ENGINE LOGS



operation#: 180	Revision#s	532		Rev Date: 0	10/44/17/0	-
cem Park Number	QEy Nomenclature	Titem To	ol Parc#	Tool Name		
APPLICABLE).	SERIAL NUMBER DATA SHEET RELA		2616(0)6)	/Manager states	9021 42	ty
DRIVE GEAR NO DRIVEN GEAR NO LEVE MAG H 1392	19213N STERTER A 0 8289 1910 R ALTERNATOR MA 14 LEFT TURBO MA 1925 FR OVERBOOST MA 1919 FR CONTROLLER MA		0	, b.98		
	WASTEGATE MY 809 BL OIL COOLER MA 9810 CK NOZZLE SIZE 148					

This engine model _TSI0520R11B__, Serial No. 294000-R, was rebuilt/zero timed on 09/10/98 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 Fart 21 of the Federal Aviation Regulations. The approved design data for this engine incorporated the following Service Bulletins and Airworthiness Directives.

SB		REMARKS			
M77-6 M79-2	77-05-04	REPLACED WITH NEW PART	N91-7	N/A	ULTRASONIC INSPECTION OF BARREL
M80-20	80-22-05	REPLACED WITH NEW PART ADDED PLATE & BOLTS	N/A N92-6	N/A	OIL FILTER CHANGE ROCKER SHAFT RETENTION IMPROVEMENT
M80-26 M86-7		TORQUE CHECK REPLACE WITH NEW PARTS			CRANKSHAFT REPLACED N/A SERIAL NUMBER NOT APPLICABLE
M87-5 M88-4	97-26-17 88-03-06	CRANKSHAFT ULTRASONIC INSPECTION REPLACED WITH NEW PARTS	CSB94-15 CSB94-15	N/A	REPLACED CAPACITOR AS APPLICABLE CRANKCASE STUD INSPECTION
M90-6 M90-21	89-24-01 N/A	REPLACED WITH NEW PARTS ULTRASONIC INSPECTION OF BARREL	CSB96-8 MSB96-10	N/A N/A	REPLACEMENT OF AIRMELT (NON-VAR) CSHAFTS CRANKSHAFT ULTRASONIC INSPECTION
M91-6	N/A	ULTRASONIC INSPECTION OF BARREL	MSB94-8A	N/A	MAGNETO TO ENGINE TIMING

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

Sheet 1 of 2 Continued on back cover TELEDYNE CONTINENTAL MOTORS
PRODUCTION PERSON CATE NO. 508

ENGINE LOG TIME ON TIME IN R.P.M. TOTAL TIME GROUND AIR DATE LICENSE REPAIRS - ADJUSTMENTS SIGNATURE Ground Min. Total NUMBER Min. Total Hrs. Min. Time = 909, = 2951 9923Y L 210 64641. or helt + Sh H 22 9819 FR on right F109 \$10 CR Englis TSO = 0.0 Hickory, N. C. Date 10/01/98 TT 2951,3 W.O. 500695 BROUGHT FORWARD TOTALS

							E	NGINE	LOG				-
DATE	R.P	.M.	TI GI	ME ON ROUND		AIR		TOTAL		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE	DA
-	Ground	Air	Hrs.	Min. Total	Hrs.	Min.	Total	Hrs.	Min.				-
12-7-99	Park	1 -	50	hr mass	stron	50	= 5	1.1	// /	0+1/1.4			=
	Char	ged 6	11;	Sarricel	with	10 gt	1	ero She	W W	0 109 filter			1 3
_	45 Opera	dans	inspe	del 0:	1 4:17	er;	ns tou	Coys	4/	4/80 # 5 (76/80 6 (74/80			
	Comp	ressio	n Che	ck) -11	1/80)	2 (7	50) 3	1759		7.89	t and bearing	344	
-										i certify that this Engine his	inspection	and	-
1 3													-
-								0		the straint distance for the minutes	Old Old Street	2	1
-										at this agency under work order	964.0		-
-										signed the B to	adel		-
										Profile Aviation Center, Inc. Repair Station FFGR 8700	9		-
										Hickory, N.C.		-	1
										tanger by the art		-	1
							-		-		-		1
					-								
BROUG	HT FORWA				-		-					0	
	TOTALS	, 1			1			-					
													-

ENGINE LOG R.P LICENSE Mar 2, 1999 N9923Y Engine S/n 294000-R Tach=994.8 ETS0=85.5 ATURE DATE NUMBER Ground 1. Performed Annual inspection. 2. Changed oil; serviced with Aeroshell 40 wt oil 12 quarts. 3. Opened and inspected oil filter; installed new CH48109 filter. 4. Compression check; #1(76), #2(74), #3(74), #4(75), #5(75) #6(72 3-2-99 TT 914.8 Repair Station FFGR 8700 Hickory, N. C. ROUGHT FORV TOTA ESS rent of ation

					Date 5/25/99 Engine TT: 118.4
ATE	R.P.		G	ROU	Engine Serial No. 29 4000-R Crankshaft Serial No. 1/14 I state that on the above date I have performed an examination on this engine's SIGNATURE SIGNATURE STATES OF Teledyne Continental Motors.
	Ground	Air	Hrs.	Mir	CSB 99-3A, paragraphs A and B, "Detailed Inspection Section". Consistent with LAW's Scope of Services, the areas examined met the acceptance criteria listed in Teledyne Continental Motors' procedure MHS-244 (05/05/99) "Ultrasonic Inspection of Crankshafts".
					Signed Softle Many for TCM
		Max	00	1	
		1			ed engine after crankshaft inspection per TCM CBS 99-3A chnician. This Complies With AD 99-09-17.

June 11, 1999 N9923Y C-T210N S/n 21064641 W0# 501055 Installed rebuilt engine fuel pump 646768-1A2 S/n L049801BR Aspected disproved Profile Aviation Center, Inc. Repair Station No. FFGR 870D Hickory, N. C. Tender Gull 49 TT 1040.6 W.O.\$ \$01055	Installed rebuilt engine fuel pump 646768-1A2 S/n L049801BR Aspected ad Approved Profile Aviation Center, Inc. Repair Station No. FFGR 870D Hickory, N. C.		ENGINE LOG			
Profile Aviation Center, Inc. Repair Station No. FFGR 8700 Hickory, N. C.	Profile Aviation Center, Inc. Repair Station No. FFGR 8700 Hickory, N. C.				SIGNATURE	
		by Dete 6	Repair Station N Hickory	Center, Inc. o. FFGR 8700 N. C.		

