

N51440

ENGINE MAINTENANCE RECORDS



WESTERN
Skyways
INC.

Engines Are Our **ONLY** Business

1865 LAUNA • MONTROSE, CO 81401
(970) 249-0232 • 800-575-9929 • FAX (970) 249-4155

WESTERN SKYWAYS, INC.
Gold Seal Aircraft Engine Warranty

DATE 11/21/01

ENGINE TSIO-520-R

SERIAL NUMBER 291968

WORK ORDER # 14725

WARRANTY NUMBER K1171

FULL WARRANTY

WESTERN SKYWAYS warrants the GOLD SEAL aircraft engine to be free from defects in material and workmanship under normal use for SIX (6) MONTHS from date of installation or beginning ten (10) days after shipment, whichever is applicable.

LIMITED WARRANTY

WESTERN SKYWAYS additionally warrants the major components to the end of the manufacturer's recommended TBO on a pro-rated basis at a minimum rate of 40 hours per month or actual time, whichever is greater. The following constitute "major components" for purposes of this GOLD SEAL aircraft engine limited warranty: crankcase and associated parts, cylinder assemblies and crankshaft and related parts.

TERMS AND CONDITIONS

1. The FULL WARRANTY and the LIMITED WARRANTY both include parts and labor. The FULL WARRANTY covers 100% parts and labor while the LIMITED WARRANTY covers parts and labor on a pro-rated basis.
2. Warranty service may be accomplished at facilities other than WESTERN SKYWAYS but ONLY AFTER PRIOR WRITTEN APPROVAL from WESTERN SKYWAYS and provided all work is performed at prevailing rates. WESTERN SKYWAYS retains the option to furnish any parts or accessories required for warranty service.
3. This warranty does not include shipping expenses.
4. This warranty is VOID on any engine or accessory which has been repaired or altered outside the WESTERN SKYWAYS facility without the prior written approval of WESTERN SKYWAYS. This warranty is also VOID on any engine which has been operated contrary to manufacturer's operating instructions or which, in WESTERN SKYWAYS' sole opinion, has been subjected to misuse, neglect, accident or the use of improper fuel.
5. Warranty repair or replacement of any part shall not extend this warranty beyond the original warranty time or hour limitation.
6. THERE ARE NO OTHER EXPRESS WARRANTIES. ALL IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED TO THE EXTENT LOCAL LAWS ALLOW DISCLAIMERS. IF NO DISCLAIMERS ARE ALLOWED, THE IMPLIED WARRANTIES ARE LIMITED IN TIME TO THE DURATION OF THIS WARRANTY. Local law may not allow limitations of implied warranties, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state, province to province, country to country.
7. WESTERN SKYWAYS' TOTAL LIABILITY FOR DAMAGES RELATION TO OR ARISING OUT OF THE USE OF THE ENGINE, REGARDLESS OF THE TYPE OR CAUSE OF SUCH DAMAGE, SHALL NOT EXCEED THE ORIGINAL PURCHASE PRICE PAID FOR THE ENGINE.
8. IN NO EVENT SHALL WESTERN SKYWAYS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR SIMILAR DAMAGES (INCLUDING, BUT NOT LIMITED TO LOST PROFITS OR REVENUE, INABILITY TO USE PRODUCT OR OTHER ASSOCIATED EQUIPMENT, COST OF SUBSTITUTE EQUIPMENT, AND CLAIMS BY THIRD PARTIES) RESULTING FROM USE OF THE ENGINE.
9. Unless modified by a written agreement signed by WESTERN SKYWAYS, this warranty represents the complete and exclusive agreement between purchaser and WESTERN SKYWAYS with respect to this engine, superseding all prior agreements between the parties relating to the subject of this warranty other than WESTERN SKYWAYS and you should not rely on any such representation.

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N 51440

Engine Manufacturer TCM

Model TS10-520-R

Serial No. 291968

Date installed on aircraft 12-10-2001

Time Between Overhauls (TBO) 1600 Hours

If used on multi-engine aircraft:

RIGHT

LEFT

FRONT

REAR

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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WESTERN SKYWAYS, INC.

1865 launa Dr. Montrose, Colorado 81401

Engine Make: CONTINENTAL Model: TSIO-520-R
 Serial Number: 291968 W/O No. 14725 Date: 11/21/01
 Warranty Number: K1171 Warranty Start Date: 12/01

Gold Seal aircraft engine per CONTINENTAL Manual No. X30575A
 This engine & accessories were remanufactured to "Factory NEW Tolerances". See back section for Airworthiness Directive & Service Bulletin compliances. This engine was run in a test cell. Total Previous Time: 1600.0 Hrs.

This engine meets the requirements of Continental Service Bulletin SIL98-9 for 1600.0 Hr. TBO.

The accessories listed below were remanufactured and supplied with this engine:

	Part No.	Serial No.	Part No.	Serial No.
L/H Mag:	6320	01082084	Prop Gov:	N/A
R/H Mag:	6320	01090801	Alt/Gen:	N/A
Fuel Pump:	646768-1	E019826BR	Wastegate:	N/A
Inj/Carb:	629703-11	C068003A	Pop Off:	N/A
Man Valve:	634326-12A2	E019819CR	Controller:	N/A
Starter:	ES646275-1	B101078	Pres Valve:	N/A
Turbo:	406610-9005	AHO-40500	Fuel limiter:	N/A
			Tach Gen:	N/A
			Hyd. Pump:	N/A

MAINTENANCE RELEASE

The engine and accessories identified above were overhauled and inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of this repair are on file at this repair station on above work order.

