N5288J 1976 Cessna 421C

RH Engine Logbook SMOH | 292327-R 2006 - 2024

MSN: 421C-0158



Prepared by the worldwide aviation specialists at RidgeAire, Inc.



ENGINE MAINTENANCE RECORDS

Engine Position Right

Aircraft Registration N5288J Engine Serial No. 292327-R



ENGINE MAINTENANCE RECORDS

Log No
Aircraft Registration No. 15288 J
Engine Manufacturer TCM Model G175/0-520-L
Serial No. 292327-R
Date installed on aircraft
Time Between Overhauls (TBO) 1600 Hours
If used on multi-engine aircraft:
☐ Right ☐ Left

Page No.

DATE TOTAL TOTAL TIME TIME SINCE SINCE OVERHAUL

TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page



Engine Previous Total: 1840.5 Since Major Overhaul: 0.0

Date: 08-11-06

RAM Aircraft, Limited Partnership • Waco Regional Airport

TCM GTSIO-520-L Right Engine S/N 292327-R

Above referenced engine overhauled to new parts limits per FAR 43.2 (a)(1)(2) to conform w/TCM SM X30045A. Applicable AD's and Service Bulletins c/w at this time. All gears cleaned. polished when required, inspected, magnafluxed and no cracks found. Finish and dimensional limits within RAM Gear Inspection Specification No. 1818, Rev. F dated 7/6/05. Above referenced engine modified per STC SE8338SW. Installed new camshaft p/n 653056, s/n Z06AA229. Installed overhauled crankshaft p/n 652832M010, s/n B512. C/W ultrasonic inspection c/w per MSB96-10 and due at next overhaul or when removed. TCM GTSIO-520 series engine crankshaft counterweights, p/n 652833-OH are repaired in accordance with FAA approved procedures per RAM Drawing 2618, Rev. B dated 11-15-05. Instructions for Continued Airworthiness: Remove p/n 652833-OH counterweights at next engine overhaul and replace with new per TCM SB00-3A or later FAA approved revision, except if repaired by RAM Aircraft, Limited Partnership per latest FAA approved revision of RAM Drawing 2618. Contact RAM Aircraft, L.P. at 7505 Karl May Drive, Waco, TX 76708 or (254) 752-8381 for replacement parts or service difficulties. AD 99-19-01 n/a per crankshaft date of manufacture I/A/W TCM MSB99-6A. Engine assembled with overhauled TCM heavy style crankcase p/n 654119-12, s/n L029901R. Installed new TCM nickeled cylinders. Cylinder hold-down nuts replaced and torqued per Overhaul Manual Supplement. Installed new RAM/FAA/PMA fuel nozzles p/n 2563-19A. TCM Service Bulletin SB06-1A n/a per installation of RAM fuel nozzles. Installed new RAM/FAA/PMA oil cooler p/n 2601-1, s/n 1751116. AD 86-13-04 R3 and AD 91-10-02 (MSB93-12) n/a per cylinders installed. Engine accessories exchanged for overhauled or new units with exception of tach generator, vacuum pump, prop governor and hydraulic pump which were not installed per this work order. MSB94-8A on magneto timing procedure c/w per timing to data plate TC degree requirements with TDC locator and protractor with pointer. Engine modified to GTSIO-520-L per Continental Service Bulletin M-75-6, Rev. 1. Installed rocker arms p/n 1654-1 and -2. Cadmium plating of engine hardware and associated lines and fittings per QQ-P-416C Class 2, Type II. C/W AD 79-05-09 per installation of new current design oil pressure plunger assy. Starter adapter shaftgear and crankshaft gear inspection, AD 2005-20-04 c/w per TCM Service Bulletin MSB94-4G per installation of Service Kit EQ6642 with bushing p/n 654472. Category 1 thru 3 TCM Service Bulletin Compliance Listing in RAM Manual. Relocated turbo oil supply line per RAM Dwg. No. 1224, Rev. H dated 11-18-03 per STC SE8338SW. AD 87-04-05 n/a per fuel pump model. Above reference engine eligible for 1600 hr. TBO per TCM SIL98-9, Rev. A. CSB02-8 n/a per capacitor with red insulator installed. C/W TCM CSB04-5A per capacitor ground stud torque check. AD 82-13-01 is n/a per Kelly Aerospace overhauled magnetos installed. Unpainted aluminum alloy engine parts were coated per RAM Specification No. 1142. Installed RAM/FAA/PMA spring loaded induction clamps p/n 1170-1. Installed RAM-FAA-PMA rocker box cover gaskets p/n 1366-1. Engine ground run on test stand per RAM Specifications for four (4) hours. Engine run-in with Phillips 20W-50 Type M mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. Engine approved for return to service for the work performed. Engine preserved per Service Bulletin SIL99-1 temp. storage up to ninety (90) days. Pertinent details on file under Project No. 2693/31746.