								1	ENGINE	LOG				-
-	0.0	.M.	Т	IME O	N		TIME I	N	TOTAL	TIME		SIGNATURE	LICENSE	D
DATE	Ground	Air	Hrs.	Min.		Hrs.	AIR Min.	Total	Hrs.	Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	NUMBER	
720-99	Tach	- 108	- 2			50=	N STREET	5.3 h						_
(1)	Cho	100	15 00		dwi	11	1	11		100 W	oil.			
(0)	Doud	and t	ngus	1/1	71 A	100000	ns	talled	new	CHT	8109 Oil Filter.			-
(3)	Took	6 A-	001	50	AP.	ample	1	10	1#00	641	4 *6 ("Ya)			
(4)	empressi	pn; 2/	(72/	(a) 2	CTOM	"3(0)	40)	4 (00)	(C) 5 (20)	6 (70)			
-	-										berg tayled by anyd			-
-										by_	John B legen	for		-
											Panis Aviation Control Inc.			=
											Hickory, N. C.			-
										Dobs	9-20-99 11 1084.6410 50	1191		11
									-	Spinster,	THE II WOULD WINE SO	140		
-														
														-
									5.					-

							1	ENGINE I	OG				-
DATE	R.P.	м.		IME ON ROUND		TIME II	4	TOTAL T	IME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE	
DATE	Ground	Air	Hrs.	Min. Tol	ol Hrs.	Min.	Total	Hrs.	Min.				-
		SIGNEI REPAIL 1) Re 2) C) 3) C/ 4) Ad PERTIN	P STAT eplaced vilinder cow 1000 lijusted filent Deplaced fil	ION NO. P ANI oil filter, dr ompression hr, time ch uel pressu ETAILS AI	AIR 208A. VUAL INSP	ECTION d service #2=72, rbochar 0-520 ne	N#N INSPI THY COM Y UNDER OPEN DONE OPEN DONE	PER 210 & Aeroshell 80 #4=72, #5=7 he check val	CCORE ERTINEI RDER N AVIATIO 7210 SI 7210 SI 0, 40 WT 0, #6=6 ves.	DANCE WITH AN ANNUAL INSINT DETAILS OF THIS INSPECT IO.: 44315 DATE: 01/19/00 ON SERVICES, INC. WINSTON- ERIES SERVICE MANUAL , mineral oil.	SALEM, N.C.		-
ROUG	HT FORWA												

	ENGINE LOG			-
Mar 21, 2000 N9923Y E	ingine S/n 294000R	WO# 501415	SIGNATURE	- LICENSE NUMBER
1. Changed oil; serviced with 2. Opened and checked oil filte 3. Performed ground runs and Tach Time = 1166.1 Time since Reman = 256.8	Above was inspected in accorded Federal Aviation Regulations are worthy for return to service. Perting repair are on file at this again order No. 5014/5 Date 3-21-00, T.T. Signed Profile Aviation Cent	ance with current and was found air- ment details of this ency under work 1166. Tack		
іднт			1	

ENGINE LOG June 23, 2000 N9923Y Engine S/n 294000-R WO#501518 + 510 LICENSE TURE R.PEA NUMBER DATE Ground Performed 50hr inspection. Installed Rebuilt Fuel Pump 646768-1A2 S/n C230032BR and adjusted per M/M. Changed oil; serviced with 10 qts of Acroshell 100W oil Opened and checked oil filter; installed new CH48109 oil filter. 5. Installed 6 ca new RHB 32E spark Plugs. Compression Check; #1 (70/80), #2 (73/80), #3(69/80), #4(70/80), #5 (73/80) and #6 (73/80). Tach = 1215.0Engine TSO = 305.7 I Certify that this Engine was inspected in Accordance with a 50 hr inspection and was found to be in Airworthy Condition. A&P/239768632 Profile Aviation Center Hickory, N.C. Date 6/23/00 WO# 50/518 4 50/510 BROUGHT FORWA TOTALS

DAT

BRC

ENGINE LOG LICENSE Feb 1, 2001 N9923Y Engine S/n 294000-R WO# 501820 SIGNATURE NUMBER DAT 1. Performed Annual/100hr inspection. Changed oil; serviced with 10qts of Aeroshell 80W oil. Opened and inspected oil filter, installed new CH48109 oil filter. Installed 6ea new RG534857 Valve Cover Gaskets. Installed 6ea new RHB 32E spark plugs. 6. Adjusted timing on both mags to 22 degrees. 7. Compression; #1 (60/80), #2 (69/80), #3 (63/80), #4 (66/80), #5 (65/80) & #6 (68/80) Tach = 1274.3 Engint TSO = 365.0 Repair Station FFGR 8700 Hiday, N.C.

	ENGINE LOG		
DATE		SIGNATURE	LICENSE NUMBER
	Nov 2,2001 N9923Y Engine S/n 294000R WO# 502194		
	1. Changed oil; Serviced with 10 qts of AeroShell 80W oil. 2. Opened and inspected oil filter, installed new CH48109 oil filter. 3. Took GA001 SOAP sample. Tach = 1337.1 Engine TSO = 427.8 The above work was inspected and found Airworthy for return to service. By South Bound Service. By House for Profile Aviation Center Hickory, N.C.		
	Date 11/03/01 WO# 502194		

	Mar 1, 2002 N9923Y Engine S/n 29400	0-R WO# 502335	SIGNATURE	LICENSE
Ge	1. Performed Annual/100hr inspection.			No.
	2. Took GA-001 SOAP sample.			124
	3 Changed oil: serviced with 10gts of Aeroshell 100V	V Ptus oil.		
	4. Opened and inspected oil filter; installed new CH48	3109 oil filter.		
	5. Compression; #1 (65/80), #2 30/80), #3 (70/80), #-	4 (20/80),	-	
	#5 (68/80) & #6 (64/80)		-	THE RESERVE AND ADDRESS OF THE PARTY OF THE
	Tach = 1365.4 Engine TSO = 456.1		-	1
	I martily the	at this English has been inspected	-	
		whice with a House inspection and mined to be in alloworthy condition.	A CONTRACTOR OF THE PARTY OF TH	
	Was Celett Parlinent	details of the inspection are on file		The same of
	at this age	details of the inspection are on file ency under work order # 502335		Marine Marine
	Data 2:	1-02 11 1363.7		
	Signed	- pl- Bleady	-	
1	Profile AV	tation Center, Inc.	-	1
	Pageir St	ation FFGR 870D	-	1
	Hidrory, 1	n.G	-	
-			-	-
-				
				THE SERVICE OF
HT FL		1		Mary Control of the C

	R.	CHARLES THE PARTY OF THE PARTY		LICE
DATE	Ground	April 19, 2002 N9923Y Engine S/n 294000R WO# 502398	VATURE	NUMB
		1. Installed 2ea new TCM 655470A2 Cylinder assemblies in #2 and #4 position.	-	
		2. Changed oil: serviced with 10gts of AeroShell 100 mineral oil.		
		3. Opened and inspected oil filter, installed new CH48109 oil filter.		
		4. Performed ground runs and adjustments per TCM instructions.		
		Tach = 1368.9 Engine TSO = 459.6		1
		The above work was inspected and		
9 11.7		found Airworthy for return to service.		
-		By John B liague for		
		Profile Aviation Center Inc.	1000	1
		Hickory, N.C.	1-1-	
	The same	Repair Station FFGR 870D		1
		Date 4/19/02 WO# 50238		
			-	-
			- I - I	

ENCINE I DC

ATE	ENGINE 04/04/03 TACH: 1387.7 LATURE NUM	MBER
412	AIRCRAFT NO.: N9923Y ETT: 478.4	
	ENG. /MODEL: TSIO520-R . W.O.2003-02611 ENG. S/N:294000-R	7
	COMPLIED WITH AN ANNUAL INSPECTION I.A.W C-210 MAINT. MANUAL AND	
	INSPECTION CHECK LIST. • DRAINED ENGINE OIL, REMOVED OIL FILTER, CUT OPEN, NO METAL FOUND, INSTALLED NEW OIL FILTER P/N CH48109, SERVICED ENGINE WITH 10 QTS AEROSHELL 100W. WASHED ENGINE.	
	• CYL COMP. #1 67/80 #2 68/80 #3 64/80 #4 68/80 #5 68/80 #6 64/80.	
-	• CLEANED AND RE-GAPPED SPARK PLUGS.	-
	• C/W A-D 71-09-07R1. EXHAUST/HEAT MUFFLER INSP. • C/W ALL APPLICABLE AD'S AND BI-WEEKLY'S THRU 2003-06.	
	THIS AIRFRAME OR ENGINE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO.2003-02611.	
	DATE: 04/04/03 McCREERY AVIATION CO., INC. FAA REPAIR STATION NO. CRSHLFR716E McAllen TX 78503	