Signature

Repair Station No. WS9R575J

SERVICEABLE

pacific oil cooler service, inc.

PART OIL COOLER SERIAL No. 144
 PART No. 10634R MFR. SW
 CUSTOMER CHANNEL Island W.O. No. 30884

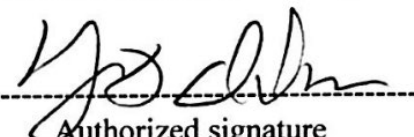
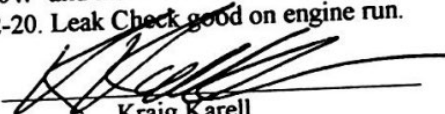
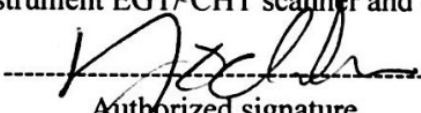
WORK PERFORMED OVERHAUL
TACH METER SETS

INSP.
<i>AS</i>

pacific oil cooler service, inc.

9761 Klingerman Street • South El Monte, CA 91733-1728
 (626) 454-3172 • (800) 866-7335
 F.A.A. Certified Repair Station RF3R813L

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<p style="text-align: center;">CHANNEL ISLANDS AVIATION FAA REPAIR STATION # DDER146D 305 DURLEY AVE CAMARILLO CA. 93010 (805) 987-1305 FAX (8050 987-8301</p> <hr/> <p>REG #: N5144U MAKE: CESSNA T210N SERIAL: 64851 Date: 12-10-2001 TACH: 1983 T.T.: 1600 SMOH: 1000 0.0</p> <p>INSTALLED THIS ENGINE IN T210N S/N 64851 PER CESSNA MAINTENANCE MANUAL INSTRUCTION. SERVICED THE ENGINE WITH 12 QTS OF AEROSHELL STRAIGHT MINERAL OIL. RAN UP & FLEW PER TCM "BREAK-IN" PROCEDURES. FOUND NO LEAKS AND SATISFACTORY PERFORMANCE.</p> <p style="text-align: right;">FAA Repair Station # DDER146D Authorized Inspector</p> <p><i>[Signature]</i> FELIX NANEJANIANS WO # 10637</p>
		<p style="text-align: center;">CHANNEL ISLANDS AVIATION FAA REPAIR STATION # DDER146D 305 DURLEY AVE CAMARILLO CA. 93010 (805) 987-1305 FAX (8050 987-8301</p> <hr/> <p>REG #: N5144U MAKE: CESSNA T210N SERIAL: 64851 Date: 12-10-2001 TACH: 1983 T.T.: 1600 SMOH: 0.0</p> <p>THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE II AIRWORTHY CONDITION.</p> <p style="text-align: right;">FAA Repair Station # DDER146D Authorized Inspector</p> <p><i>[Signature]</i> FELIX NANEJANIANS WO # 10637</p>
		<p style="text-align: center;">CHANNEL ISLANDS AVIATION FAA REPAIR STATION # DDER146D 305 DURLEY AVE CAMARILLO CA. 93010 (805) 987-1305 FAX (8050 987-8301</p> <hr/> <p>REG #: N5144U MAKE: CESSNA T210N SERIAL: 64851 Date: 01-22-2003 TACH: 2103.4 T.T.: 1720.4 SMOH: 120.4</p> <p>THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. COMPRESSION CHECK: #1)74/80 #2)70/80 #3)68/80 #4)74/80 #5)71/80 #6)69/80 CLEANED, GAPPED AND TESTED THE SPARK PLUGS. CHANGED OIL AND FILTER. SERVICED WITH 10 QTS OF AEROSHELL 100W.</p> <p style="text-align: right;">FAA Repair Station # DDER146D Chief Inspector</p> <p><i>[Signature]</i> FELIX NANEJANIANS WO # 11258</p>

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<p>17 February, 2004 N5144U Cessna T210N s/n 21064851 Tach 2211.1 hrs Engine: Teledyne Continental TSIO520R s/n 291968 228.1 TTSMOH Performed inspection per AD 71-09007R1 pressure test exhaust manifold, with no defects noted. All ADs checked thru 2000-23-21 with no defects noted. Performed cylinder differential pressure check #1 75/80, #2 70/80, #3 70/80, #4 72/80, #5 72/80, #6 76/80. Cleaned and gapped spark plugs, checked leads and timed magnetos. Replaced induction filter with BA2410, replaced dipstick 'O' ring. Drained oil and removed filter. Serviced with 12 qts AeroShell 100W and installed new CH48108-1 filter. Solvent cleaned engine compartment. Leak check good on engine run. I certify that this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition.</p> <p style="text-align: center;">  ----- Authorized signature Lauritz D. Adams AP404865999IA Aero-MARS L.L.C. 805.696.6599 </p>
		<p>Date: 07 Jun. 2004 Cessna T210N N5144U s/n 21064851 Tach. Time: 2248.2 Drained engine oil and removed filter. Serviced with 10 qts AeroShell 100W and installed CH48108 filter IAW Cessna Service Manual 2-20. Leak Check good on engine run.</p> <p>Supervising Mechanic:  Kraig Karell AP 398587305 FCC: PG-GB-024955</p> <p>Aero-Mars, LLC 303 Donaldson Pl. Santa Barbara, CA. 93117 805-696-6599</p>
		<p>26 March 2004 N5144U Cessna T210N s/n 210064851 Tach : 2211.4 hrs</p> <p>Replaced EGT and CHT probes at # 1 cylinder. Removed, repaired and reinstalled JP Instrument EGT-/CHT scanner and ops check good.</p> <p style="text-align: center;">  ----- Authorized signature Lauritz D. Adams AP404865999IA Aero-MARS L.L.C. 805.696.6599 </p>