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

SUB-TOTALS this page

TOTALS—Carry forward to next page

TOTAL TOTAL TACH OR RECORDING DESCRIPTION OF WORK PERFORMED-DATE SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK SINCE METER SERVICE OVERHAUL TIME TOTALS brought forward from previous page N5288J S/N: 292327-R DATE: 11-07-06 MODEL: GTSIO-520-L W.O. #: 15432 HOBBS TIME:1429.1 TTSMOH: 0.00 RIGHT ENGINE LOG 2980 AIRWAY AV., COSTA MESA, CA 92626 TEL: 714-433-2275 FAA APEROYED REPAIR STATION # JVYR016L THE AIRCRAFT AND / OR COMPONENT PREKTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY. SIGNED: C/W an ANNUAL INSPECTION, serviced with 12 quarts of Mineral Oil & CH48111 filter. Installed O/H engine as per Continental service guide. Set fuel as per SID 57-3, Replaced all Hoses with new. C/W with all AD's Throughout 2006-22 AD Compliance Record. N5288J DATE: 11-27-06 S/N: 292327-R W.O. #: 15629 MODEL: GTSIO-520-L TTSMOH: 0.00 HOBBS TIME:1430.0 RIGHT ENGINE LOG 2980 AIRWAY AV., COSTA MESA, CA 92626 TEL: 714-433-2275 FAMAPPROVED REPAIR STATION # JVYR016L THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY. SIGNED: R&R Waste Care Following O/H by Main Turbo under W.O.# 35485. N5288J DATE: 01-19-07 S/N: 292327-R W.O. #: 15768 MODEL: GTSIO-520-L **TTSMOH: 13.3** HOBBS TIME: 1442.4 RIGHT ENGINE LOG 2980 AIRWAY AV,. COSTA MESA, CA 92626 TEL: 714-433-2275 FAA APPROVED REPAIR STATION # JVYR016L THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF amak SIGNED: SET UP FUEL ON ENGINE AS PER SID 97-3.

