

 **TELEDYNE CONTINENTAL**



Gold Medallion Aircraft Engine

USE ONLY
FUEL
CONFORMING
TO ASTM D910.

USE OF AUTOMOTIVE
GAS IS NOT
APPROVED.

REBUILT ENGINE LOG

N6104R

AIRCRAFT N NUMBER

T510-500C2K

ENGINE MODEL NUMBER

178505R

ENGINE SERIAL NUMBER

This engine model TS10520C2B, Serial No. 178505-R, was rebuilt/zero timed on 01/07/97 by Teledyne Continental Motors in accordance with an FAA approved Quality Control System, using FAA approved Engineering design data and the applicable requirements of FAR Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporated the following Service Bulletins and Airworthiness Directives.

SB	AD	REMARKS	SB	AD	REMARKS
M70-5	70-13-03	**REPLACED WITH NEW PART	M91-10	93-08-17	VISUAL INSPECTION
M77-6	77-05-04	REPLACED WITH NEW PART	N/A	91-19-03	OIL FILTER CHANGE
M77-14	77-13-22	REPLACED WITH NEW PART	M92-6	N/A	ROCKER SHAFT RETENTION IMPROVEMENT
M79-2	79-05-09	REPLACED WITH NEW PART	M92-16	N/A	CRANKSHAFT REPLACED
M80-26	81-24-06	TORQUE CHECK	MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE
M86-7	86-13-04	REPLACED WITH NEW PART	CSB94-1	94-06-09	REPLACED CAPACITOR AS APPLICABLE
M87-5	87-23-08	CRANKSHAFT ULTRASONIC INSPECTION	N/A	94-14-12	N/A
M88-4	88-03-06	REPLACED WITH NEW PARTS	CSB94-15	N/A	CRANKCASE STUD INSPECTION
M90-21	N/A	ULTRASONIC INSPECTION OF BARRELS	N/A	95-21-15	N/A SERIAL NUMBER
M91-7	N/A	ULTRASONIC INSPECTION OF BARRELS	CSB96-8	N/A	REPLACEMENT OF AIRMELT (NON-VAR) CSHAFTS

Records reflecting this rebuilding are on file at Teledyne Continental Motors, P.O. Box 90, Mobile, Alabama, 36601.

TELEDYNE CONTINENTAL MOTORS
PRODUCTION CERTIFICATE NO. 508

Walter Foote

ENGINE LOG

[illegible]

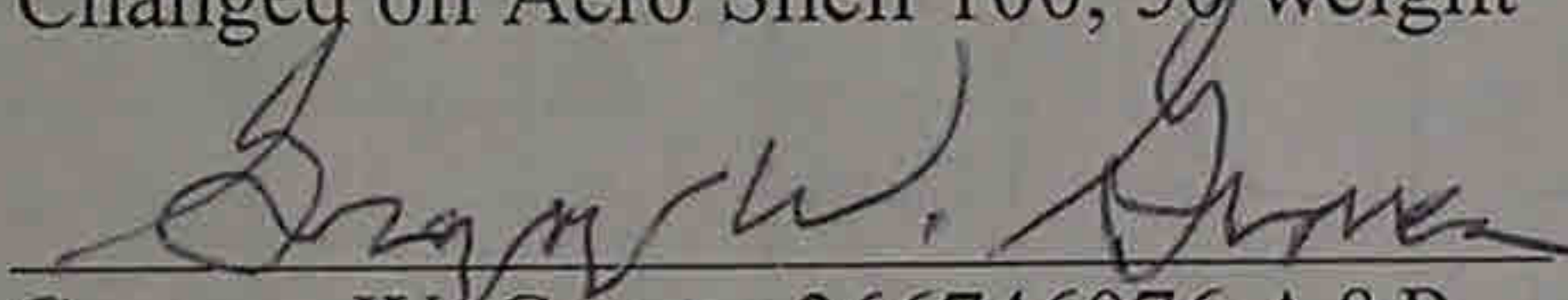
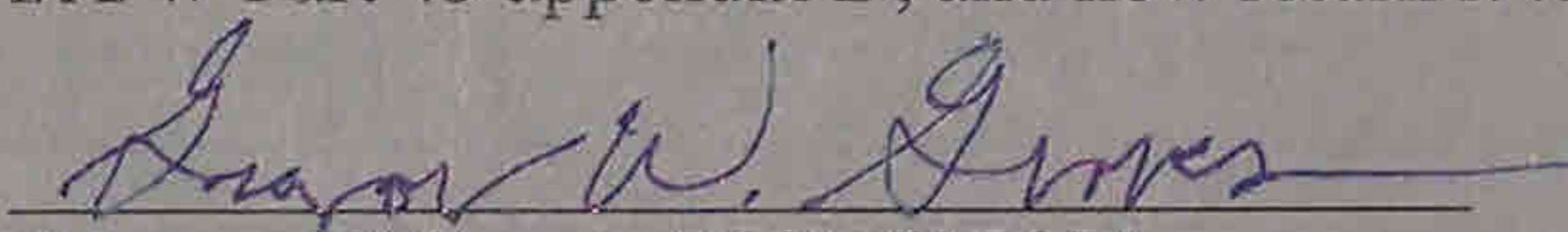
ENGINE LOG