1. Approving National Aviation Authority/Country: Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE TCCA 24-0078				3. Form tracking No: (YYMMDD-XNN) 031024 243	
4. Approved organization name and address: INSIGHT INSTRUMENTS CORPORATION, 599 INDUSTRIAL DRIVE FORT ERIE, ONTARIO, CANADA, L2A 5M1					5. Work order/Contract/Invoice Number: N/A		
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	EGT Probe	2870	SA157NE Various	1	115507	MANUFACTURED	
13. Remark							
14. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 13.				19. <input type="checkbox"/> CAR 571.10 Maintenance release. <input type="checkbox"/> Other regulations specified in block 13. Certifies that, unless otherwise specified in block 13, the work identified in block 12 and described in block 13 was accomplished in accordance CAR 571.			
15. Authorized signature <i>J. McNaull</i>		16. Certificate/Approval ref. No. 42-90		20. Authorized signature N/A		21. Certificate/Approval ref. No. N/A	
17. Name <i>J. McNaull</i>		18. Date (dd/mmm/yyyy) 24 OCT 2003		22. Name N/A		23. Date (dd/mmm/yyyy) N/A	
User/Installer Responsibilities							
1. This document does not constitute authority to install the part.							
2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in Block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in Block 1.							
3. Statements 18 and 19 do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.							

ITEM: 44
 ORDER: 1135026N/10T N/A
 PN: 1250860-29
 QTY: 1
 U/M: EA
 DESC: CLAMP



1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 1135026	
4. Organization: Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218				5. Work Order/Installation Number: 565507	
6. Item: 44	7. Description: CLAMP	8. Part Number: 1250860-29	9. Eligibility: 02	10. Quantity: 1	11. Serial/Batch Number: N/A
12. Status/Work: New					
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL. PO# 27999					
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			15. <input type="checkbox"/> 14 CFR Part 43 Return to Service. <input type="checkbox"/> Other regulation specified in Block 13. <small>For work that requires referencing specified in Block 13, the work identified in Block 14 must be completed in accordance with the 14 Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.</small>		
15. Authorized Signature: <i>[Signature]</i>		16. Authorization No.: 1604290E		17. Approved Certificate No.:	
17. Name (Typed or Printed): BILLY G. PRITCHARD, ODARE		18. Date (m/d/y): NOV/21/2005		19. Name (Typed or Printed):	
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					



A DIVISION OF
staveley services
FLUIDS ANALYSIS



AVIATION OIL ANALYSIS
3319 W. Earll Dr. • P.O. Box 29074 (85038)
Phoenix, AZ 85017

Ph: 800-445-7930, email: aoa@ctclink.com
Web access: <http://aoa.ctclink.com>



AVIATION OIL ANALYSIS
SINCE 1974

A.O.P.A. MEMBER

CUSTOMER: AERO MARS
303 DONALDSON PLACE

GOLETA

CA 93117

CONTACT: LARRY ADAMS
PHONE: 805-696-6599

FAX: 805-696-6596

TAIL NUMBER: N5144U
AIRCRAFT MODEL: CESSNA T210N
COMPONENT MODEL: TS10-520R
POSITION: S
POS DESCR: SINGLE
COMPONENT S/N: 522539
OIL TYPE: A/S 100-50

Sample Number	Taken Processed	Oil Hours Oil Added	TSN TSO	Aluminum	Iron	Copper	Nickel	Chrome	Lead	Silver	Silicon (ppm)	Magnesium	Recommendation Codes
733605	06/16/00	25		15	128.0	11.0	15	10	N/A	0	11	N/A	117 124 108
	06/21/00	2	639		***								135
886222	01/20/06	38	404	13	26.4	5.6	6	6	N/A	0	7	N/A	100
	01/25/06	2											

*** Values Abnormal

Wear Metals Reported In Parts Per Million

RESULT CODES

100 ALL VALUES APPEAR NORMAL

COMMENTS:

OTHER TESTS:

Since Aviation Oil Analysis services are based on samples and information supplied by others, and since corrective action, if any, is necessarily taken by others, these services are rendered without any warranty or liability of any kind beyond the actual amount paid to **Staveley Services Fluids Analysis** for the services.

BLACKSTONE LABORATORIES

P.O. NUMBER: No Charge
CODE: 35/10281/37

OIL REPORT

UNIT NUMBER: N5144V
REPORT DATE: 1/10/05
LAB NUMBER: C35447

CLIENT	CONTACT:	PHONE: (805) 696-6599
	NAME: AERO-MARS LLC	FAX: (805) 696-6596
	ADDRESS: 303 DONALDSON PLACE	E-MAIL:
	SANTA BARBARA, CA 93117	

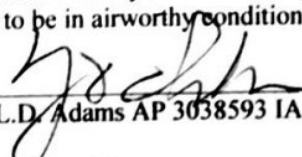
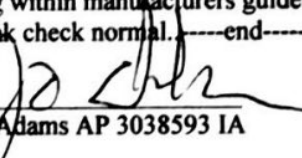
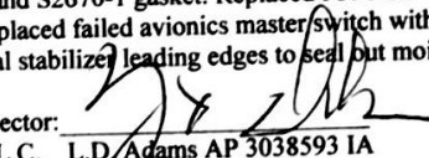
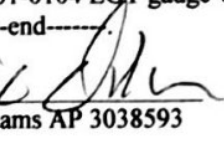
UNIT	EQUIPMENT MAKE: Continental	OIL USE INTERVAL: 50 Hours
	EQUIPMENT MODEL: TSIO-520-R	OIL TYPE & GRADE: Aeroshell W100 (AD)
	FUEL TYPE: Gasoline (Leaded)	MAKE-UP OIL ADDED:
	ADDITIONAL INFO: Cessna T210N; S/N 291968	

