviced sparkplugs.
1 64				
2 66				
3 65				
4 72				
5 68				
6 54				
				Date <u>DEC 1, 06</u> Tach _____ I certify this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in an airworthy condition at this time. Dennis Trevino 1A545210779A7

YEAR 07 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.)
5-5-07	211.4			Chg. oil & FILTER 12 qt's SHELL 100 FILTER 48109
02/28/08			237.1	I certify this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition at this time. Dennis Trevino Dennis Trevino 1A545270779

YEAR 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.)
03/05/08				Serviced oil, cleaned screen, oil sample taken. Tightened #4 cylinder intake coupling hose clamp.
1 21/80				 Dennis Trevino A545270779
2 73/80				
3 79/80				
4 74/80				
5 76/80				
6 75/80				
1/23/2009			264.4	Cleaned, gapped, inspected spark plugs. Serviced oil (12 qts Aeroshell 100w+) and filter (C#48108-1).
1 7/80				I certify this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition at this time.  Dennis Trevino A545270779
2 6/80				
3 70/80				
4 6/80				
5 7/80				
6 7/80				

YEAR 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.)
				Inland Valley Aviation, Inc 7000 Merrill Ave, Chino, CA 91710
				05/05/2010 Hobbs 302.5 N3439Q LE
				#1 64/80 #2 64/80 #3 74/80 #4 70/80 #5 65/80 #6 70/80
				Cleaned, gapped, inspected spark plugs. Installed new throttle body boot. Serviced oil and filter.
				I certify this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition at this time.
				 Dennis Trevino IA545270779

YEAR 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.)
				Inland Valley Aviation, Inc 7000 Merrill Ave, Chino, CA 91710 10/01/2011 Hobbs 349.9 N3439Q LE #1 72/80 #2 64/80 #3 72/80 #4 64/80 #5 64/80 #6 72/80 Cleaned, gapped, inspected spark plugs. Serviced oil (12 qts. Phillips 100AW) and filter (CH48109-1). I certify this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition at this time.  Dennis Trevino IA 3645752

YEAR 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.)
				Inland Valley Aviation, Inc 7000 Merrill Ave, Chino, CA 91710 02/26/2013 Hobbs LE #165/80 #262/80 #375/80 #470/80 #572/80 #667/80 Exhaust inspection per AD 00-01-06 LH engine- removed exhaust elbow and turbo wye from slip joints aft, inspected for erosion- found ok, reinstalled pipes, air box. Serviced oil (12 qts 100AW) and filter (CH48109-1). Installed new ARB351 vacuum filter. Cleaned, gapped, inspected spark plugs. I certify this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition at this time.  Dennis Trevino IA 3645752

ENGINE MODEL:
TSIO-520-B
ENGINE S/N (L): 176606-R
REG. NO: N3439Q
WORK ORDER: 26976

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

AAM

American Aircraft Maintenance, Inc.

Repair Station No. Z5SR421Y
19711-B Campus Drive
Santa Ana, CA 92707
Phone: (949) 852-8420

DATE: 6/4/2014
A/C TSN: 4063.7
ENG TT (L): 1163.9
TSMOH (L): 407.3
HOBBS: 407.3

operations
number of
entries.)

Left Engine Entries

Complied with an Annual/100 HR inspection in accordance with FAR Part 43, Appendix D, using Cessna Aircraft Company Model 320D thru 320F Service Manual Inspection Charts as a guide. Changed oil and filter, serviced with Aeroshell 100W oil. Filter opened and inspected, no contamination found. Leak check satisfactory. All Airworthiness Directives are in compliance at this time through bi-weekly issue 2014-10. Compressions #1 70/80, #2 50/80, #3 applicable, SAP cylinders not installed. AD2012-10-13 not applicable, starter adapter has more than 100 hours time in service.... AD2014-05-29 is not

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR. IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 6/4/2014

SIGNED:

Richard Sanchez
Certified Repair Station No. Z5SR421Y

Work Order: 26976

Printed by EBis 3 (datcomedia.com)

N3439Q

Hobbs: 463.0

04/18/15

Drained oil. Inspected it and filter - nothing found. Added 10 qts, Exxon Elite 20W50 oil and installed new Champion CH48109-1 filter. Ran up checked for leaks. All operations found satisfactory.

California Aero Marketing, LLC
27022 Cordero Lane

Mission Viejo, CA 92691 949 582 8284

F. W. Holstein, Jr. IA1320918

left

N3439Q Hobbs: 484.9 1247.5 TT 484.9 SMOH

09/13/15

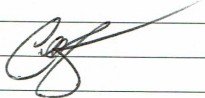
Compression: #1 50/80 #2 43/80 #3 57/80 #4 64/80 #5 67/80 #6 61/80
Drained oil. Inspected it and filter - nothing found. Installed new Champion
CH48109-1 filter and added 10qts Phillips 66 X/C20-50M mineral oil. Removed and
reinstalled alternator P/N 1100723 S/N 2020111 after overhaul by Aircraft Electrical
Components under their W.O. 69269 dated 18/Aug/2015. See FAA Form 8130-3
attached for details of this overhaul. Removed and reinstalled both magnetos and
timed to engine after 500 hour inspection by Aircraft Electrical Components under their
W.O. 69271 and 69272 dated 18/Aug/2015. See FAA Forms 8130-3 attached for
details of these inspections. Installed new Tempest sparkplugs P/N URHB32E.
Removed and reinstalled cylinders #1 and #2 after repair by Tim's Aircraft Engines
under their W.O. INV 9390 dated 11/Aug/2015 in accordance with Continental
Overhaul Manual. Note: installed P30 pushrods intake positions and standard
pushrods both exhaust positions. Replaced seals on upper deck manifold assembly
and replaced fuel nozzle O rings cylinders 1,2,4, and 6. See FAA Form 8130-3 attached
for details of the cylinder repairs. Installed new RAPCO regulator filter P/N RA-B3-5-1.
Ran up, checked for leaks. All operations found satisfactory. Owner provided a copy
of Continental Service Bulletin M89-7R1 dated 4 August 1989 Subject: Engine
Operation After Cylinder Replacement and/or Major Overhaul to properly break in the
repaired cylinders.. ADs checked. *ALSO INSTALLED LORD VIBRATION ISOLATORS
P/N J-9613-SB ALL 4 POSITIONS. FWH*

I certify that this engine has been inspected in accordance with an ANNUAL
inspection and was determined to be in airworthy condition.