SUB-TOTALS this page

N R	TOTAL	TOTAL TIME	TACH OR RECORDING	DESCRIP	TION OF WORK PERFORMED—	
DATE	SERVICE	SINCE OVERHAUL	METER	SIGNATURE & CERTI	IFICATE NO. OF PERSON PERFORMING V	VORK
		15.274		TO LS brought forward fro	om privious page	The Last
N528	8J 292327-R		, 85		DATE: 08-27-07	
	EL: GTSIO-52	0-L	1 St.	The children	W.O. #: 16339	
HOBBS TIME: 1486		.7	4.80	CRAFT MAINTENANCE	TTSMOH: 57.6	Washington and State of the Control
			RIGH	T ENGINE LOG		
-	-	25		,. COSTA MESA, CA 92626		Taxa
		PA.		.: 714-433-2275 EPAIR STATION # JVYR016L		References.
						Maria
TH CURRI	E AIRCRAFT AI ENT FEDERAL A	IR REGULATION	ONS/AND WAS FO	D ABOVE WAS REPAIRED AND I UND AIRWORTHY FOR RETURN EMENT ARE ON FILE AT THIS A	INSPECTED IN ACCORDANCE WITH TO SERVICE. PERTINENT DETAILS OF GENCY.	
SIGNED): /	amoh.				
SERVIO	CED WITH 13 C	OTS OF A/S 15	W50, CH48111-1 (OIL FILTERS, AND AN900-10 C	CRUSH WASHERS. AOA TAKEN.	1
ENGIN	E WASHED, RU	UN UP & INSP	ECTED. OPERAT	TONAL CHECKED SATISFACT	ORY.	100000000000000000000000000000000000000
,			23/4			
	-			16		1000
N52	288J					
	: 292327-R		1=		DATE: 12-03-07	
	DEL: GTSIO- BBS TIME: 15		/3		W.O. #: 16434 TTSMOH: 71.9	
по	DDS TIME: 15	01.0		CPALT MAINTENAN	113MOH: 71.9	
			RIC	GHT ENGINE LOG		
				AV,. COSTA MESA, CA 92626		
		`AND / OR COM L AIR REGULA	FAA APPROVED MPONENT IDENTI ATJONS AND WAS		ND INSPECTED IN ACCORDANCE WITH URN TO SERVICE. PERTINENT DETAILS	OF
CUR	RENT FEDERA	AND/OR COM LAIR REGULA	FAA APPROVED MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL	REPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI	ND INSPECTED IN ACCORDANCE WITH URN TO SERVICE. PERTINENT DETAILS IS AGENCY.	OF
SIGN	RENT FEDERALIED:	AND / OR COM LAIR REGULA TH Anna h	FAA APPROVED MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL MED C/W IAW C	PREPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI ESSNA SERVICE AND MAINTI	ND INSPECTED IN ACCORDANCE WITH URN TO SERVICE. PERTINENT DETAILS IS AGENCY.	OF
SIGN ANN COM SER	IED: JUAL INSPEÇI PRESSION CH	AND / OR COM LAIR REGULA TON PERFORI IECKED. 1. 3 QTS OF A/S	FAA APPROVED MPONENT IDENTI ATIONS AND WAS IJE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH	FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THIS ESSNA SERVICE AND MAINTING 175/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK	ND INSPECTED IN ACCORDANCE WITH JRN TO SERVICE. PERTINENT DETAILS IS AGENCY. ENANCE MANUAL. 0/80 EEN.	OF
SIGN ANN COM SER' ENG	TEDE TEDERAL TEDERA TEDERAL TEDERAL TEDERAL TEDERAL TEDERAL TE	AND / OR COM LAIR REGULA (TI JON PERFORI IECKED. 1. 3 OTS OF A/S RUN UP & IN	FAA APPROVED MPONENT IDENTI ATIONS AND WAS IJE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH	REPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI ESSNA SERVICE AND MAINT! 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISFA	ND INSPECTED IN ACCORDANCE WITH JRN TO SERVICE. PERTINENT DETAILS IS AGENCY. ENANCE MANUAL. 0/80 EEN.	OF
SIGN ANN COM SER' ENG R&R	IED:AUAL INSPECT IVAL INSPECT IPRESSION CH VICED WITH 1 INE WASHED,	AND / OR COM LAIR REGULA (TI JON PERFORI IECKED. 1. 3 OTS OF A/S RUN UP & IN GASKETS W	FAA APPROVED MPONENT IDENTI ATIONS AND WAS IJE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH ISPECTED. OPER ITH NEW. P/N MO	REPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI ESSNA SERVICE AND MAINTI 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK ATIONAL CHECKED SATISFA 674.	ND INSPECTED IN ACCORDANCE WITH JRN TO SERVICE. PERTINENT DETAILS IS AGENCY. ENANCE MANUAL. 0/80 EEN. ACTORY.	OF