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ENGINE LOG

[illegible]

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.			
8/03/00											7/26/01		
Tach time 849.14											Cessna N6104R / T210-0004		
Installed new oil filter CH48110											Tach Time 884.14 / Engine Time 72.78		
Changed oil Aero Shell 100, 50 weight											Installed new oil filter p/n CH48110		
											Changed oil Aero Shell 100, 50 weight		
Gregory W. Groves 366746076 A&P											Cold compression 1,74 3,75 5,77 2,72 4,74 6,72		
											Checked all AD's through bi-weekly		
											I have inspected this engine I/A/W annual inspection		
											I/A/W Part 43 appendix D, and now return it to service.		
													
											Gregory W. Groves 366746076 IA		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG



SOUTHWEST AVIATION SPECIALTIES, LLC

918/298-4044 Fax 918/298-6930

LOGBOOK ENTRY

Aircraft Reg: N N6104R Aircraft Serial No.: T210-0004
 Date: TACH 903.9 Aircraft Total Time:
 Hobbs: Work Order No.: 02-241

Pertinent Remarks: CHANGED OIL AND FILTER SERVICED WITH 15W50
AEROSHELL OIL CHECKED CYL. COMPRESSIONS #1-76 #2-76 #3-77 #4-77 #5-78
#6-77 REPLACED INDUCTION AIR FILTER WASHED ENGINE GROUND RUN AND
LEAK CHECKED OK I CERTIFY THIS ENGINE AND PROPELLER HAVE BEEN INSP.
I/AW A ANNUAL INSP. AND DETERMINED TO BE IN A AIRWORTHY CONDITION
THIS DATE.

Benny D. Brantley
 CRS # 530R 818N

SIGNATURE

LICENSE
NUMBER

DATE

BROUGHT

ENGINE LOG

DATE

West Bend Air, Inc. 330 Earl Stier Dr. West Bend, WI 53095

Date: 7-22-2002

Aircraft: N6104R

Tach: 922.3

Engine T.T: 111.0

262-334-5603

LICENSE
NUMBER

Oil and filter changed. Serviced engine with 11qts Phillips 20W50 X/C and CH48110 filter. Cut old filter open and checked for contaminates. Engine ran and leak checked.

----- END -----

Signed:

P. E. Hughes

Certificate #:

AeP39184211

West Bend Air, Inc. 330 Earl Stier Dr. West Bend, WI 53095

Date: 11-11-2002

Aircraft: N6104R

Tach: 949.0

Engine T.T: 137.7

262-334-5603

Oil and filter changed. Serviced engine with 11qts Phillips 20W50 X/C and CH48110 filter. Engine ran and leak checked.

----- END -----

Signed:

P. E. Hughes

Certificate #:

AeP39184211

West Bend Air Inc.

330 Earl Stier Drive, West Bend, WI 53095

Date: 7-7-2003

Aircraft: N6104R

A/C Tach: 974.8

Engine T.T: 163.5

262-334-5603

Propeller S.M.O.H: 1054.6

100-Hour Inspection completed this date. Oil and filter changed. Old filter cut open and checked for contaminates. Serviced engine with 11qts Phillips 20W50 and CH48110 filter. Compression as follows: #1- 67/80 #2- 66/80 #3- 72/80 #4-66/80 #5- 75/80 #6- 66/80. External magneto timing checked. Spark plugs cleaned, gapped, tested and rotated. Re-installed spark plugs with new M674 gaskets. Induction and exhaust checked for cracks & leaks. C/W AD 71-09-07R1 by inspection of exhaust components, next due 1024.8. C/W AD 71-24-04 by inspection of flexible hoses, next due 1074.8. C/W AD 96-12-22 & advisory 00-00-01 by inspection and torque check on oil filter adapter, due again next oil change. Secured engine controls and checked for wear. Washed down engine, ran to check proper operation and leak checked. AD 2000-23-21 crankshaft journal fracture N/A by engine S/N.