		ENRINE LTG		
DATE	R.P.M.	GREGG AIRCRAFT SERVICES, INC. RT. 3, EAST TEXAS REGIONAL AIRPORT LONGVIEW, TX 75603 903-643-0980	SIGNATURE	LICENSE NUMBER
BROUG	HT FORWARD TOTALS	N9923Y 9-19-03 TACH: 1404.0 TTE: 494.7 Completed a 100-hour inspection in accordance with C-T210 checklist. Compressions checked 63-72-70-70-65-68/80. Filter opened and no contamination noted. Replaced with CH48109. Oil not changed at this time. 50-hour change would be due at 1437.7 tach time. Complied with AD96-12-07 by inspection of both magneto impulse coupling pins and pawis; satisfactory. Magneto internally inspected as recommended by 500-hour inspection. AD71-09-07R1 complied with by pressure check of cabin exhaust heat exchanger; no cracks noted. Fuel screens and injectors cleaned. Plugs cleaned and papped. Replaced #2 cylinder exhaust nut. I certify this engine has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition. Jordan Groody		

ENGINE LOG

Tomas I	R.P.	м.		ME O			TIME IN	7	TOTAL	TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
DATE	Ground	Air			Total	Hrs.	Min.	Total	Hrs.	Min.			1000000
Oct	31,20	03	TAL	1 Til	4E /	454-4		CHAN	E OIL	- 1	10 FICTER (CH48109) 14	SPECTED 1	TILTOR
								WITH	NO 0	PONT	MINATION NOTED SERVIL	ENGUE	W174
								905	AERO.	SHELL	W100-50 CLEANED ENGIN	E company	NENT _
								Run	ENGIN	E AI	TO CHECKED FOR LEAK, RE	TUDW 70 9	TRY CE
										121			-
_									SAL K	7875	Alphe Omege Jet Service	48	
-											P.O. Box 1220 Sulphur Springs, TX 75	483	
											Sulphur Springer, 17.		
_				-									
				-									
	100		-	-	-	1							
				-	-	-							
			-	-		-	+						
				-		-	-		-				
						-	-						
BROUG	HT FORW	ARD					-		-				
	TOTAL	.5											

Alpha Omega April 1, 2004 Cessna T210N Tach Time: 1547.3 Oil Change Drained oil and removed filter. Installed new Champion oil filter P/N CH48109, filled with 10 quarts of Alpha Omega S/N: 64641 Drained oil and removed filter. Installed new Champion oil filter P/N CH48109, filled with 10 quarts of Alpha Omega P. O. Box 1220, Sulphur Springs, TX 75483-1220 Phone (903) 438-9922 Fax (903) 438-9933 Oil Change Drained oil and removed filter. Installed new Champion oil filter P/N CH48109, filled with 10 quarts of Aeroshell Oil W 100 SAE 50 and cleaned engine compartment. Operational/Leak Check satisfactory. Aeroshell Oil W 100 SAE 50 and cleaned engine compartment. Operational/Leak Check satisfactory.			A STATE OF THE STA		ENGINE LOG			
Alpha Omega Jet Services Inc. P. O. Box 1220, Sulphur Springs, TX 75483-1220 Phone (903) 438-9922 Fax (903) 438-9933 April 1, 2004 Cessna T210N Tach Time: 1547.3 Oil Change Drained oil and removed filter. Installed new Champion oil filter P/N CH48109, filled with 10 quarts of Drained oil and removed filter. Installed new Champion oil filter P/N CH48109, filled with 10 quarts of Drained oil and removed filter. Installed new Champion oil filter P/N CH48109, filled with 10 quarts of	DATE		GROUND	AIR	TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	
Cessna T210N Tach Time: 1547.3 Oil Change Drained oil and removed filter. Installed new Champion oil filter P/N CH48109, filled with 10 quarts of		Ground I die	A Alt	ha Omega Services Inc.	P. O. Box 12 Phone (903)	20, Sulphur Springs, TX 75483 438-9922 Fax (903) 438-9933	-1220	
Drained oil and removed filter. Installed new Champion oil filter P/N CH48109, filled with 10 quarts of		Cessna T	Γ210N	Reg. No. N99 S/N: 64641	23Y			
		-		ter. Installed new Ch 0 and cleaned engine	ampion oil filter compartment.	P/N CH48109, filled with 10 que operational/Leak Check satisfact	tory.	

Cessna T210N Tach Time: 1610.4 Oil Change Drained oil and removed filter. Installed new Champion oil filter P/N CH48109, filled with 10 quarts of Aeroshell Oil W 100 SAE 50 and cleaned engine compartment. Operational/Leak Check		ENGINE LOG	
Phone (903) 438/9922 Fax (903) 438/992 Fax (903)	R.P.M. GROUND	18 TOTAL TOTAL	SIGNATURE LICENSE NUMBER
Cessna T210N Tach Time: 1610.4 Oil Change Drained oil and removed filter. Installed new Champion oil filter P/N CH48109, filled with 10 quarts of Aeroshell Oil W 100 SAE 50 and cleaned engine compartment. Operational/Leak Check		P. O. Box 1220, Saliphur Springs, TX, 75-903-1226 Phome (903) 438-9922 Fax (903) 438-9933	
Drained oil and removed filter. Installed new Champion oil filter P/N CH48109, filled with 10 quarts of Aeroshell Oil W 100 SAE 50 and cleaned engine compartment. Operational/Leak Check	June 18, 2004 Cessna T210N Tach Time: 1610.4	Reg. No. N9923Y S/N: 64641	
1 560731 11 LIM	of Aeroshell Oil W 100 SA	Iter. Installed new Champion oil filter P/N CH48109, filled with 10 of E 50 and cleaned engine compartment. Operational/Leak Check	quality

	Alpha Omega Jet Servi	ces Inc.	18	12	
ATE	Gro	P. O. Box 1220, Sulphur Springs, TX Phone (903) 438-9922 Fax (903) 438-	75483-1220	ATURE LICENSE NUMBER	
	October 27, 2004 Cessna T210N	N9923Y S/N: 21064641			
	TTAF: 3636.1 Continental TSIO-520-R11B —TSFRM: 722.4 Tach Time: 1631.7	S/N: 294000-R			1
	add Thie. 1031.7	100 Hour Inspection	-		
	2. Removed heat exchanger assemble heat exchanger P/N 1250860-203; 3. Drained oil and removed filter. In Agreehall Oil W100	y and sent to Aerospace Welding, Inc. for overnal S/N AWI 79361. Installed new Champion filter CH48109. Service k plugs with new Champion RHB32E plugs.	ul. Reinstalled overhauled —		
1	0. Eligilic tur-up, ican olicen, P				