COMMENTS AERO-MARS: These TSIO-520-Rs aren't the best wearing types TCM has made, but this one seems to be doing well at 360 engine hours. Universal averages show what wear typically looks like from this type engine after about 31 hours run on the oil. This oil was in use 50 hours, and we found all wear at around average levels and in the correct balance to show no obvious problems with mechanical parts sharing the oil. Air and oil filtration look okay. No moisture or volatile gas found. Lead and insolubles may suggest blow-by is above normal. Try 35 hours use next time.

ELEMENTS IN PARTS PER MILLION	MI/HRS ON OIL	50	UNIT LOCATION AVERAGES	UNIVERSAL AVERAGES
	MI/HRS ON UNIT	360		
ALUMINUM	13	13		12
CHROMIUM	18	18		16
IRON	63	63		80
COPPER	4	4		6
LEAD	7148	7148		4501
TIN	2	2		2
MOLYBDENUM	11	11		7
NICKEL	15	15		22
MANGANESE	1	1		2
SILVER	0	0		0
TITANIUM	0	0		0
POTASSIUM	0	0		0
BORON	0	0		0
SILICON	7	7		9
SODIUM	0	0		1
CALCIUM	2	2		2
MAGNESIUM	1	1		0
PHOSPHORUS	840	840		520
ZINC	2	2		7
BARIUM	0	0		0

PROPERTIES	TEST	cST VISCOSITY @ 40°C	SUS VISCOSITY @ 100°F	VISCOSITY INDEX	cST VISCOSITY @ 100°C	SUS VISCOSITY @ 210°F	FLASHPOINT IN °F	FUEL %	ANTIFREEZE %	WATER %	INSOLUBLES %
	VALUES SHOULD BE					86-105	>460	<1.0		0.0	<0.6
	TEST VALUES WERE					90.7	SHORT	-	-	0.0	0.6

4929 S. LAFAYETTE STREET
FORT WAYNE, IN 46806 (260) 744-2380


DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<p>15 Feb., 2007 N5144U T210N s/n 21064851 Tach: 126.3 Engine TCM TSIO-520-MCR-9 TT 2092.7 492.7 TTSMOH . Drained oil and took sample for AOA analysis, removed filter, serviced with 10 quarts AeroShell 100W and installed new CH48108 filter. Cleaned, gapped, tested all spark plugs. Tested exhaust per AD71-09-07R1 and performed weld repair to left exhaust stack, reinstalled with new hardware. Performed cylinder differential compression test with the following results #1 69/80, #2 61, #3 65, #4 68, #5 65, #6 68. Removed, overhauled and reinstalled front (#2) alternator reference Aaw.o.#27368. Adjusted magneto timing to engine and each other. Checked all engine ADs thru 2004-08-10 with no defects noted. Run and leak check normal. I certify that I have inspected this engine in accordance with an annual inspection and found it to be in airworthy condition.-----end-----.</p> <p>Authorized Inspector:  Aero-MARS L.L.C. L.D. Adams AP 3038593 IA 303 Donaldson Place Goleta, CA. 93117 805.696.6599</p>
		<p>16 July, 2007 N5144U T210N s/n 21064851 Tach: 166.2 Engine TCM TSIO-520-MCR-9 TT 2132.6 532.6 TTSMOH . Drained oil and took sample for AOA analysis, removed filter, serviced with 10 quarts AeroShell 100W and installed new CH48108 filter. Checked engine fuel pump performance per TCM SID 97.3C with initial runs being within manufacturers guidelines. Replaced S2334-3 cylinder head temperature probe with new. Run and leak check normal.-----end-----.</p> <p>Authorized Inspector:  Aero-MARS L.L.C. L.D. Adams AP 3038593 IA 303 Donaldson Place Goleta, CA. 93117 805.696.6599</p>
		<p>16 July, 2007 N5144U T210N s/n 21064851 Tach: 166.2 . Replaced right wing fuel transmitter C668050-0702 and S2670-1 gasket. Replaced F391-82 flush drain valves at right and left wing inboard sump drains. Replaced failed avionics master switch with new W31M-50 circuit breaker. Applied sealant coat to horizontal stabilizer leading edges to seal out moisture and stop further erosion.-----end-----.</p> <p>Authorized Inspector:  Aero-MARS L.L.C. L.D. Adams AP 3038593 IA 303 Donaldson Place Goleta, CA. 93117 805.696.6599</p>
		<p>2 August, 2007 N5144U T210N s/n 21064851 Tach: 170.7 Engine TCM TSIO-520-MCR-9 TT 2137.1, 537.1 TTSMOH . Serviced engine with 1 quart AeroShell 100W. Tested EGT system with Alcor diagnostics finding both probe and instrument reading low. Replaced C668501-0204 probe and replaced C668501-0104 EGT gauge with serviceable unit. System checks good, run and leak check normal.-----end-----.</p> <p>Supervising mechanic:  Aero-MARS L.L.C. L.D. Adams AP 3038593 303 Donaldson Place Goleta, CA. 93117 805.696.6599</p>