I certify this engine has been inspected in accordance with a 100-Hour Inspection and was determined to be in airworthy condition.

----- END -----



Signed:

P. E. Hughes

Certificate #:

AeP39184211

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.			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <p>Howell's Aircraft Service 3122 Great Southwest Parkway Grand Prairie Texas 75052 972-988-8609 parts@howellsaircraft.com</p> </div> </div> <p>Registration: N6104R Date: September 1, 2004 Tach: 1069.12 Total Time Engine: 257.82 SMOH 257.82</p> <p>Complied with a 100HR inspection in accordance with Howell's Aircraft inspection form: Compression check #1 70/80 #2 70/80 #3 73/80 #4 72/80 #5 73/80 #6 72/80 Inspected and lubed controls. Inspected and cleaned fuel screens. Cleaned and gapped spark plugs. Changed oil filled with 12 quarts of Aeroshell 50W100 installed a CH4848110-1 oil filter.</p> <p>Washed engine and ran to check for leaks, none noted. I certify that this engine has been inspected in accordance with an <u>100hr</u> inspection and was determined to be in airworthy condition.</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p>Mark Howell A&P 244255955IA</p> </div> </div>													
BROUGHT FORWARD													
TOTALS													

DATE _____

R.P.1

Ground

Aircraft Inspections Repairs

A.I.R.

Aircraft Inspection & Repair LLC

ENGINE

TURE

LICENSE
NUMBER

W/O#:705094 DATE:22, JULY 2005 TACH: 1148.2 N6104R S/N:1148.2
Changed oil & oil filter, serviced with 45 min.

Changed oil & oil filter, serviced with 15 W 50 Aeroshell. Replaced induction air filter
Cleaned fuel injection nozzles. Washed engine ground leak checked OK. Checked
cylinder compressions: # 1: 72/80 # 2: 56/80 # 3: 74/80 # 4: 70/80 # 5: 72/80 # 6: 75/80
Removed cleaned & reinstalled spark plugs. Replaced # 5 cyl. Top spark plug.
I CERTIFY THIS ENGINE HAS BEEN INSPECTED

**I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION
& DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.**

22, July 2005

BARRY BREDENSTEINER/2793773 AP/IA

BROUGHT FORWARD

TOTALS

ENGINE LOG

[illegible]

ENGINE LOG

DATE

G



A.I.R.
Aircraft Inspection & Repair LLC
 R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132
 (918)296-0901

ENGINE

SIGNATURE

LICENSE
NUMBER

W/O#:306039

N6104R

S/N:T2100-0004

TACH: 1165.3

REMOVED # 1 & # 2 CYLINDERS. HAD OVERHAULED BY POWERMASTER
 AIRCRAFT ENGINES AND REINSTALLED WITH NEW RINGS GASKETS AND
 SEALS IN ACCORDANCE WITH TSIO 520 OVERHAUL MANUAL. INTERNAL
 INSPECTION OF CAM LOBES AND LIFTERS SHOWED NO SIGNS OF RUST OR
 CORROSION. REPLACED # 4 & # 6 CYLINDER RISERS AND CLAMPS. REPLACED
 OVERBOARD EXHAUST TAIL PIPE ASSEMBLY. GROUND RUN & LEAK CHECK OK.

DATE: 3/29/2006

Barry Bredensteiner
 BARRY BREDENSTEINER/2793773 AP/IA

BROUGHT FORWARD

TOTALS

ENGINE LOG

DATE

SIGNATURE

LICENSE
NUMBER



A.I.R.
Aircraft Inspection & Repair LLC
R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132
(918)296-0901

W/O#: 606102 N6104R S/N:T210-0004 TACH: 1175.14

Changed oil & oil filter, serviced with 15 W 50 Aeroshell. Took Cylinder compressions:
 #1: 70/80, - # 2: 70/80, - # 3: 73/80, - # 4: 70/80, - # 5: 75/80, - # 6: 73/80. Adjusted magneto
 timing. Cleaned gapped & tested all spark plugs. Washed engine, ground run, & leak checked
 O.K..

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH
AN ANNUAL INSPECTION & DETERMINED TO BE IN AN AIRWORTHY CONDITION
THIS DATE.