								ENGINE	LOG		
	≥ R.P.	и.	T G	IME ON ROUND		TIME I	N	TOTAL	TIME	REPAIRS - ADJUSTMENTS SIGNATURE LICE	NSE
DATE	Ground	Air		Min. To	tal Hrs		Total	Hrs.	Min.	REPAIRS - ADJUSTMENTS SIGNATURE NUM	BER
11-8-	04	70	ach	1633	7	# /	Cla	pre	esc.	Chechel 1-62#2-80 3	- 80
						74	- 80 (V5-3	4	To Jamas Brand	
										AXP (43/02)	
		CA	ND FC	ED OIL	AND FI	STALL	EXAMI ED NEV	NED OL	109-1 C N PERI	TER FOR METAL CONTAMINATION OIL FILTER. SERVICED ENGINE FORMED. NO EVIDENCE OF LEAKS.	
							0	A&P219	Z		

	ENGINE 100		
CHEROKEE COUNTY AIRPORT	MODEL: TCM TSI A/C REG: N9923Y A/C S/N: 2106464	O-520- DATE: 07-22-05 TACH: 1686.2 TOTAL:	LICENSE NUMBER
BALL GROUND, GA 30107		SMOH:	
OIL DRAINED. FILTER REMOVED AND AEROSHELL W100 OIL. ENGINE TEST R	CHECKED. INSTALLED CHANNEL AND LEAK CHECKED. RE	18109 OIL FILTER AND SERVICED WITH TURNED TO SERVICE.	
SIGNED: Jui forthe	iy	CERT#:260254230 A&P IA	
			100

	ENGINE LOG		
S & S AVIATION CO.	MODEL: TCM TSIO-520R11	IB DATE: 11-08-05	LICENSE
CHEROKEE COUNTY AIRPOR		TACH: 1735.5	NOWBER
1800 AIRPORT DRIVE	A/C S/N: 21064641	TOTAL: 826.2	4
BALL GROUND, GA 30107	ENG S/N: 294000-R	SMOH: 826.2	
REINSTALLED CYLINDERS WITH NEW COUPLERS. INSTALLED FLOSCAN 201BM FROM THROTTLE BODY TO FUEL MAREINSTALLED WITH NEW 640612 WASHE TIMING CHECKED. FUEL SCREENS CHILD SYSTEM AND HEATER MUFF. NO DEFECTION OF THE PROPERTY OF THE	M FUEL FLOW TRANSDUCER PER STC SA NIFOLD WITH 111-4 HOSE. REMOVE R. SPARK PLUGS CLEANED, GAPPED, PA ECKED. COMPLIED WITH A.D. 71-09-07	000432SE. REPLACED FUEL HOSES D #5 INJECTOR, CLEANED, AND AINTED, AND ROTATED. IGNITION TRI BY INSPECTION OF EXHAUST	

7 2 2 2 2 3 2 3 2			
	PHOINE 100		
S & S AVIATION CO. CHEROKEE COUNTY AIRPORT 1800 AIRPORT DRIVE BALL GROUND, GA 30107	MODEL: TCM TSIO-520R11B A/C REG: N9923Y A/C S/N: 21064641 ENG S/N: 294000-R	DATE: 04-03-06 TACH: 1760.9 TOTAL: SMOH:	LICENSE NUMBER
OIL CHANGED, FILTER REMOVED AND	CHECKED. SERVICED WITH 10 QTS AERO	SHELL 100 OIL AND CH48109	
OIL CHANGED, FILTER REMOVED AND FILTER. ENGINE WASHED, RAN, CHECKE	ED FOR PERFORMANCE AND LEAKS. RETU	JRNED TO SERVICES	
SIGNED: frie Hardre	'	CERT#:260254230 A&P IA	
S & S AVIATION CO. CHEROKEE COUNTY AIRPORT 1800 AIRPORT DRIVE	A/C S/N: 21064641	DATE: 08-11-06 TACH: 1821.9 TOTAL:	
BALL GROUND, GA 30107	ENG S/N: 294000-R	SMOH:	
OIL CHANGED, FILTER REMOVED AND CITETER. ENGINE WASHED, RAN, CHECKED	HECKED. SERVICED WITH 10-QTS AEROS FOR PERFORMANCE AND LEAKS. RETU	SHELL 100 OIL AND CH48109 RNED TO SERVICE.	
SIGNED: Jul Hechi	7	CERT#:260254230 A&P 1A	
1			

THE STATE OF THE S			6
The state of the s	******* 1 MM		
S & S AVIATION CO.	MODEL: TCM TSIO-520R11B	DATE: 04-03-06	
CHEROKEE COUNTY AIRPORT	7 A/C REG: N9923Y	TACH: 1760.9 SNATURE	LICENSE
1800 AIRPORT DRIVE	A/C S/N: 21064641	TOTAL: .	NUMBER
BALL GROUND, GA 30107	ENG S/N: 294000-R	SMOH:	
OIL CHANGED, FILTER REMOVED AND FILTER, ENGINE WASHED, RAN, CHECK SIGNED:	CHECKED, SERVICED WITH 10 QTS AEROS ED FOR PERFORMANCE AND LEAKS. RETUI	RNED TO SERVICE. CERT#:260254230 A&P IA	
E & C AVIATION CO	MODEL: TCM TSIO-520R11B	DATE: 08-11-06	
S & S AVIATION CO. CHEROKEE COUNTY AIRPORT		TACH: 1821.9	
1800 AIRPORT DRIVE	A/C S/N: 21064641	TOTAL:	
BALL GROUND, GA 30107	ENG S/N: 294000-R	SMOH:	
OIL CHANGED, FILTER REMOVED AND CONTROL FILTER ENGINE WASHED, RAN, CHECKET SIGNED:	FOR PERFORMANCE AND LEAKS, RETURN	ELL 100 OIL AND CH48109 NED TO SERVICE. CERT#:260254230 A&P IA	

	EMBINE LOS		
S & S AVIATION CO.	MODEL: TCM TSIO-520R11B	DATE: 12-08-06	
CHEROKEE COUNTY AIRPORT	T A/C REG: N9923Y	TACH: 1860.8	ATURE L
1800 AIRPORT DRIVE	A/C S/N: 21064641	TOTAL: 0951.5	
BALL GROUND, GA 30107	ENG S/N: 294000-R	SMOH: 0951.5	
	CHECKED. SERVICED WITH 10 QTS PHILL		
FILTER. COMPRESSION CHECKED - #1-67	, #2-70, #3-65, #4-XX, #5-70, #6-XX. REPLACE	D CYLINDERS #4 & #6. WITH	-
	CN 71.2 S/N'S 40103-10 AND 21314-1 WITH NE CTED LEFT AND RIGHT MAGNETOS. REPL		
	RIGHT MAG P/N 10-349276 REPLACED LEFT		-
ASSY'S P/N 10-382584. SET INTERNAL TIM	IING AND RE-INSTALLED ON ENGINE. SPAR	K PLUGS CLEANED, GAPPED,	
	TIMING CHECKED. FUEL SCREENS CHECK		
	T SYSTEM AND HEATER MUFF. NO DEFECT	S NOTED. ENGINE WASHED,	-
RAN. CHECKED FOR PERFORMANCE AN	ID LEAKS. RETURNED TO SERVICE.		-
SIGNED: Line Harding		CERT#:3191860 A&P IA	-
SIGNED. for flower		CERCIA: 5171000 Meet III	
OUGHT FORWARD			
TOTALS			