SIGN ANN COM SER' ENG R&R C/W	IED:AUAL INSPECT IVAL INSPECT IPRESSION CH VICED WITH 1 INE WASHED, SPARK PLUG AD2007-05-15	AND / OR COM LAIR REGULA TON PERFORI IECKED. 1. 3 OTS OF A/S RUN UP & IN GASKETS WI IAW MSB94-4	FAA APPROVED MPONENT IDENTI ATIONS AND WAS IJE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH ISPECTED. OPER ITH NEW. P/N MO I6 PART 2. FOUN	REPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI ESSNA SERVICE AND MAINT! 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISFA	ND INSPECTED IN ACCORDANCE WITH JRN TO SERVICE. PERTINENT DETAILS IS AGENCY. ENANCE MANUAL. 0/80 EEN. ACTORY.	OF
SIGN ANN COM SER' ENG R&R C/W C/W	IED:AUAL INSPECT IPRESSION CH VICED WITH 1 INE WASHED, SPARK PLUG AD2007-05-15 AD200-01-16 (AND / OR COM LAIR REGULA TON PERFORI IECKED. 1. 3 OTS OF A/S RUN UP & IN GASKETS W IAW MSB94-4 ON EXHAUST.	MPONENT IDENTI LITIONS AND WAS JE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH ISPECTED. OPER ITH NEW. P/N MG	REPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI ESSNA SERVICE AND MAINT! 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISF/674. D WITHIN LIMITS. INSTALLE	ND INSPECTED IN ACCORDANCE WITH JRN TO SERVICE. PERTINENT DETAILS IS AGENCY. ENANCE MANUAL. 0/80 EEN. ACTORY.	OF
SIGN ANN COM SER ENG R&R C/W INST	IED:AUAL INSPECT IPRESSION CH VICED WITH 1 INE WASHED, SPARK PLUG AD2007-05-15 AD200-01-16 (AND / OR COM LAIR REGULA TON PERFORI IECKED. 1. 3 OTS OF A/S RUN UP & IN GASKETS W IAW MSB94-4 ON EXHAUST. HYDRAULIC	FAA APPROVED MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH ASPECTED. OPER ITH NEW. P/N MO 16 PART 2. FOUN PUMP GASKET, I	REPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI ESSNA SERVICE AND MAINT! 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISF/674. D WITHIN LIMITS. INSTALLE	ND INSPECTED IN ACCORDANCE WITH JRN TO SERVICE. PERTINENT DETAILS IS AGENCY. ENANCE MANUAL. 0/80 EEN. ACTORY.	OF
SIGN ANN COM SER ENG R&R C/W INST	IED:	AND / OR COM LAIR REGULA TON PERFORI IECKED. 1. 3 OTS OF A/S RUN UP & IN GASKETS W IAW MSB94-4 ON EXHAUST. HYDRAULIC	FAA APPROVED MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH ASPECTED. OPER ITH NEW. P/N MO 16 PART 2. FOUN PUMP GASKET, I	REPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI ESSNA SERVICE AND MAINT! 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISF/674. D WITHIN LIMITS. INSTALLE	ND INSPECTED IN ACCORDANCE WITH JRN TO SERVICE. PERTINENT DETAILS IS AGENCY. ENANCE MANUAL. 0/80 EEN. ACTORY.	OF
SIGN ANN COM SER ENG R&R C/W INST	IED:	AND / OR COM LAIR REGULA TON PERFORI IECKED. 1. 3 OTS OF A/S RUN UP & IN GASKETS W IAW MSB94-4 ON EXHAUST. HYDRAULIC	FAA APPROVED MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH ASPECTED. OPER ITH NEW. P/N MO 16 PART 2. FOUN PUMP GASKET, I	REPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI ESSNA SERVICE AND MAINT! 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISF/674. D WITHIN LIMITS. INSTALLE	ND INSPECTED IN ACCORDANCE WITH JRN TO SERVICE. PERTINENT DETAILS IS AGENCY. ENANCE MANUAL. 0/80 EEN. ACTORY.	OF
SIGN ANN COM SER ENG R&R C/W INST	JERENT FEDERAL JEDI: JUAL INSPECT MPRESSION CH VICED WITH 1 JUNE WASHED, S SPARK PLUG AD2007-05-15 AD200-01-16 C TALLED NEW ALL AD'S THI	AND / OR COM LAIR REGULA TON PERFORI IECKED. 1. 3 OTS OF A/S RUN UP & IN GASKETS W IAW MSB94-4 ON EXHAUST. HYDRAULIC	FAA APPROVED MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH ASPECTED. OPER ITH NEW. P/N MO 16 PART 2. FOUN PUMP GASKET, I	REPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI ESSNA SERVICE AND MAINT! 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISF/674. D WITHIN LIMITS. INSTALLE	ND INSPECTED IN ACCORDANCE WITH JRN TO SERVICE. PERTINENT DETAILS IS AGENCY. ENANCE MANUAL. 0/80 EEN. ACTORY.	OF