Eng T.T 364.3



DATE: 6/19/2006

Barry D. Bredensteiner
 BARRY BREDENSTEINER/2793773 AP/IA

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.																	
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>A.I.R. Aircraft Inspection & Repair LLC R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132 (918)296-0901</p> </div> <div> <p>W/O#: 706130 N6104R S/N:T210-0004 TACH: 1181.8</p> <p>REPLACED LEFT AND RIGHT FORWARD EXHAUST STACK ASSEMBLIES.</p> <p>GROUND RUN, OPERATIONAL CHECK O.K..</p> </div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px;">DATE: 6/19/2006</div> <div>  BARRY BREDENSTEINER/2793773 AP/IA </div> </div>																											
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.			
11-29-06													
N6104R Tach 1212.24 Installed GAMI injector Nozzles. See 337. Changed oil and filter w/ Aeroshell 15W50 Repaired baffles. Washed engine Test ran satisfactory C Michael A&P 521083454													
1-22-07													
Tach 1217.09 SMDH 4166.25 Completed 100hr insp IAW FAR 43 aply D. Checked compression, #1 72/80 #2 74/80 #3 68/80 #4 65/80 #5 64/80 #6 70/80. Changed vacuum pump w/ overhauled unit Rebuilt separator. Cleaned & gapped plugs. I certify this engine has been inspected IAW 100hr insp & was found to be airworthy. C Michael I 521083454 A&P													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

[illegible]

ENGINE LOG

TIME ON

TIME IN



AOG Aircraft Services, Inc.

37900 Cessna Way
Hangar B.
Watkins, CO 80137

Tele: 303-261-4070

Fax: 303-261-4133

LICENSE
NUMBER

Date: 9/26/08/08

N#6104R

Tach Time: 1287.94

Total Time Eng: 476.58

Complied with an Annual Inspection in accordance with FAR Part 43 appen.(d) and Cessna 210/T-210 Series Service Manual as a guide. Drained oil, Removed and checked oil filter for defects, No defects were noted @ this date and time. Washed engine and cowlings. Removed all plugs and fuel injectors. Cleaned injectors in accordance with GAMI Instructions and reinstalled with new seals. Cleaned fuel servo screen and gascolator. Performed a compression test results as follows, #1-73/80, #2-66/80, #3-56/80, #4-60/80, #5-65/80, #6-70/80. Removed engine from aircraft due to turbo unable to maintain MAP at lower rpm's. Removed exhaust system after pressure checking. Sent turbo, waste gate and controller with pop-off valve for repairs. Installed new Knisley stub pipes and clamps due to erosion S/N'S as follows, #1-178334, #2-178342, #3-178324, #4-178335, #5-178349, #6-178326. Removed #4 cylinder due to bent and stripped studs. Installed overhaul cylinder with new rings and gaskets (see yellow tag for more information.) Installed repaired turbo, waste gate and controller to engine. Installed new silicone baffle seal and repaired several cracked baffles. Installed a new main fuel hose with a new Teflon fuel hose (see TSO tag for more info.) Reprimed engine bay as required. Checked engine to magneto timing. Tightened all loose upper deck lines. Secured all loose hoses and wiring on engine. Installed new rocker box cover

CONT. NEXT PAGE →

ENGINE LOG

DATE	TIME ON	TIME IN	DESCRIPTION	NSE	IBER												
			gaskets to #2,#4 and #6 cylinders.Reinstalled engine with new mount isolators, Torqued engine mount bolts to specs. Routed all hoses and controls as required. Checked rigging on controls. Serviced engine with 11 qts of 20W/50 mineral oil. Check ran engine, Leak and operational checks satisfactory @ this date and time. AD's checked through Bi-Weekly 2008-19/20. I certify that this engine has been inspected in accordance with an Annual Inspection and was found to be in an airworthy Condition @ this date and time.-----END-----														
A/P Name:Mark May			I.A. # 505069248 A&P	Date: 9/26/08													
<table border="1"> <tr><td colspan="2">BROUGHT FORWARD</td><td></td><td></td><td></td><td></td></tr> <tr><td colspan="2">TOTALS</td><td></td><td></td><td></td><td></td></tr> </table>						BROUGHT FORWARD						TOTALS					
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.			



AOG Aircraft Services, Inc.