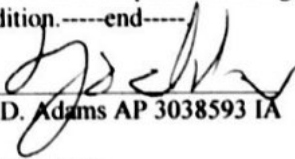
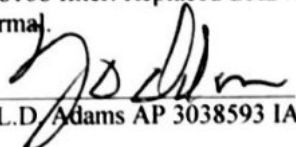
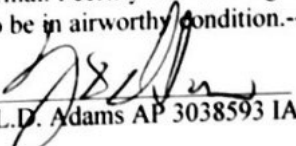
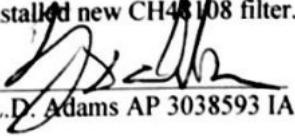
EM: 5
PN: C668050-0702
QTY: 1
U/M: EA

1665370

5

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG			3. Form/Revision Number: 1665370	
4. Organization Name and Address: Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218				5. Work Order/Contract/Invoice Number: 737976		
6. Item: 5	7. Description: TRANSMITTE	8. Part Number: C668050-0702	9. Eligibility: N/A	10. Quantity: 1	11. Serial/Batch Number: /	12. Status/Notes: New
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL. PO# 31213						
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			15. <input type="checkbox"/> 14 CFR 43D (Remote Service) <input type="checkbox"/> Other regulation specified in Block 13. <small>Condition that requires certification specified in Block 13, the work identified in Block 10 and described in Block 13 must be accomplished in accordance with 14 CFR, Code of Federal Regulations, part 43 and be reported to that work. The form may be approved for return to service.</small>			
15. Authorized Signature: <i>Kenneth E. Wysocki Sr.</i>		16. Approval/Authorization No.: 100129CE		17. Authorized Signature:		18. Approval Certificate No.:
17. Name (Typed or Printed): KENNETH E. WYSOCKI SR., ODARF		18. Date (month): JUL/12/2007		19. Name (Typed or Printed):		20. Date (month):
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 15 do not constitute installer certification. In all cases, aircraft maintenance records must contain an installer certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

1. Approving National Aviation Authority/Country: UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 27368	
4. Organization Name and Address: AERO ACCESSORIES 16152 VALERIO ST. VAN NUYS CALIF. 91406					5. Work Order/Contract/Invoice Number: 27368		
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	ALTERNATOR	DOFF10300B	TBV BY INSTALLER	1	2507	OVERHAULED	
13. Remarks: REPAIRED, INSPECTED, AND TESTED IN ACCORDANCE WITH KELLY AEROSPACE SERVICE MANUAL AS PER OVERHAUL							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.: XXXXXXXXXXXXXXXXXXXX		20. Authorized Signature: 		21. Approval/Certificate No.: NB2R2861.	
17. Name (Typed or Printed): XXXXXXXXXXXXXXXXXXXX		18. Date: XXXXXXXXXXXXXXXXXXXX		22. Name (Typed or Printed): ROBERT M. RUMM		23. Date (m/d/y): FEB/06/2007	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
17 March, 2008	N5144U T210N s/n 21064851 Tach: 202.6	<p>Engine TCM TSIO-520-MCR-9 TT 2169.0. TTSMOH 567.2. Performed annual inspection per Cessna Service Manual and FAR Part 43 appendix 'D'. Drained oil and took sample for AOA analysis, removed filter, serviced with 10 quarts AeroShell 100W and installed new CH48108 filter. Cleaned, inspected, gapped and rotated spark plugs. Removed magnetos and complied with 500 hour inspection/ overhaul (reference AAWO 28481-81 for details) reinstalled with new 655269 bushings and timed per manufacturers specification. Replaced 534610 pushrod tube seals at cylinders 2 intake and 6 intake and exhaust. Replaced 3 each 652984 valve rocker shafts at same locations. Replaced cylinder 2,4,6 exhaust gaskets with new 652458 'no blow'. Replaced chafed induction boot between cylinders 4 and 6 with new 642917-1. Replaced exhaust clamps at cylinders 6 and 4 with new 1250860-29. Replaced cylinders 2,4,6 valve cover gaskets with new 655528C. Replaced BA2405 induction filter. Inspected heat exchanger per AD 71-09-07 R1 with no defects noted. Checked all other ADs through 2004-08-10 with no action required. Solvent cleaned engine compartment. Run and leak check normal. I certify that I have inspected this engine in accordance with an annual inspection and found it to be in airworthy condition.-----end-----</p> <p>Authorized Inspector:  Aero-MARS L.L.C. L.D. Adams AP 3038593 IA 303 Donaldson Place Goleta, CA. 93117 805.696.6599</p>
17 July, 2008	N5144U T210N s/n 21064851 Tach: 238.1	<p>Engine TCM TSIO-520-MCR-9 TT 2204.5. TTSMOH 602.7. Drained oil and removed filter, serviced with 10 quarts AeroShell 100W and installed new CH48108 filter. Replaced BA2405 induction filter. Solvent cleaned engine compartment. Run and leak check normal.</p> <p>Authorized Inspector:  Aero-MARS L.L.C. L.D. Adams AP 3038593 IA 303 Donaldson Place Goleta, CA. 93117 805.696.6599</p>
17 March, 2009	N5144U T210N s/n 21064851 Tach: 271.2	<p>Engine TCM TSIO-520-MCR-9 TT 2237.6. TTSMOH 635.8. Performed annual inspection per Cessna Service Manual and FAR Part 43 appendix 'D'. Performed cylinder differential compression test with the following results: #1 66/80, #2 62, #3 65, #4 65, #5 69, #6 66. Drained oil and removed filter, serviced with 10 quarts AeroShell 100W and installed new CH48108 filter. Cleaned, inspected, gapped and rotated spark plugs. Replaced 40661-9005 turbo-charger with Ram overhauled unit using existing wastegate and inlet oil check valve. Replaced turbo-outlet oil check valve. Replaced all cylinder exhaust gaskets with new 652458 'no blow'. RH exhaust system and turbo related parts cleaned and repaired by Custom Aircraft Parts reference invoice 10419 dated 3/6/09. re-installed system and inspected heat exchanger per AD 71-09-07 R1 with no defects noted. Checked all other ADs through 2004-08-10 with no action required. Solvent cleaned engine compartment. Run and leak check normal. I certify that this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition.-----end-----.</p> <p>Authorized Inspector:  Aero-MARS L.L.C. L.D. Adams AP 3038593 IA 303 Donaldson Place Goleta, CA. 93117 805.696.6599</p>
13 July, 2007	N5144U T210N s/n 21064851 Tach: 320.9	<p>Engine TCM TSIO-520-MCR-9 TT 2247.7 647.4 TTSMOH . Drained oil and took sample for AOA analysis, removed filter, serviced with 10 quarts AeroShell 100W and installed new CH48108 filter.-----end-----.</p> <p>Authorized Inspector:  Aero-MARS L.L.C. L.D. Adams AP 3038593 IA 303 Donaldson Place Goleta, CA. 93117 805.696.6599</p>