SIGN ANN COM SER ENG R&R C/W INST	JERENT FEDERAL JEDI: JUAL INSPECT JUAL INSPE	AND / OR COM LAIR REGULA TON PERFORI IECKED. 1. 3 OTS OF A/S RUN UP & IN GASKETS W IAW MSB94-4 ON EXHAUST. HYDRAULIC	FAA APPROVED MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH ASPECTED. OPER ITH NEW. P/N MO 16 PART 2. FOUN PUMP GASKET, I	REPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI ESSNA SERVICE AND MAINT! 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISF/674. D WITHIN LIMITS. INSTALLE	ND INSPECTED IN ACCORDANCE WITH JRN TO SERVICE. PERTINENT DETAILS IS AGENCY. ENANCE MANUAL. J/80 JEN. ACTORY. ED NEW GASKET. P/N 653749.	OF
SIGN ANN COM SER ENG R&R C/W C/W INST C/W	JERENT FEDERAL JEDI: JUAL INSPECT JUAL INSPE	AND / OR COM LAIR REGULA TON PERFORM TON PERFORM TECKED. 1. 3 OTS OF A/S RUN UP & IN GASKETS WI TAW MSB94-4 ON EXHAUST. HYDRAULIC ROUGHOUT T	FAA APPROVED MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH ASPECTED. OPER ITH NEW. P/N MO 16 PART 2. FOUN PUMP GASKET, I	REPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI ESSNA SERVICE AND MAINT! 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISF/674. D WITHIN LIMITS. INSTALLE	ND INSPECTED IN ACCORDANCE WITH JRN TO SERVICE. PERTINENT DETAILS IS AGENCY. ENANCE MANUAL. J/80 JEN. ACTORY. D NEW GASKET. P/N 653749.	OF
SIGN ANN COM SER ENG R&R C/W C/W INST C/W	JERENT FEDERAL JEDI: JUAL INSPECT JUAL INSPE	AND / OR COM LAIR REGULA TON PERFORM TON PERFORM TECKED. 1. 3 OTS OF A/S RUN UP & IN GASKETS WI TAW MSB94-4 ON EXHAUST. HYDRAULIC ROUGHOUT T	FAA APPROVED MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH ASPECTED. OPER ITH NEW. P/N MO 16 PART 2. FOUN PUMP GASKET, I	REPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI ESSNA SERVICE AND MAINT! 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISF/674. D WITHIN LIMITS. INSTALLE	DATE: 10-01-08 W.O. #: 17086	OF
SIGN ANN COM SER ENG R&R C/W C/W INST C/W	JERENT FEDERAL JEDI: JUAL INSPECT JUAL INSPE	AND / OR COM LAIR REGULA TON PERFORM TON PERFORM TECKED. 1. 3 OTS OF A/S RUN UP & IN GASKETS WI TAW MSB94-4 ON EXHAUST. HYDRAULIC ROUGHOUT T	MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL MED C/W IAW CO 75/80 2. 75/80 3. 15W50 AND CH4 ISPECTED. OPER ITH NEW. P/N MO 16 PART 2. FOUN PUMP GASKET. I THIS DATE.	ESSNA SERVICE AND MAINTI 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK ACTIONAL CHECKED SATISFA 674. D WITHIN LIMITS. INSTALLE P/N 5154056-2.	ND INSPECTED IN ACCORDANCE WITH JRN TO SERVICE. PERTINENT DETAILS IS AGENCY. ENANCE MANUAL. J/80 JEN. ACTORY. D NEW GASKET. P/N 653749.	OF
SIGN ANN COM SER ENG R&R C/W C/W INST C/W	JERENT FEDERAL JEDI: JUAL INSPECT JUAL INSPE	AND / OR COM LAIR REGULA TON PERFORM TON PERFORM TECKED. 1. 3 OTS OF A/S RUN UP & IN GASKETS WI TAW MSB94-4 ON EXHAUST. HYDRAULIC ROUGHOUT T	MPONENT IDENTI ATTIONS AND WAS IJE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH ISPECTED. OPER ITH NEW. P/N MO IG PART 2. FOUN PUMP GASKET. ITHIS DATE. R 2980 AIRWAY	REPAIR STATION # JVYR01 FIED ABOVE WAS REPAIRED AN FOUND AIRWORTHY FOR RETU ACEMENT ARE ON FILE AT THI ESSNA SERVICE AND MAINTI 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISFA 674. D WITHIN LIMITS. INSTALLE P/N 5154056-2. RIGHT ENGINE LOG (AV., COSTA MESA, CA 9262 TEL: 714-433-2275	DATE: 10-01-08 W.O. #: 17086 TTSMOH: 145.2	OF