S & S AVIATION CO.	MODEL: TCM TSIO-520R11B	DATE:	04-24-07
CHEROKEE COUNTY AIRPOR		TACH:	1887.4
1800 AIRPORT DRIVE	A/C S/N: 21064641	TOTAL:	
BALL GROUND, GA 30107	ENG S/N: 294000-R	SMOH:	
OIL CHANGED, FILTER REMOVED AN FILTER. ENGINE WASHED, RAN, CHEC	D CHECKED. SERVICED WITH 10 QTS AEROS KED FOR PERFORMANCE AND LEAKS. RETUI	HELL 100 OIL AN	ND CH48109 E.
SIGNED: Jis Alas		CERT#:3191860	A&PIA
S & S AVIATION CO.	MODEL: TCM TSIO-520R11B	DATE:	12-01-07
CHEROKEE COUNTY AIRPOR	RT A/C REG: N9923Y	TACH:	1934.0
1800 AIRPORT DRIVE	A/C S/N: 21064641	TOTAL:	1024.7
BALL GROUND, GA 30107	ENG S/N: 294000-R	SMOH:	1024.7
	D CHECKED. SERVICED WITH 10 QTS AEROSH		
	1-70, #2-68, #3-68, #4-75, #5-73, #6-79. SPARK MING CHECKED. FUEL SCREENS CHECKED. CO		
	APTER. NO DEFECTS NOTED. ENGINE WAS		
PERFORMANCE AND LEAKS. RETURN			
SIGNED: July		CERT#: 2562957	713 A&P IA
- Francisco			Control of the second



Approved design data and are in condition for safe operation.

Non-approved design data specified in Block 13.

15 Authorized Signature

16 Approval/Authorization No.

NIA

N/A

17. Name (Typed or Printed)

/A

18 Date

N/A

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

20 Authorized Signature

Edward Taging

22 Name (Typed or Printed)

Edward Rigney

21 Approvat/Certificate No.

YPGR715L

23 Date

4/11/2007

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

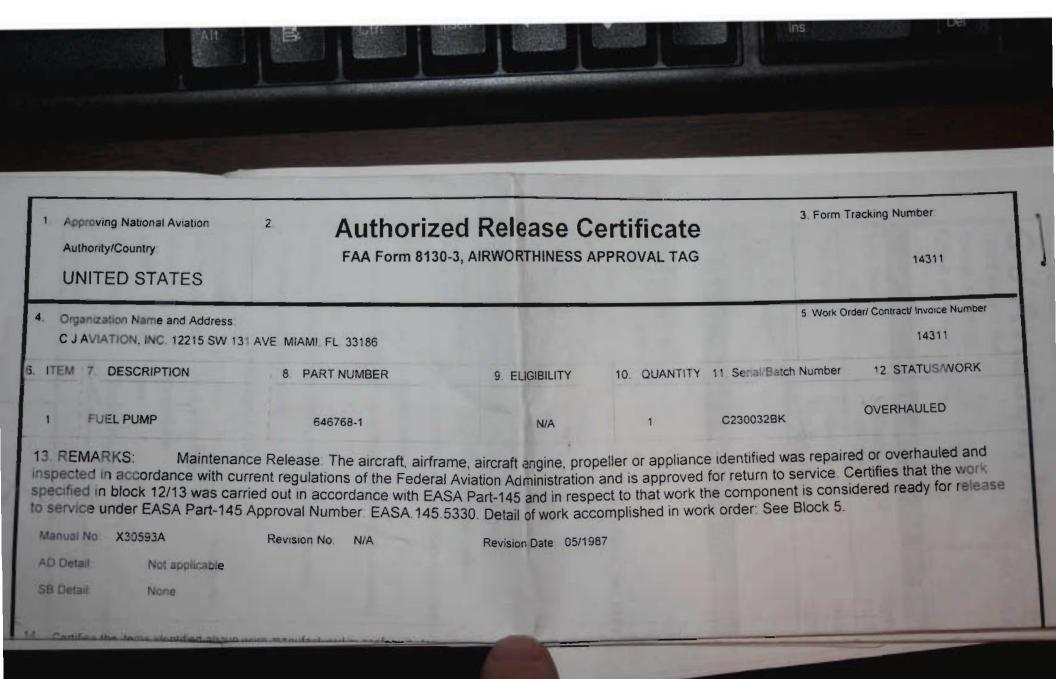
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1

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.

FAA FORM 8130-3 (11-01)

installer must cross check eligibity with apply able technical data

NSN 0057 0000 1102





Reg: N9923Y

Model: TSIO-520-R (11)

S/N: 294000-R

Date: April 18, 2007

Tach: 1883.9

IRS - ADJUSTMENTS

SIGNATURE

Installed overhauled fuel pump P/N: 646768-1 S/N: C230032BK with work order #14311.

Adjusted fuel pressure in accordance with Teledyne Continental SID97-3C. Ground run ops check no leak noticed.

Tung Pham AP3087939

ROUGHT FORWARD

TOTALS



EPPS X

DAT

AJRCRAFT REG: 9923Y

DATE: 9/17/08

MFG: TCM

WORK PACKAGE P1305

MODEL: TSIO-520-R11B

TACH TIME 1952.0

SERIAL: 294000-R

R ENG TO

ENG TOTAL TIME: 3956.2

HOUR METER: N/A

TSMOH:

Performed 100 hour inspection. Ran engine to check parameters, took cylinder compressions1-55.2-48.3-55.4-65.5-60.6-45/80. master orifice 37/80. Drained oil and removed filter. Cut filter open to check for contaminants, none noted, Installed new CH48109-1 filter. Serviced engine with 10 qts. of ASW100 oil. Cleaned, gapped, tested and rotated spark plugs. Re-installed spark plugs with new M674 gaskets. Checked magneto to engine timing, checked good. Checked fuel screens, checked ok. Complied with AD 71-09-07 R1 Dated 1 V26/86. By pressure test of the exhaust system per paragraph (a)(1). No defects noted. Next inspection due in 50 hrs. Replaced turbo inlet hose with new F222010. Adjusted mixture per Cessna T210N Maint. Manual para. 12-86. Washed and ran engine, leak and ops. check ok, i certify that this engine has been inspected IAW a 100 hour inspection per quideline checklist in FAR 43 Appendix D. was found to be in airworthy condition and is approved for return to service.

The aircraft, airframe, engine, propeller or appliance identified the expaired and inspected in accordance with current regulations of the Federal Aviation Administration and application return to service. Pertinent details of the repair are on file at this repair station under work paratiles.