California Aero Marketing, LLC
27022 Cordero Lane
CA 92601 949 582 8284


F. W. Holstein, Jr. IA1320918

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YEAR 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.)
12 Feb 2016	N 34390	TACH: 520.4	SN0# 520.4	Drained engine oil Removed oil filter Added 10 Quarts Acrosnell 20W50 Engine oil Added 10 Quarts oil Added CH48109 oil filter Ran engine with no leaks noted. Curtis North 3116356 AD 

YEAR 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.)
				Inland Valley Aviation 7000 Merrill Ave. A335/Box 87 Chino, CA. 91710 01/10/2018 N3839Q Hobbs 626.6 LE #1 73/80 #2 72/80 #3 O/H'd #4 60/80 #5 O/H'd #6 58/80 No oil serviced at this time. Serviced spark plugs. Cleaned air filter. Checked Mag timing. Repaired broken Deice boot connectors on #2 blade boot. Reinstalled #3 and #5 cylinders after overhaul by Corona Aircraft Engines WO# H276, reinstalled all components that were removed. Engine run up- Found no leaks at this time. C/W AD 00-01-16 Exhaust inspection- para B, C, D, E- B NEXT DUE 676.6, C-NEXT DUE 01/2019, D NEXT DUE 1126, E NEXT DUE 01/2019. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time.  Dennis Trevino IA3645752

Inland Valley Aviation
7000 Merrill Ave. A335/Box 87 Chino, CA. 91710

340712019 N3439Q Hobbs 717.2 LE

#1 74 #2 72 #3 56 #4 52 #5 70 #6 48/80

Low cylinders meet TCM orifice test on Compression
tester. 45/80 was low for ring leakage. Serviced 11 qts phil
100 AW oil, 1 qt Camguard oil additive, and tempest
4448109 filter. Cleaned air filter, serviced spark plugs.
Replaced clamps on 3 intake couplers. Installed new
propeller deice brushes RAB40189. Propeller accumulator

new hose at governor rubbing on mount- Fabricated new hose
assy and installed serviced accumulator.

CMV AD 00-01-16 Exhaust inspection Part B next due 04/19 or 767.2 (30days or 50Hr), Part C due 03/2020 or 817.2 (100HR), Part D due 03/2020 or 817.2 (100HR), Part E due 817.2 (100HR)

certify this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time.

Dennis Trevino IA3645752

pections, Tests, Repairs and Alterations

sed with Name, Rating and Certificate Number of
Facility. (See back pages for other specific entries.)

[illegible]

ons
f
s.)

YEAR 10/20 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.)
01 OCT	880.2		880.2	CHANGE OIL AND FILTER, CHECK SENSORS
				BLACKSTONE JOAT sample sent
			12053	SHELL 100 AD PLUS oil w/ CAMGUARD

AOG
MAINTENANCE

AOG MX LLC
1585 Aviation Center Parkway, Suite 900
Daytona Beach, FL 32114

N3439Q
9/8/2021

A/C TOTAL TIME:	4614.2
TACH TIME:	958.2
RH ENG TTIS:	3786.1
RH ENG STMOH:	64.0
RH PROP TTIS:	UNK
RH PROP TSMOH:	842.5

LH ENG TTIS:	1715.1
LH ENG TSMOH:	958.2
LH PROP TTIS:	UNK
LH PROP TSMOH:	810.2

I certify that this LH ENGINE - Cont. TSIO-520-B S/N: 176806 has been
inspected in accordance with an Annual Inspection, as per 14CFR43 Appendix D, where applicable,
and was found to be in an airworthy condition at the time of inspection.

CNN AD 77-13-22 R1 (Crankcase cracks) by visual inspection with no defects noted, next due at tach time: 1058.2. Removed upper spark plugs. Performed leak down compression test. Results as follows: #1-60, #2-60 #3-60, #4-60, #5-60, #6-60. Removed, cut & inspected old oil filter with no defects noted. Installed and safety wired new 10448108-2 oil filter. Removed, cleaned, gapped, rotated, and reinstalled spark plugs. Torqued spark plugs and reinstalled high-tension leads. Removed #6 Cylinder to lapped valves and reinstalled cylinder. Replaced the following: #6 Cylinder base O ring P/N 641066, #6 & 4 Cyl rocker cover gasket P/N RG-534857, and #6 cyl intake gasket P/N 626413. Serviced engine w/ 12 qts. Aeroshell W100 plus Engine Oil. Performed post maintenance run-up no further defects noted.

The aircraft, airframe, aircraft engine or appliance identified above was inspected and repaired in
reference to current regulations of the Federal Aviation Administration
and is approved for return to service.

All AD's have been researched and found to be complied with through Bi-Weekly 2021-18.

See AD log for applicable AD's and methods of compliance.

Juan Figueroa

Certificate A&P 3572071IA