SIGN ANN COM SER ENG R&R C/W C/W INST C/W	JERENT FEDERAL JEDI: JUAL INSPECT JUAL INSPE	AND / OR COM LAIR REGULA TON PERFORM TON PERFORM TECKED. 1. 3 OTS OF A/S RUN UP & IN GASKETS WI TAW MSB94-4 ON EXHAUST. HYDRAULIC ROUGHOUT T	MPONENT IDENTI ATTIONS AND WAS IJE REPAIR / REPL MED C/W IAW CI 75/80 2. 75/80 3. 15W50 AND CH ISPECTED. OPER ITH NEW. P/N MO IG PART 2. FOUN PUMP GASKET. ITHIS DATE. R 2980 AIRWAY	ESSNA SERVICE AND MAINTI 75/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISFA 674. D WITHIN LIMITS. INSTALLE P/N 5154056-2.	DATE: 10-01-08 W.O. #: 17086 TTSMOH: 145.2	OF
SIGM ANN COM SER ENG R&R C/W INST C/W	THE AIRCRAI	AND / OR COM LAIR REGULA JULY TON PERFORI TON PERFORI TON PERFORI TON UP & IN GASKETS WI LAW MSB94-4 ON EXHAUST. HYDRAULIC ROUGHOUT TO D-520-L 1574.3	MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL MED C/W IAW CO 75/80 2. 75/80 3. 15W50 AND CH4 ISPECTED. OPER ITH NEW. P/N MO 16 PART 2. FOUN PUMP GASKET. I THIS DATE. PUMP GASKET. I THIS DATE. PUMP GASKET. I THIS DATE.	ESSNA SERVICE AND MAINTI T5/80 4. 73/80 5. 75/80 6. 70 48111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISFA 674. D WITHIN LIMITS. INSTALLE P/N 5154056-2. RIGHT ENGINE LOG AV., COSTA MESA, CA 9262 TEL: 714-433-2275 D REPAIR STATION # JVYRI IFFIED ABOVE WAS REPAIRED S FOUND AIRWORTHY FOR DE	DATE: 10-01-08 W.O. #: 17086 TTSMOH: 145.2	
SIGN ANN COM SER ENG R&R C/W INST C/W	IRENT FEDERAL JUAL INSPECT MPRESSION CH VICED WITH 1 SPARK PLUG AD2007-05-15 AD200-01-16 (FALLED NEW) ALL AD'S THI SESSAL N: 292327-R MODEL: GTSIC OBBS TIME: 1	AND / OR CON LAIR REGULA JI JON PERFORI IECKED. 1. 3 QTS OF A/S RUN UP & IN GASKETS W IAW MSB94-4 ON EXHAUST. HYDRAULIC ROUGHOUT T	MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL MED C/W IAW CO 75/80 2. 75/80 3. 15W50 AND CH4 ISPECTED. OPER ITH NEW. P/N MO 16 PART 2. FOUN PUMP GASKET. 1 THIS DATE. R 2980 AIRWAY FAA APPROVE DMPONENT IDENT ATIONS AND WA THE REPAIR / REF	ESSNA SERVICE AND MAINTI T5/80 4. 73/80 5. 75/80 6. 70 HS111-1 OIL FILTER. AOA TAK AATIONAL CHECKED SATISFA 674. D WITHIN LIMITS. INSTALLE P/N 5154056-2. RIGHT ENGINE LOG AV., COSTA MESA, CA 9262 TEL: 714-433-2275 D REPAIR STATION # JVYRO	DATE: 10-01-08 W.O. #: 17086 TTSMOH: 145.2	
SIGN ANN COM SER* ENG R&R C/W INST C/W SIC	INCLUDE THE AIRCRAIGNED STATE OF THE AIRCRAIGN	AND / OR CON LAIR REGULA JI JON PERFORI IECKED. 1. 3 QTS OF A/S RUN UP & IN GASKETS W IAW MSB94-4 DN EXHAUST. HYDRAULIC ROUGHOUT T	MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL MED C/W IAW CO 75/80 2. 75/80 3. 15W50 AND CH4 ISPECTED. OPER ITH NEW. P/N MO 16 PART 2. FOUN PUMP GASKET. ITHIS DATE. PAA APPROVE DMPONENT IDEN LATIONS AND WA ITHE REPAIR / REP	ESSNA SERVICE AND MAINTI 75/80 4. 73/80 5. 75/80 6. 70 8111-1 OIL FILTER. AOA TAK RATIONAL CHECKED SATISFA 674. D WITHIN LIMITS. INSTALLE P/N 5154056-2. RIGHT ENGINE LOG (AV., COSTA MESA, CA 9262 TEL: 714-433-2275 CD REPAIR STATION # JVYR TIFIED ABOVE WAS REPAIRED. S FOUND AIRWORTHY FOR REPLACEMENT ARE ON FILE AT THE	DATE: 10-01-08 W.O. #: 17086 TTSMOH: 145.2	
SIGN ANN COM SER* ENG R&R C/W INST C/W SIC	INCLUDE THE AIRCRAIGNED STATE OF THE AIRCRAIGN	AND / OR CON LAIR REGULA JI JON PERFORI IECKED. 1. 3 QTS OF A/S RUN UP & IN GASKETS W IAW MSB94-4 DN EXHAUST. HYDRAULIC ROUGHOUT T	MPONENT IDENTI ATIONS AND WAS JE REPAIR / REPL MED C/W IAW CO 75/80 2. 75/80 3. 15W50 AND CH4 ISPECTED. OPER ITH NEW. P/N MO 16 PART 2. FOUN PUMP GASKET. ITHIS DATE. PAA APPROVE DMPONENT IDEN LATIONS AND WA ITHE REPAIR / REP	ESSNA SERVICE AND MAINTI 75/80 4. 73/80 5. 75/80 6. 70 8111-1 OIL FILTER. AOA TAK RATIONAL CHECKED SATISFA 674. D WITHIN LIMITS. INSTALLE P/N 5154056-2. RIGHT ENGINE LOG (AV., COSTA MESA, CA 9262 TEL: 714-433-2275 CD REPAIR STATION # JVYR TIFIED ABOVE WAS REPAIRED. S FOUND AIRWORTHY FOR REPLACEMENT ARE ON FILE AT THE	DATE: 10-01-08 W.O. #: 17086 TTSMOH: 145.2	