P1305

BROL Signed Squart Domit

for Epps Air Service, Inc. ESMR6531 TAMBler Stev

Page

of

Pages

Ground	ENGINE LOG BOOK ENTRY Engine: N9923Y TCM TSIO-520-R S/N 294000R Date: 11/3/2009 Engine T.T: 1063.1 TSFR Indicated Time: 1972.4 TACH W/O: 5492 COMPLETED A 100HR / ANNUAL INSPECTION USING C210 SERVICE MANUAL CHAPTER 2-25. CHNAGED OIL AND FILTER, SERVICED 10 QTS AEROSHELL 100W OIL. CLEANED, GAPPED, AND TESTED SPARK PLUGS. AD 09-16-03 TCM SAP CYLINDERS N/A BY MODEL. RESEARCHED AD'S THRU 2009-22 ISSUE END.			NATURE	NUMBE
	DIFFERENTIAL COMPRES 1-80/52 4-80/62 2-80/52 5-80/60 3-80/58 6-80/70 355 Pinson Drive Corpus Christi, TX 78406 (361) 289-1884	SION in accordance with a some And was determined to be in airus Date 1/304 XISB reading 50.436 Signed DA ADVANTAGE AIRCRAFT SERVICES TO FAA CRS Q2AR598N 355 PINSON DRIVE, CORPUS CHRISTI, TX 78408	n va e inspection		

O COES

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ENSE MBER

DATE	R.P.M.		TIME ON GROUND				TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
DATE	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	VELVINA - VEDOSIMEN IS	JIONATORE	NUMBE
	ENGINE N ENGINE S REG. NO. WORK OF 4482-01-2	N9923Y RDER	4 5	77 Sanda lan Antoni	tar Aer	ngar F 18216 USA					DATE 1/29/2010 A/C TSN ENG TT TACH 1993 9		
	Engine	Entries											L
	Change er	ngine oil, no	filter char	nge at this	time. Ser	vice engine	with 8 Q	TS Aeroshe	100W.				
	Title abitoria	D. SEE SLEEP STATE	HIGHWAY RESIDENCE	A D PLANES HATTER	M. BELLUTTE, T	THE PERSON NAMED IN	and the latest designation of the latest des						
	DATE: 1/		proved for							sis repair statio	wenance rules of the Federal Aviation in under the referenced Work Order Work Order 4482-01-2010 Printed by ESis 3 (discornedia.com)		
	number."		proved for										
	number."		proved for										
	number."		proved for										
BROUGI	number."	29/2010	proved for										



ENGINE LOG BOOK ENTRY

SIGNATURE

Engine: N9923Y TCM TSIO-520-R S/N 294000R Date: 12/7/2010 Engine T.T: 1144.5 Indicated Time: 2053.8 TACH W/O: 5768

Engine T.T: 1144.5 Indicated Time: 2053.8 FACH W/C: 5766

COMPLETED A 100HR / ANNUAL INSPECTION USING C210 SERVICE MANUAL CHAPTER 2-25.

CHANGED OIL AND FILTER, SERVICED 10 QTS AEROSHELL 100W OIL. INSTALLED 12 EA NEW CHAMPION RHB-32E SPARK PLUGS. AD 10-11-03 TCM LIFTERS N/A, NO RECORD OF SUSPECT LIFTER INSTALLATION. RESEALED TURBO INLET CHECKVALVE. REMOVED ENGINE DRIVEN FUEL PUMP AND RESEALED SEEPING FITTINGS, REINSTALLED WITH NEW GASKET. RESEARCHED AD'S THRU 2010-23 ISSUE. END.

DIFFERENTIAL COMPRESSION 1-80/52 4-80/72 2-80/52 5-80/53 3-80/54 6-80/76

355 Pinson Drive Corpus Christi, TX 78406 (361) 289-1884 I certify that this ENLINE has been inspected in accordance with a 100 it? Annua Vinspection and was determined to be in according condition Date/2-20 Schrauding 21538 Jotal time 1/44.5

Signed

ADVANTAGE AIRCRAFT SERVICES, INC. David D. Holzschuh
FAA CRS Q2AR598

THE PINSON DRIVE, CORPUS CHRISTI, TX 78498

BROUG

DATE

IUIAL3

ENGINE LOG

DATE	R.P.M.			TIME ON GROUND		TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.		JONATORE	NUMBER
5-30-1	2 21	45.	3 6	1/10	AD.	201	2-	10-5	2:1	VA	PER TURBO MANUTACI	WEER -	
	er :	TUST	MET)	9	1	m	ous	n A	ep/s	+ 3182126 _		
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ENGINE MODEL: ENGINE S/N: REG. NO: N9923Y WORK ORDER:

Advanced Aircraft Services

DATE: 7/27/2012 A/C TSN: ENG TT: HOBBS: 2151.4

2346-07-2012

530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179

Engine Entries

Completed an SID 97-3E Fuel system setup. Adjusted prop RPM for max static 2650. Ops check good.

Maintenance Release

The aircraft and/or component(s) on N9923Y was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 7/27/2012

SIGNED:

Work Order: 2346-07-2012

Derrick S. Miller, A&P: 3221608



ENGINE MODEL: ENGINE S/N: REG. NO: N9923Y WORK ORDER:

Advanced Aircraft Services

DATE: 9/11/2012 A/C TSN: ENG TT: HOBBS: 2174.6

REG. NO: N9923Y WORK ORDER: Lititz, PA 17543 2464-09-2012 Phone: 717-735-5179

Engine Entries

Installed GAMI fuel injectors IAW STC SE09289SC. Ref. form 337 for details. Ops check good.

Maintenance Release

The aircraft and/or component(s) on N9923Y was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 9/11/2012 SIGNED: Work Order: 2464-09-2012

Milan Jovanovic, IA: 3164117

ENGINE MODEL: ENGINE S/N: REG. NO: N9923Y WORK ORDER:

Advanced Aircraft Services

DATE: 9/26/2012 A/C TSN: ENG TT: HOBBS: 2177.4

REG. NO: N9923Y WORK ORDER: Lititz, PA 17543 2494-09-2012 Phone: 717-735-5179

Engine Entries

Removed and replaced cylinders #1, #5, and #6 GAMI injectors. run up check good.

Maintenance Release

The aircraft and/or component(s) on N9923Y was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 9/26/2012 SIGNED: Work Order: 2494-09-2012

Jason T. Henry, A&P: 160544469

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ENGINE MODEL: TSIO-520-R11 ENGINE S/N: 294-000-R REG. NO: N9923Y WORK ORDER:

Advanced Aircraft Services

DATE: 1/25/2013 A/C TSN: ENG TT: HOBBS: 2191.3

530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179

Engine Entries

2528-10-2012

Drained the engine oil and replaced filter, Serviced engine with 8 qts of Aeroshell 2F Anti-rust oil. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.... Removed and installed the fuel injection lines for flow test. All lines tested good.... Drained the engine oil and replaced filter, Serviced engine with 9 qts of Aeroshell W100. Cut open filter and inspected, no contamination found at this time. Ground run and leak checked good.

Maintenance Release

The aircraft and/or component(s) on N9923Y was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found UNAIRWORTHY and was recommended not to be returned to service.

DATE: 1/25/2013 SIGNED: Work Order: 2528-10-2012

Richard A. Barnhart II, IA: 3124994AP



ENGINE MODEL: TSIO-520-R11 ENGINE S/N: 294-000-R REG. NO: N9923Y WORK ORDER: 2698-01-2013

Advanced Aircraft Services

DATE: 2/27/2013 A/C TSN: ENG TT: HOBBS: 2191.3

530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179

Engine Entries

Drained oil and installed 9 quarts of Aeroshell 15W50.