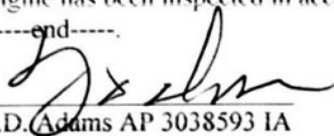
DESCRIPTION OF WORK PERFORMED --

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE


TACH OR
RECORDING
METER
TIME

12 April, 2010 N5144U T210N s/n 21064851 Tach: 357.2 Engine TCM TSIO-520-MCR-9 TT 2323.6. TTSMOH 723.6. Performed annual inspection per Cessna Service Manual and FAR Part 43 appendix 'D'. Performed cylinder differential compression test with the following results: #1 67/80, #2 56, #3 68, #4 67, #5 62, #6 66. Removed #5 cylinder Superior SA52000 s/n22893 and installed repaired Teledyne Continental cylinder p/n 655470 s/n AC07DA880 with overhauled lifters SA628488 and SA646277. Removed #6 cylinder Superior SA52000 s/n22883 and installed repaired Teledyne Continental cylinder p/n 655470 s/n AC07DA866 with overhauled lifters SA628488 and SA646277. Provided customer with cylinder break-in procedure. Drained oil and removed filter, serviced with 10 quarts AeroShell 100 straight mineral oil and installed new CH48108 filter. Replaced all 12 spark plugs with new RHB32E. Replaced cylinders #2 and #4 push rod tube seals, 649959 induction tube gaskets and 653191 rocker cover gaskets. Inspected heat exchanger per AD 71-09-07 R1 with no defects noted. Checked all other ADs through 2009-24-52E with no action required. Solvent cleaned engine compartment. Run and leak check normal. I certify that this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition.-----end-----.

Authorized Inspector: 
 Coastal Aircraft Service L.D. Adams AP 3038593 IA
 303 Donaldson Place
 Goleta, CA. 93117 805.696.6599

-- Coastal Aircraft Maintenance LLC
 303 Donaldson PL.
 Santa Barbara, CA 93117 Phone 805-696-6599

N5144U TCM TSIO 520 R S/N 291968
 Date: 07/16/10 Tach: 383.6 Hobbs: 379.9 AFTT: 2733.0 TTSMOH: 750.0
 Drained oil, captured oil sample and sent to AOA per customers request.
 Replenished oil with 12 qts of Aero Shell W/100 aviation oil. Installed new oil filter. Operational/leak checks good. Work performed IAW Cessna T210N M/M para. 02-20 Note: 26.4 hours since last oil change.

Date: 07-16-2010  Don Wrinkle Jr. AP3335571

-----END-----



303 Donaldson Place, Santa Barbara, CA 93117

ENGINE LOGBOOK ENTRY

REG #: N5144U

Continental TSIO-520-R S/N: 291968

Tach Time: ~~2530~~ 422.2 hrs SMOH 788.6

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. AD researched through 2011-04. Compression test #1-70, #2-64, #3-64, #4-72, #5-74, #6-68. Mag timing check good. Cleaned gapped and tested all spark plugs. Completed annual inspection per Cessna T210 check list. Ops checks good.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service.

Mike Houser  A&P31986391A

April 7, 2011



303 Donaldson Place, Santa Barbara, CA 93117

ENGINE LOGBOOK ENTRY

REG #: N5144U

Continental TSIO-520-R S/N: 291968

Tach Time: 453.9

DATE

Ran engine, drained oil, collected oil sample and removed oil filter PN: CH48108-1 and installed new filter PN: CH48108-1. Installed 9qts. of Aero Shell 15W50 oil per owners request. Engine leak check satisfactory. All work done IAW Cessna T210N Service Manual, Section 12A.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service.

Mike Houser

A&P31986391A

August 29, 2011

Tony Williams AP 201165212

ENGINE MODEL:
ENGINE S/N:
REG. NO: N5144U
WORK ORDER: 13-202

Accurate Aviation Group Inc.