SUB-TOTALS this page

N5288J S/N: 292327-R MODEL: GTSIO-520-L HOBBS TIME: 1580.6



DATE: 04-25-09 W.O. #: 17438 TTSMOH: 151.5

DATE

RIGHT ENGINE LOG 2980 AIRWAY AV,, COSTA MESA, CA 92626 TEL: 714-433-2275 FAA APPROVED REPAIR STATION # JVYR016L

THE AIRCRAFT AND FOR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE, PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

LEFT FAGE

SIGNED:

C/W ANNUAL INSPECTION IAW CESSNA SERVICE AND MAINTENANCE MANUAL

COMPRESSION CHECKED. RIGHT 1, 80/80 2, 75/80 3, 60/80 4, 70/80 5, 58/80 6, 70/80

SERVICED WITH 13 QTS OF A/S 15W50 AND CH48111-1 OIL FILTER. AOA TAKEN.

ENGINE WASHED, RUN UP & INSPECTED, OPERATIONAL CHECKED SATISFACTORY

REMOVED AND REINSTALLED MAGNETOS AFTER 500 HR INSPECTION PERFORMED BY AERO ACCESSORIES

UNDER INV # 29966-7. P/NS BL-349220-4 & BL-349260-7; S/NS F02DA375R & F02DA089R

R&R INDUCTION FILTERS W/NEW. P/N P10-8421

REMOVED AND REINSTALLED SPARK PLUGS AFTER CLEANING, INSPECTION, ROTATED, AND R&R SPARK

GASKETS W/NEW. P/N M-674.

REMOVED AND REINSTALLED WASTEGATE AFTER OVERHAULED BY MAIN TURBO UNDER INV # 32224. S/N

ITER0102, C-P/N C165006-0113, & AID P/N 481064-1. R&R WASTEGATE GASKETS W/NEW. P/N 652456

AD2007-05-15 STARTER ADAPTER DUE (AT HOBBS TIME) 1901.0

AD 2000-01-16 EXHAUST INSPECTION DUE AT HOBBS TIME 1680.6

C/W ALL ADs THROUGHOUT THIS DATE.

N5288J S/N: 608108 MODEL: GTSIO-520-L **HOBBS TIME: 1613.3**



DATE: 08-06-10 W.O. #: 18298 TTSMOH: 184.2

RIGHT ENGINE LOG 2980 AIRWAY AV,. COSTA MESA, CA 92626 TEL: 714-433-2275 FAA APPROVED REPAIR STATION # JVYR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

SIGNED:

C/W ANNUAL INSPECTION IAW CESSNA SERVICE AND MAINTENANCE MANUAL.

COMPRESSION CHECKED. RIGHT 1. 72/80, 2. 78/80, 3. 70/80, 4. 65/80, 5. 78/80, 6. 75/80

SERVICED WITH 13 QTS OF A/S 15W50 AND CH48111-1 OIL FILTER. AOA TAKEN. ENGINE WASHED, RUN UP AND

INSPECTED. OPERATIONAL CHECK SATISFACTORY.

INDUCTION AIR FILTER CLEANED AND INSPECTED.

C/W AD2000-01-16 EXHAUST INSPECTION IAW CESSNA SB MEB99-6-9-12.