Maintenance Release

The aircraft and/or component(s) on N9923Y was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 2/27/2013 SIGNED: Work Order: 2698-01-2013

Milan Jovanovic, IA: 3164117AP

Printed by EBis 3 (datcomedia.com)



330 Aviation Way Frederick, MD 21701 301-662-8156 CRS LC1R291K

Date: 4/19/2013; Aircraft: N9923Y; Tach: 2193.60 Shop Order #: S05-13-61365

Cut open and inspected oil filter, no contaminates found (no oil change done at this time). Compression checked as follows: 1-78/80 2-77/80 3-78/80 4-79/80 5-78/80 6-77/80 (master orifice reads 42/80). CW ICA for TCM cylinders per SB96-12 including borescope on all cylinders and provided owner with pictures. Installed new feed through cap on left

mag. Fabricated and installed new intake pipe drain line aft of number 2 cylinder. Stop drilled small crack in baffle above governor and added spiral wrap to protect from further chafing. Checked torque on both turbo clamps and safetied. Post maintenance ground run satisfactory, no leaks noted. I certify that this engine has been inspected in accordance with a 100 hour inspection and has been approved for return to service.

C. John Colaluca for Landmark Aviation CRS LC1R291K

	drilled small crack in baffle above governor and added spiral wrap to protect from further chafing. Checked torque on both turbo clamps and safetied. Post maintenance ground run satisfactory, no leaks noted. I certify that this engine has been inspected in accordance with a 100 hour inspection and has been approved for return to service. C. John Colalucator Landmark Aviation CRS LC1R291K
7/19/13	2213:1 Repland Gaspion 21th 32 & sporte plugs of Tempest URHB32 & 1Aw shouland problems + C210 Maintine Manual. Post-main. grand run southerty all plugs aparteral.
	shouland prubeus + C210 Manhouse manual. Post-main.
	grand run societaty, all plays operand.
	P.L. Stagg // PP3204976

ENGINE MODEL: TSIO-520-R11 ENGINE S/N: 294-000-R REG. NO: N9923Y WORK ORDER: 3154-11-2013 Advanced Lancaster LP 530 Airport Rd. Littz, PA 17543 Phone: 717-735-5179 DATE: 12/3/2013 A/C TSN: ENG TT: HOBBS: 2246.4

Engine Entries

Drained the engine oil and replaced filter, Serviced engine with 9 qts of Phillips 20W50 X/C and camguard. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Visually inspected the engine compartment for leaks and chafing. Serviced the hydraulic reservoir. Checked tire wear and serviced tire pressures. Inspected the brakes. Completed an external light ops check. Inspected the battery for proper electrolyte level. Ground run and leak checked good.... Removed all sparkplugs, cleaned, verified resistance, and tested. No defects noted. Rotated and reinstalled all sparkplugs.

Maintenance Release

The aircraft and/or component(s) on N9923Y was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 12/3/2013 SIGNED: Work Order: 3154-11-2013

Milan Jovanovic, IA: 3164117AP

Printed by EBis 3 (datcomedia.com)

Engine Logbook Entry		Authorized Cessna Service Center						
Date	N' Number	Make/Model	Serial#	Tach	SMOH	Total Time	W. O.	
4/13/2014	N9923Y	TCM TSIO-520-R	294000-R	2248.5		1301.6	7822	
75/80. Installed cus 97-3F. Engine run I certify that this en condition.	stomer supplied up checked OK ngine has been	inspected in accordan	sed OK during ge	ear retraction.	Checked ar	nd adjusted fuel f	lows per TCM SID	
•		pove was performed so regard to work perform	•	in accordance	e with appro	ved/acceptable c	data and is	
Authorized Signa	ture:	Kt 1	che		Steven Var	nderValk A&P 29	19106 IA	

ENGINE MODEL: TSIO-520-R11 ENGINE S/N: 294-000-R REG. NO: N9923Y WORK ORDER: 3848-04-2015

ADVAN(Advanced Lancaster LP 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179

DATE: 5/4/2015 A/C TSN: 4286.2 TACH: 2261.8

Engine Entries

Completed the Annual Engine Inspection I/A/W Cessna AMM Checklist. Compressions: #1 72/80 #2 74/80 #3 76/80 #4 74/80 #5 76/80 #6 74/80. Drained the engine oil and replaced the filter. Serviced with 9 qts. of Aeroshell W100 oil. Cut open filter and inspected, no contamination found at this time. Performed a oil analysis. Cleaned, gaped and tested all spark plugs. Megged the ignition harness. Checked mag timing. Ultrasonic cleaned the fuel injectors. Ground run and leak check good. All AD's current thru 2015-08.... AD 78-07-01 Turbo/Oil Pump, N/A by Replacement.... AD 80-07-01 Oil Pressure, N/A by ASN.... AD 88-25-04 Magneto Contamination, N/A, non-pressurized mags are installed.... AD 98-01-08 Roller Rocker Arms, N/A, not installed.... AD 99-17-11 Crankshaft Cracks, N/A by Model... AD 99-19-01 Crankshaft Cracks, PCW.... AD 2000-23-21 Crankshaft Rod Journal, N/A by ESN.... AD 2004-08-10 ECI Cylinders, N/A by HP rating.... AD 2007-04-19 R1 SAP Cylinders, N/A, not installed.... AD 2007-16-10 Turbo, N/A by Model.... AD 2008-08-17 Turbine Housing, N/A by Model.... AD 2009-19-07 EQ3 Cylinder Heads, N/A, not installed.... AD 2010-11-04 Hydraulic Lifters, N/A, no replacement noted.... AD 2011-13-03 Turbo Debris, N/A by Turbo overhaul.... AD 2012-03-06 Avstar Diaphrams, N/A, not installed.... AD 2012-10-13 Starter Adapter, N/A by P/N.... AD 2014-05-29 Superior Cylinders, N/A, not installed.... AD 2012-10-52 HET Turbos, C/W by Overhaul.... Cleaned the PRV sealing surface.... Removed and replaced one PRV tube coupling.... Removed and installed the fuel control for overhaul at D&G supply. Completed an SID 97-3F fuel system setup.... Removed and replaced the fuel injector line clamps, installed new adel clamps.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 5/4/2015 SIGNED: Work Order: 3848-04-2015

Richard A. Barnhart II. IA: 3124994AP

Printed by EBis 3 (datcomedia.com)



Aero-Tech Services, Inc. D 500-P Airport Road D Lititz, PA 17543

Make: CESSNA Order No.: 8653

Model: T210N

Reg. No.: N9923Y Completed: 07/15/15 TTAF: 2271.70

S/N: 21064641 Tach Time: 2271.70
Installed missing adel clamps p/n MS21919WDG -4 and -10 on the oil lines below cylinder #5.

Daryl Beachy AP2839654

ATTADVANCED Fly Advanced ENGINE MODEL: TSIO-520-R11

530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179 DATE: 5/20/2016 A/C TSN: 4295.2 ENG TT: TACH: 2290.8

WORK ORDER: 4492-04-2016 **Engine Entries**

ENGINE S/N: 294-000-R REG NO: N9923Y

Engine Annual Inspection completed using the FAR 43 Appendix D. Compressions: #1 78/80 #2 77/80 #3 78/80 #4 77/80 #5 78/80 #6 78/80, MO45, Drained the engine oil and replaced the filter. Serviced with 9 qts. of Aeroshell W100 oil. Cut open filter and inspected, no contamination found at this time. Performed a oil analysis. Cleaned, gaped and tested all spark plugs. Megged the ignition harness. Checked mag timing. Ultrasonic cleaned the fuel injectors. Ground run and leak check good. All

AD's current thru 2016-10.... Removed and installed both mag for overhaul completed at G & N Aircraft. Timed the mags to the

engine, set the mags at 22 degrees BTDC.... Removed and replaced the turbo oil out fitting gasket.... Removed and replaced all ignition lead contact springs.