Tele: 303-261-4070

Fax: 303-261-4133

37900 Cessna Way
Hangar B.
Watkins, CO 80137

Date: 6/10/09

N#6104R

Tach Time: 1331.78

Total Time: ~~1331.78~~ **531.84**

Complied with an Annual Inspection in accordance with Cessna 210/T-210 Service Manual Checklist and FAR Part 43 appen.(d) Drained oil and removed oil filter, No defects were noted @ this date and time. Installed a oil filter and serviced with 11 qts of Phillips 20/W/50 oil Performed a compression tests results as follows, #1- 72/80, #2-65/80, #3-61/80, #4- 62/80, #5- 63/80, #6- 62/80, Cleaned injector screen and gascolator. Lubed wastegate and checked engine to magneto timing. Check ran engine, Leak and operational checks satisfactory @ this date and time. AD's checked through this date. I certify that this Engine has been inspected in accordance with an Annual Inspection and was found to be in an Airworthy Condition @ this date and time.-----END-----

A/P Name: Mark May

Mark May

I.A. # 505069248 A&P

Date: 6/10/09


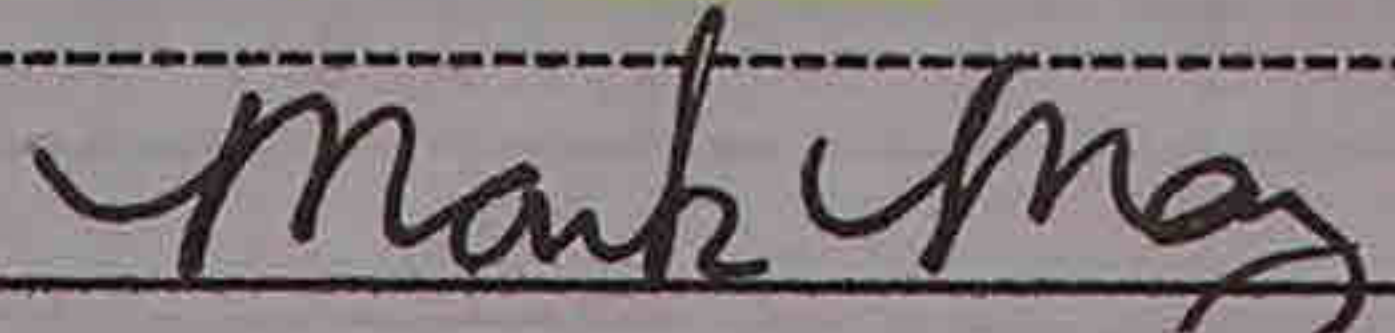
BROUGHT FORWARD

TOTALS

ENGINE LOG

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ENGINE LOG

R.P.M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME	REPAIRS AND RECOMMENDATIONS	SIGNATURE	LICENSE NUMBER	
		AOG Aircraft Services, Inc.			37900 Cessna Way Hangar B. Watkins, CO 80137		
		Tele: 303-261-4070 Fax: 303-261-4133					
Date: 6/24/2011		N#6104R		Tach Time: 1432.65		Total Time Eng: 621.29	
<p>Complied with an Annual Inspection in accordance with FAR Part 43 appen.(d) and Cessna 210/T-210 Series Service Manual as a guide. Drained oil, Removed and checked oil filter for defects, No defects were noted @ this date and time. Washed engine and cowlings. Removed all plugs and fuel injectors. Cleaned injectors in accordance with GAMI Instructions and reinstalled with new seals. Cleaned fuel servo screen and gascolator. Performed a compression test results as follows, #1-73/80, #2-32/80, #3-74/80, #4-76/80, #5-54/80, #6-68/80. Removed #2 cylinder due to burned exhaust valve and worn guides. Installed an overhauled cylinder with new rings and gaskets(see yellow tag for more information.) New compression 74/80. C/W AD# 2005-12-06 TCM/Bendix magneto coupling inspection, Next due in 500 hrs TSLI. AD# 2010-11-04 N/A, No lifters changed in the effected time. Pressure checked exhaust Serviced engine with 11 qts of 20W/50 mineral oil. Check ran engine, Leak and operational checks satisfactory @ this date and time. AD's checked through Bi-Weekly 2011-12 I certify that this Engine has been inspected in accordance with an Annual Inspection and was found to be in an airworthy Condition @ this date and time.</p>							
-----END-----							
A/P Name: Mark May				I.A. # 505069248 A&P		Date: 6/24/2011	

7375 S. Peoria St.
Hangar 9 Suite 105
Englewood, CO 80112

Epic Aviation Services

Tele: (303) 768-8010
Cell: (303) 880-5060

Date: March 17, 2012

N#6104R

SMOH: 649.54

Tach Time: 1460.90

Removed cylinders #5 (S/N: unknown) and #6 (S/N: unknown) due to low compression and installed overhauled cylinders with new rings and pistons for #5 (P/N: 649317, S/N: 99025-2) and #6 (P/N: 649317, S/N: 99025-1). Cylinders were overhauled by Gibson Aviation (Repair Station: AV2R704K). Test ran engine with no discrepancies noted.