204 Moffett Place
Goleta, CA 93117
Phone: (805) 770-2500

DATE: 4/15/2013
JA - 40-700
JA - ENG-TT
TACH: 485.9
ACT: 2864.2
TSN: 881.0
JA

Engine Entries

Engine due for Annual Inspection... Completed Annual Inspection, service and repairs as follows: Cleaned, gapped & tested spark plugs. Pressure tested exhaust system. Compressions checked as follows: #1 76/80 #2 73/80 #3 78/80 #4 77/80 #5 78/80 #6 76/80... Recurring Cessna AD 71-09-07 (heat exchanger inspection) due... Complied with heat exchanger inspection IAW AD items (a)(1)(i-iii), no defects noted. Compliance due again at intervals not to exceed 50 hours. Engine due for oil change... Drained oil, removed, cut open & inspected oil filter, no contaminants found. Installed new oil filter (p/n CH48108-1) and sanded. Serviced engine with 10 qts Aeroshell 100W. Fuel injectors due for cleaning. Found #1 cylinder injector missing metal top washer. Removed, cleaned & inspected fuel injectors, reinstalled injectors with new O-Rings & washers (p/n's: 630979-9 and 640612). Installed new washer (p/n 628556) on #1 cylinder injector. Right side engine fuel overboard lines chaffing each other and not secure... Secured overboard lines with spacer as required. R/H ignition leads chaffing at baffle pass through. Removed and replaced grommet at R/H baffle for chafe protection... Checked Airworthiness Directives Bi-weeklies through 2013-07. For further details see Cessna Inspection Report.

References: Cessna Model 210/T210 Series 1977-1984 Service Manual P/N D2057-3-13 Rev3, dated 3/96, Continental TSIO-520 Engine Series Operators Manual Pub X30044 dated 8/2011, Hartzell Prop Owners Manual 115N Rev 18 dated 2-2013, AC43 13-1B

Maintenance Release

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this FAA Certified Repair Station #U4UR400Y under Work Order #13-202.

DATE: 4/15/2013

SIGNED

Work Order: 13-202

Jessica Martin AP 3403376 IA AP3403376 IA

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL
TSIO-520-MCR-9
ENGINE S/N: 291968
REG. NO: N5144U
WORK ORDER: 13-336

Accurate Aviation Group Inc.

204 Moffett Place
Goleta, CA 93117
Phone: (805) 770-2500

DATE: 8/8/2013
AV TSN 2894.2
ENG TT 2379.6
TACH 2894.2

Engine Entries

(1) Engine Due for oil change. Drained oil, removed, cut open & inspected oil filter, no contaminants found. Installed new oil filter (p/n CH48108-1) and crush washer (p/n AN900-10). Serviced engine with 10 qts Aeroshell 100W. Performed engine run / leak check. Found satisfactory.

References: Cessna Model 210/T210 Series 1977-1984 Service Manual P/N D2057-3-13 Rev3, dated 3/96, Continental TSIO-520 Engine Series Operators Manual Pub X30044 dated 8/2011

Maintenance Release

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this FAA Certified Repair Station #U4UR400Y under Work Order #13-336.

DATE: 8/8/2013

SIGNED

Work Order: 13-336

Jonathan Sweitzer A&P 3709527

Printed by EBis 3 (datcomedia.com)

DA 09 MAY 2014
N#: N5144U

Tach: 569.3
Type: TS10-520-R

TSMOH: 935.7
S/N: 291968

SIERRA
AERO

Performed annual inspection this date ref. FAR Part 43 appendix D. Drained oil, inspected medium, no discrepancies found. Took ADA oil sample and sent for analysis. Installed 10 Q A/S 100W+ oil and new filter P/N AA48108. Compression check: 1) .58 2) .63) .66 4) .72 5) .73 6) .68/80. Removed, cleaned and gapped spark plugs. Removed rocker box covers and identified cylinders 1 through 4 as being SAP cylinders affected by AD 2014-05-29 (see attached AD compliance report.). Reviewed engine records and found TIS to be over 12 years. Cleaned engine. Removed cylinders 1,2,3 and 4 per AD 2014-05-29 para (1)(2), 12 years TIS. Removed connecting rods for cylinders 1 through 4 and sent to Eagle Engines for overhaul per work order # 17880-04-2014. Reinstalled connecting rods with new bearings and hardware. Installed new ECi cylinders in position 1, 2, 3 and 4, PN: AEC631397 (see attached 8130) with new hardware. Installed new rocker box cover gaskets. Replaced EGT probe clamp on cylinder #6. Cleaned fuel injectors. Adjusted magneto to engine timing. Adjusted throttle to obtain stop to stop travel. Replaced broken CHT ring with new, PN: MM-113. Replaced incorrect nut on turbo with new, PN: S1604-6. Installed new magneto filter from RAM, PN: 1396-2. Leak check good. Test flight performed with owner per break-in procedures ref. page 16-17 in ECi booklet M101. I certify that this engine has been inspected I.A.W an ANNUAL INSPECTION, and was determined to be in airworthy condition on this date. --END--

by 2679315IA

4073858
PN: N5144U
07131
11 01 14

1. Approving National Aviation Authority / Country FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number 4073858	
4. Manufacturer Name / Address Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218				5. Work Order/Contract/Invoice Number 1334128		
6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial/Batch Number	12. Status/Mark
24	NUT	S1604-6	N/A	1	N/A	New
13. Remarks AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL. PO# 180615						
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			15. <input type="checkbox"/> 14 CFR 43B Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 10 was completed in accordance with Part 43, except as provided in paragraph 43.1 and in respect to Blockwork, all items are approved for return to service.			
16. Authorized Signature <i>Don P. Macy</i>		16. Approval/Authorization No. ODA-100129-CE		17. Authorized Signature		17. Approval/Certificate No.
17. Name (Typed or Printed) DON P. MACY		18. Date (month) DEC/20/2013		18. Name (Typed or Printed)		18. Date (month)
19. User/Installer Responsibility It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that neither airworthiness authority accepts part/component/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 15 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						
FAA Form 8130-3 (8-01)		* Installer must cross-check eligibility with applicable technical data.			NOI# 9052-00-012-9005	