I certify that this ENGINE has been inspected IAW an Annual Ineffection and was found to be in Airworthy condition.

DATE: 5/20/2016

SIGNED:

Work Order: 4492-04-2016

Richard A. Barnhart II, IA: 3124994AP

				Page No
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	92662		2261.8	TOTALS brought forward from previous page
9/13/15	4289,2		22848	Drained oil, Redward out felter of
				Tempest AA48109. Serviced w/ Aeroshell 100W
				Egt. + Canyand. Cut and injected old Elter.
				Run of good, nolecuts.
				11/2/1/ PP#3304976

			Megged AD's curr engine, s all ignition	Percent thru 2016-10 Removed and installed both mag for overhaul completed at G & N Aircraft. Timed the mags to the rent thru 2016-10 Removed and installed both mag for overhaul completed at G & N Aircraft. Timed the mags to the rent thru 2016-10 Removed and replaced the turbo oil out fitting gasket Removed and replaced on lead contact springs. That this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition. Work Order: 4492-04-2016 SIGNED: Richard A. Barnhart II, IA: 3124994AP Printed by EBis 3 (datcomedia.com)
9/3/1	4315.5	1461.8	2311.1	Drand oil. Repland titer ul Tempest AA48109. Served ul Aerskell 1000 9qt + Conjund. Coonund ran + leak check good. Affin AP# 3304976

ENGINE MODEL: TSIO-520-R11 ENGINE S/N: 294-000-R REG. NO: N9923Y WORK ORDER: 5009-03-2017

EADVANCED Fly Advanced

530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179 DATE: 3/24/2017 A/C TSN: 4326.9 ENG TT: TACH: 2322.5

Engine Entries

Engine Annual Inspection completed using the FAR 43 Appendix D. Compressions: #1 78/80 #2 72/80 #3 76/80 #4 74/80 #5 76/80 #6 78/80, MC46. Drained the engine oil and replaced the filter. Serviced with 9 dts. of Aeroshell W100 oil. Cut open filter and inspected, no contamination found at this time. Performed a oil analysis. Cleaned, gaped and tested all spark plugs. Megged the ignition harness. Checked mag timing. Ultresonic cleaned the fuel injectors. Ground run and leak check good. All AD's current thru 2017-06.... AD 2016-16-12 ECI Cylinders, N/A, not installed.... Resealed the turbo oil return check valve fitting.... Cleaned the induction pressure relief valve assembly.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 3/24/2017

SIGNED: /

nu

Work Order: 5009-03-2017

Richard A Barnhart II, IA: 3124994AP

age No		ott 909:3		DESCRIPTION OF WORK PERFORMED— DESCRIPTION OF PERSON PERFORMING WORK
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TIME	SIGNATURE & CERTIFICATE NO. 01
				TOTALS brought forward from previous page
4/6/17		14/58	2335.1	Remove #1 Cylinder spak plng
				andreplaced a/2 Tempest URHB32E.
				Grand rap, of check good.
				P. Snan Sty PP# 3304976

1455,5 2364.8 Doowled oil Replied filter Teaperst AA48109, 99+ Phillips XC 20W50 + Camany Grand our av leaks. 8/11 PPH 3304976

ENGINE MODEL: TSIO-520-R11 ENGINE S/N: 294-000-R REG. NO: N9923Y WORK ORDER: 5673-03-2018

MADVANCED Fly Advanced

530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179 DATE: 6/1/2018 A/C TSN: 4370.4 ENG TT: 1456.7 TACH: 2366

Engine Entries

Engine Annual Inspection completed using the FAR 43 Appendix D. Compressions: #1 78/80 #2 76/80 #3 74/80 #4 76/80 #5 72/80 #6 78/80, MO46. Drained the engine oil and replaced the filter. Serviced with 9 qts. of Aeroshell W100 oil. Cut open filter and inspected, no contamination found at this time. Cleaned, gapped and tested all spark plugs. Megged (insulation tested) the ignition harness. Checked mag timing. Ultrasonic cleaned the fuel injectors. Ground run and leak check ok at this time, no defects noted. All AD's current thru 2018-11.... C/W AD 71-09-07R1 Exhaust Inspection - IAW AD instructions and service manual. No defects noted at this time. Next inspection due at 2416.0 tach hours.... Removed and replaced heat exchanger inlet ducting as required.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 6/1/2018

SIGNED: Matthew Comments

Matt Felbeck, IA: 3180082

Work Order: 5673-03-2018

C. Hr. Tempest PAA48109. Repund Carmendo, OB cleek god, grand ran 100 W PP# 330 49 76

ENGINE MODEL TSIO-520-R11 ENGINE S/N: 294000-R REG. NO: N9923Y WORK ORDER 8607-06-2019

MADVANCED Fly Advanced

530 Airport Rd. LIIIIz. PA 17543 Phone: 717-735-5179 DATE: 7/22/2019 A/C TSN: 4381.9 ENG TT: 1468.2 TACH: 2377.5

Engine Entries

Engine Annual Inspection completed using the FAR 43 Appendix D with reference to Cessna Model T210 Series Service Manual, Compressions: #1 72/80 #2 76/80 #3 76/80 #4 65/80 #5 74/80 #6 76/80, MO48. Drained the engine oil and replaced the filter. Serviced with 9 qts. of Aeroshell W100 pil. Cut open filter and inspected, no contamination found at this time. Cleaned, gapped and tested all spark plugs. Megged (insulation tested) the ignition harness. Checked mag timing. Ultrasonic cleaned the fuel injectors. Ground run and leak check ok at this time, no defects noted. All AD's current thru 2019-15.... C/W AD 71-09-07R1 Exhaust Inspection - IAW AD instructions and Service Letter SE71-11. No defects noted at this time. Next inspection due at 2427,5 tach hours.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 7/22/2019

Work Order: 6607-06-2019

Draind oil Repland filter Temport AA48109', Served w/ 9 g+ Aerosell 100W, Canqual. Grand run, nopleats. Sell 10# 330 4976

ENGINE MODEL: TSIO-520-R11 ENGINE S/N: 294000-R REG. NO: N9923Y WORK ORDER: 7324-08-2020



530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179 DATE: 7/2/2020 A/C TSN: 4396.5 ENG TT: 1482.8 TACH: 2392.3

Engine Entries

Engina Annual Inspection completed using the FAR 43 Appendix D with reference to Cessna Model T210 Series Service Manual. Compressions: #1 78/80 #2 75/80 #3 73/80 #4 71/80 #5 75/80 #5 74/80, MO 44. Drained the engine oil_and replaced the AA48109 filter. Serviced with 9 qts. of Aeroshell W100 oil. Cut open filter and inspected, no contamination found at this time. Cleaned, gapped and tested all spark plugs. Megged (insulation tested) the ignition harness. Checked mag timing. Ultrasonic cleaned the fuel injectors. Ground run and leak check ok at this time, no defects noted. Alf AD's current thru 2020-14... Adjusted the MAP during engine fuel system setup as required.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 7/2/2020

SIGNED mallery Tellech

Work Order: 7324-06-2020

Matt Felbeck, IA: 3180082

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