Work was performed IAW TSIO-520 MM and Cessna 210 MM. This engine was determined to be in an airworthy condition.

Jeremy Webb A&P 2735411



BROUGHT FORWARD

TOTALS

R.P.

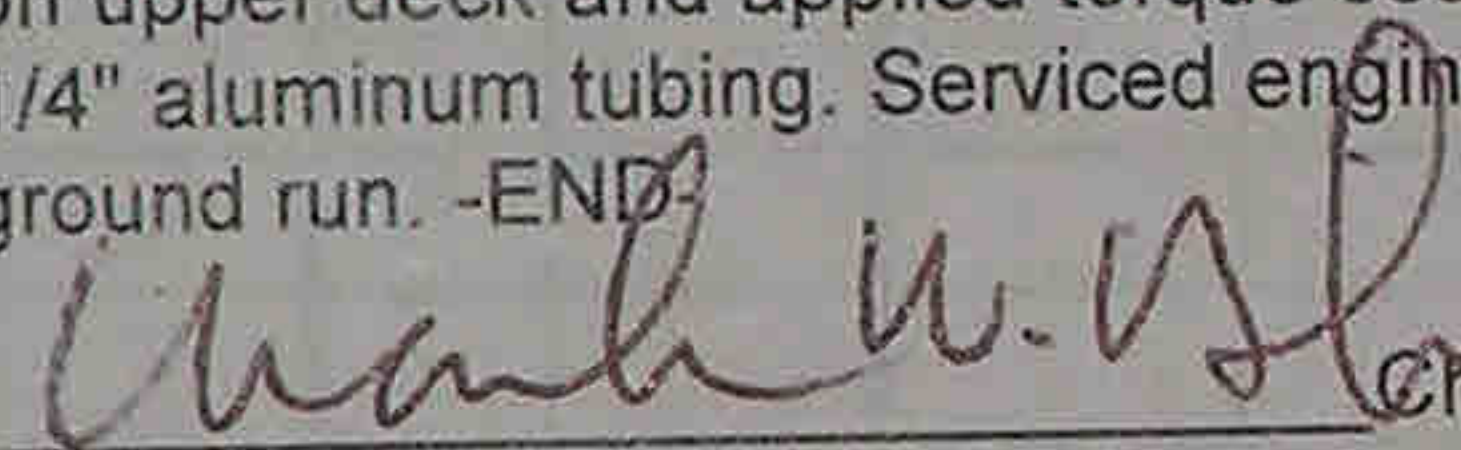
Precision Aircraft and Engine Services Inc.

7625 S Peoria St D14, Englewood, CO 80112

ENGINE 1

Date: 4/20/2012; Aircraft: N6104R; Type: T210F; S/N: T210-0004; Hobbs:; Tach: 1461.13; Engine - Type:
, S/N:, Time:, SMOH:

Installed new boss o-ring, P/N MS28778-4, and new aluminum washers, (2) P/N AN901-4, on inlet fitting of exhaust waste gate controller. Installed new boss o-ring, P/N MS28778-6, and new aluminum washers, (2) P/N AN901-6, on outlet fitting of exhaust waste gate controller. Removed oil cooler from engine and cleaned parting surfaces. Installed oil cooler with new gasket, P/N 654554, and new lock washers on bolts. Tightened all fuel injector lines at flow divider and fuel injectors and applied torque seal. Tightened all nuts on upper deck and applied torque seal. Repaired induction system drain line by splicing in new section of 1/4" aluminum tubing. Serviced engine with 10 quarts of Aeroshell 100 oil. Leak checked engine after ground run. -END