ASE
Rods (4)

17 JUNE 2014
N#: N5144U

Tach: 574.3
Type: TS10-520-R

TSMOH: 940.7
S/N: 291968

SIERRA
AERO

Performed oil change; drained oil and removed filter. Cut medium and inspected, no discrepancies noted. Took ADA oil sample and sent out for analysis. Installed new AA48108 filter and 10 Q of Aeroshell W100+. Ran engine, leak check good. --END--

Jeffrey Fay 2679315AGP

29 JULY 2014
N#: N5144U

Tach: 583.6
Type: TS10-520-R

S/N: 291968

SIERRA
AERO

Adjusted unmetered idle fuel flow to 5.5 PSI. Set RPM rise to +40 @ ICD. Set unmetered fuel flow to 37 PSI. Adjusted fuel regulator to obtain red line metered fuel flow. Ref. S1097-3. Ops check good. --END--

Jeffrey Fay 2679315AGP



ENGINE LOGBOOK ENTRY
REG. #: N5144U S/N: 21064851
Continental TSIO-520-R S/N: 291968
Tach Time: 611.2 TSMOH: 977.6

Squawk: Engine Due For Annual Inspection

Corrective Action: Completed Annual Inspection, service and repairs as follows: Complied with AD 71-09-07 RI by pressure test and inspection per para (1) (I) through (iii), found crack in exhaust system. Removed exhaust and welded exhaust per AC 43.13-1B Ch. 4. Installed Repaired Exhaust. Pressure tested, No discrepancy's noted at this time. Due next in 50 hours. Drained oil, removed, cut open & inspected oil filter, found normal. Installed new oil filter P/N CH48108-1, serviced engine with 10 qts. Aeroshell 100 W plus. Cleaned, gapped and tested plugs. Cylinder compressions checked as follows: #1 79/80 #2 79/80 #3 79/80 #4 79 #5 70/80 #6 68/80. Checked L/H and R/H magneto timing to engine data plate. Performed ground run. Post inspection engine ground run-up, operational check and leak check satisfactory, no leaks noted. Checked AD biweekly's through 2015-10. All work completed IAW appropriate maintenance & service manuals. I certify this engine has been inspected in accordance with an Annual inspection and is in airworthy condition at this time.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service.

Michael R. Linhart

A&P 3500110 IA

May 20, 2015

END



ENGINE LOGBOOK ENTRY
REG. #: N5144U S/N: 21064851
Continental TSIO-520-R S/N: 291968
Tach Time: 615.2 TSMOH: 981.6

Squawk: Pilot reports cylinder #1 not indicating EGT or CHT.

Corrective Action: Troubleshoot system, Found cylinder #1 fuel injector line to be faulty. Removed faulty line and replaced with new (p/n: 636037-1). Also found water in fuel tanks, purged fuel system, and notified customer of findings. Performed ground run. Post inspection engine ground run-up, operational check and leak check satisfactory, no leaks noted. All work completed IAW appropriate maintenance & service manuals.

The aircraft, airframe, engine, propeller or appliance identified above was repaired and/or inspected in accordance with current regulations under the Federal Aviation Administration and is approved for return to service.

Michael R. Linhart

A&P 3500110

June 18, 2015

END

Make: TCM Model: TSIO-520-R Eng S/N: 291968 Reg# N5144U	Advantage Aviation LLC South Valley Regional Airport 7220 S 4450 W W Jordan, UT 84084 801-755-0042	W/O: 16-0164 Tach: 666.4 TSOH: 1032.8
--	--	---

C/W 100HR/Annual inspection IAW Cessna T210 Maintenance Manual & Single Engine Inspection Guide. Changed oil & filter. Cut & inspected filter. No defects noted. Serviced w/10 quarts A/S 100+ oil and a CH48108-1 oil filter. Performed differential compression test, as follows: 1 72/80 2 76/80 3 76/80 4 73/80 5 50/80 6 59/80. Master orifice reads 44. Removed exhaust heat exchanger and had welded. Reinstalled heat exchanger. Installed a new induction air filter element. Clean and gap all spark plugs. Washed engine and cowling. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a 100 HR/Annual inspection and found to be airworthy this date.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.

Date: September 2, 2016

Signature
 Huy Bui 36883251A

REINSTALLED ON N5144U IN JULY 2019 @ TACH: 0759.1

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 132697
4. Organization Name and Address: Pacific Oil Cooler Service, Inc. 1677 Curtis Court, La Verne, CA		F.A.A RF3R813L 91750		5. Work Order/Contract/Invoice Number: 132697	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	OIL COOLER	10634R	1	158	OVERHAULED
12. Remarks: Work Order Number (Block 5) describing the actual work performed is attached. The described work was performed in accordance with Manufacturer's Specification . (See Work Order) No applicable Airworthiness Directives work / status. Certifies that the work specified in Blocks 11/12 was carried out in accordance with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number: EASA.145.5554					
			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
			14b. Authorized Signature: 		14c. Approval/Certificate No.: RF3R813L
			14d. Name (Typed or Printed): Ricardo Gaytan		14e. Date (dd/mmm/yyyy): 06/June/2019
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					