Charles W. Hicks AP3205377

TURE

LICENSE
NUMBER

FORWARD

TOTALS

ENGINE LOG

**BRUNGARD
AVIATION, LLC**

Engine Logbook Entry

AIRCRAFT: N6104R

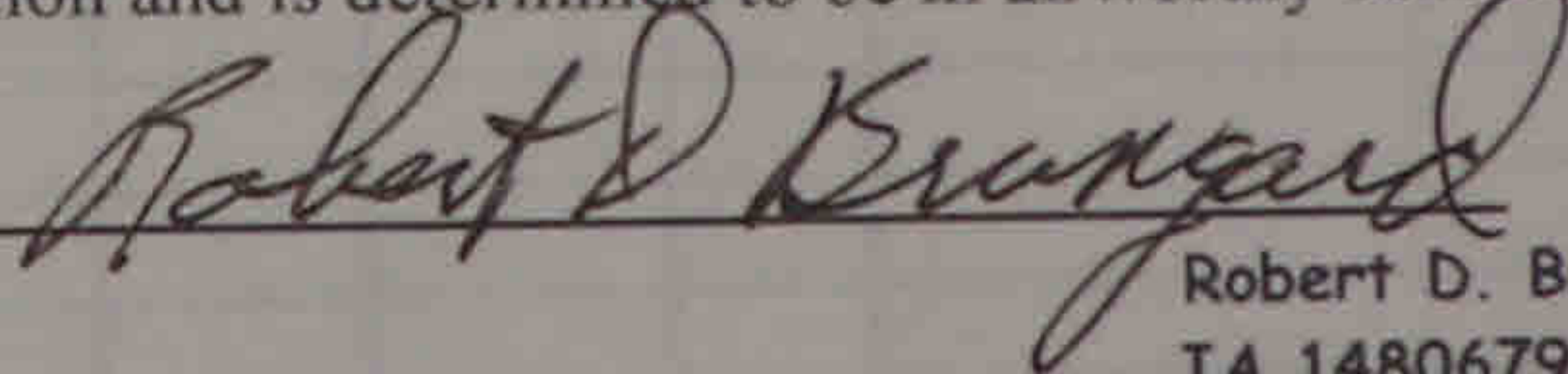
8/24/12

TOTAL TIME 656.74

TACH TIME 1468.1 HOURS

Change oil and filter. Phillips XC. Check compression. Clean, gap, and rotate spark plugs. Install new air filter. Repair #1 lower plug lead. Install new Shock Mounts and Lock Tabs. New engine mount heat shields and intake heat shields installed. Replace induction hose and gasket on #6 cylinder. Install new Knisley exhaust system per STC SA5012NM, See 337 form this date. Replace induction tube from intercooler to throttle body. Replace oil separator breather hose. Replace CHT probe on #5 cylinder. Pressure test on heat exchanger per AD 71-07-07R1 is due in 100 hours. Adjust controller for red line manifold pressure. I certify this engine has been inspection in accordance with a Annual Inspection and is determined to be in airworthy condition.

Signed



Robert D. Brungard
IA 1480679


LICENSE
NUMBER



N6104R
Engine Log
1 Of 2

Date: 7/20/12
Tach: 1467.24

Pressure checked induction system. Installed two new couplers on induction crossover plenum P/N:642917. Pressure checked exhaust system. Tightened exhaust clamps. Installed new seals on upper deck reference manifold with new P/N:633958-3,-5 as required. Found wastegate not fully closing and binding, removed and replaced with overhauled unit P/N:470908-9011 S/N Off:YF016182 S/N On:YF016182 with new gaskets P/N:2570-1, new seals P/N: AN9014A, AN9016A, and new o-rings P/N; MS28778-4,-6 as required. All work done IAW TCM TSIO520 MM. Ops check, leak check good.



PH# 970-524-4003 Reyes Pitman A&P2803975
Work order # 15213



N6104R
Engine Log
2 Of 2

Date: 7/20/12
Tach: 1467.24

Adjusted fuel pressures IAW SID97-3E. Removed and replaced turbo due to broken mounting flange and excessive friction in center housing bearings with factory rebuilt unit P/N:406610-9005 S/N Off:CCN00589 S/N On:H-PER00315 with new gaskets P/N:SA636465, 653006, and 649960. C/W AD 2012-10-52 by verifying turbo not affected due to serial number H-PER00315. All work done IAW TCM TSIO520 MM. Ops check, leak check good.


PH# 970-524-4003 Reyes Pitman A&P2803975
Work order # 15213

ENGINE LOG

SIGNATURE

N6104R

sn: T210-0004

Engine Log Entry

Date: 3/15/2014

Hobbs = 1504.69

Engine TT / SMOH = 693.33

- AD 77-05-04 (Crankshaft failure) Recurrent portion of this AD no longer applies to crankshaft installed.
- AD 77-13-22 (Crankcase cracks) Recurrent inspection portion of this AD no longer applies to crankcase installed.
- AD 80-01-04 (Cylinders) Complied this date - not applicable by date of manufacture of cylinder assemblies.
- AD 81-24-06 (Engine-driven fuel pump) Recurrent portion no longer applies.
- AD 86-13-04 R3 (Cylinder base flange) Recurrent portion no longer applies.
- AD 89-24-01 R1 (Scavenge pump gears) Does not apply to TSIO-520C engines.
- AD 97-26-17 (Crankshaft failure) Recurrent portion does not apply - VAR crank installed at factory remanufacture.
- AD 99-19-01 (Crankshaft cheek cracks) Does not apply by build date of engine.
- AD 2004-08-10 (ECI Cylinders) Does not apply - subject parts not installed at this time.
- AD 2007-04-19 R1 (Superior Airparts Cylinders) Does not apply - subject parts not installed on aircraft at this time.
- AD 2009-16-03 (Superior Airparts Cylinders) Does not apply - subject parts not installed on aircraft at this time.
- AD 2009-19-07 (EQ3 Cylinders) Does not apply - no EQ3 cylinders are installed on aircraft at this time.
- AD 2012-03-06 (Servo) Complied with by inspection of aircraft records per MSB AFS-SB6 R2 - no servo work has been performed since May 20, 2010 when the subject parts PN: AV2541801 and AV2541803 were available.

Engine warmed compression test done with following results; #1: 73/80, #2: 76/80, #3: 73/80, #4: 74/80, #5: 75/80, #6: 72/80, with master orifice at 48/80. Magneto timing checked. Oil changed and serviced with 10 quarts of Aeroshell 15W50 semi-synthetic and new CH48110 filter. Complied with AD 96-12-22 by inspection and torque check of oil filter adapter - due 100 hours or next filter change. Old filter cut open - no contaminants found. I certify that this engine has been inspected in accordance with a 100 Hour Inspection and found to be in airworthy condition.

SIGNATURE

LICENSE
NUMBER

ENGINE LOG

DATE

ENGINE MODEL
ENGINE S/N
REG NO 6104R
WORK ORDER
4964-04-2014



FAIR AIR, LLC

Repair Station No. QFBR152Y
3821 S Airport Road, Unit C6
Ogden, UT 84405
Phone: 801-399-3042

DATE 4/2/2014
A/C / S/N 2989/15
ENG TT
TACH 1509.35

SIGNATURE

LICENSE
NUMBER

Engine Entries

(1) Replaced ring seals in fuel servo P/N 629703-8, S/N 1179607AR. All work was accomplished in accordance with the Continental Aircraft Engine Fuel Injection Manual, figure 6-1. Pressurized the fuel system and leak checked.

THIS

DATE: 4/2/2014

SIGNED

Russel Bargo

Russ Bargo
Certified Repair Station No. QFBR152Y

Work Order: 4964-04-2014

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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.			

N6104R

Date: August 23rd, 2014

Tach: 1553.70

SMOH: 742.34

Airframe model: T210F

Serial#: T210-0004

Engine model: Continental TSIO-520-C(2)

Serial #: 178505-R

Complied with engine 50 hr oil change this date and time. Drained oil and serviced engine with 12 qts. Areoshell 15W-50 aviation grade synthetic oil. Replaced oil filter and inspected old filter for metal, none found. C/W AD 96-12-22 Cessna oil filter adapter assy. inspection I/A/W par (2)(B)(2), no defects found. Next due at 1653.7 or filter change, whichever comes first. Replaced right and left induction manifold overboard drain lines with new 1/4" tubing. Replaced turbo wastegate overboard drain line with new 1/4" tubing. Replaced hydraulic pump case drain overboard line with new 3/16" tubing. Relocated engine crank case overboard drain as per TCM service bulletin M89-9. Inspected Upper deck pressure to engine driven fuel pump aneroid bellows chamber for rubber hose splice repair, found to be in serviceable condition. Replaced existing Intercooler temperature gauge connector with new 5 pin Molex connector. Ops checks good. Adjusted propeller governor high RPM stop up to 2700 RPM. Adjusted governor control cable for correct cushion at high RPM setting. Adjusted turbo wastegate absolute pressure controller down to 32.5 inches manifold pressure indicated. Washed engine and engine compartment with Stoddard solvent. Engine, Propeller, and turbo run up systems check normal. END

Pat Carlson A&P 3013294

BRO

TOTALS

ENGINE LOG

DATE	R.P.M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	G1	Date. 8-1-2017 Cessna T210F. N242V. Tach reads 1600.50. Engine TSMOH = 789.14. Change oil with 10 qt aeroshell 15/50. Install new ch 48110-1 oil filter. CW AD 96-12-22. Clean gap test rotate plugs. Time magnetos. Compression test = 1-76. 2-79. 3-76. 4-76. 5-77. 6-72-80. Pressure test heat exchanger. CW AD 71-09-07. See AD compliance list in aircraft logs and records for further compliance.					
BROUGHT FORWARD							
TOTALS							

DATE 8-1-2017 TACH 1600.50

"I CERTIFY THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION"

SIGNATURE _____

AIRMAN NO. 1554