		JGS W/NEW. P/N RHB32E		
_			KET W/NEW. P/N 653981.	
	C/W ALL ADs TH	IROUGHOUT THIS DATE		CONTRACT DESCRIPTION
				The state of the s
	1 2 2 2			
				les value
			SUB-TOTALS this page	

DATE TOT	TIME RECORDING	DESCRIPTION OF WORK PER SIGNATURE & CERTIFICATE NO. OF PERSO	FORMED—
(760) 947-0 DATE 09-0	7070 Summit Val	aft Maintenance ley Rd. Hesperia, Ca. 92345 bbbs 1647.7 T/T SMOH 218.6 RT. ENGINE GTSIO-520-L	(4.42)
Drained and	d replenished oil and replaced	filter CH48111-1, replaced air filter, ground	
I certify th	e, checks good. is Aircraft Engine has been ins and was determined to be in ar	spected in Accordance With Annual/100 hr n Airworthy condition.	
5	ll .		
	AP56457	706391A	
Garry Abbo R/R oil fi		aust system X Oil service X	
Clean/ G	ap plugs X Check fuel	Lube X	
1) 70/8	0 2) 71/80 3) 78/80	4) 70 /80 5) 69/80 6) 72 /80	
GINE MODEL OTOLO SO			
GINE MODEL: GTSIO-52 GINE S/N (R): 292327-R G. NO: N5288J	Hangar O	ne Avionics	DATE WAS
ORK ORDER: 20121008-1	M Repair Station 2026 Palomar	No. 1HGR058B Airport Road	DATE: 4/1/2013 A/C TSN: 5820.7
	Phone: 760-92	92011	ENG TT (R): TSMOH (R): 294.0
ght Engine Entries			HOBBS: 1723.3
mpleted Annual Inspe	ction IAW the Cessna Inspection Checl	k list as applicable and FAR 43 Appendix "D"	
33/ (due to a lack of documentation for the i	nstallation of a Shadin Fuel Flag	
	The light state of the light sta	DSTAllation of RAM modified to the control of the c	
TCM SB03-3, Boreso	cope revealed normal indications for in-	-service cylinders. Perfermed a UK	1 STC# SE3767SW-D.
ined oil and removed	Note: TCM Calibrated orifice tool rea oil filter, cut open filter an found as asset	-service cylinders. Performed a differential compression check as ding=42/80,	s follows: 1) 70/80 2)74/80 3)72/80
aned fuel injector nozz 612 seals.	shell oil AS15W50. zles in ultrasonic cleaner, reinstalled no	other plants, installed new filter P/N CH48111-1, new MS35769-11 ozzles with 12ea new P/N 630979-9 o-ring seals, 6ea new P/N 63	l oil drain plug gasket and serviced
aned, inspected, gapp	ed, rotated and reinstalled spark plugs	63	33958-3 packings and 6ea new P/N
moved, inspected, clea	aned and reinstalled fuel metering screen		
noved intercooler to g	ain access to magnetoe for their	en with new P/N 649983 gasket.	
P/N MS9021-252.	Res	set LH and RH magneto timing per engine data plate spark adva	nce. Reinstalled intercooler with new
	The state of the s	last start and	
and this	ENGINE has been inspected in accord	ance with an Annual Issued	
aircraft, airframe, or ap	opliance identified above has been repaire	ed and/or/penected in any	worthy conditionend
TE: 4/1/2013	proved for return to service.	ed and/or inspected in accordance with current Regulations of the Fe	deral Aviation Administration and
2.4/1/2013	SIGNED:		
	Mike Clingerman Certified Repair Station No	1 HGPAsep	Work Order: 20121008-1N
	Station No	× 1119/10388	Printed by EBis 3 (datcomedia.com
	/		

TIME DATE TIME RECORDING DESCRIPTION OF WORK PERFORMED-SINCE METER SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK SERVICE OVERHAUL N57885 11/09/13 Hobbs-1753.4 Right Engine 9:1 and filter Changed with Lenshell 15w50+CH48/11-1 In and checked for frozer operation— Challeder Af 2606564 DATE: 6/18/2014 ENGINE MODEL: GTSIO-520-L **Hangar One Avionics** A/C TSN: 5888.7 ENGINE S/N (R): 292327-R ENG TT (R): Repair Station No. 1HGR058B REG. NO: N5288J TSMOH (R): 362 2026 Palomar Airport Road WORK ORDER: 20140505-2M HOBBS: 1791.3 Carlsbad, CA 92011 Phone 760-929-2270 **Right Engine Entries** Completed Annual Inspection IAW the Cessna Inspection Check list as applicable and FAR 43 Appendix "D" CW TCM SB03-3, Borescope revealed normal indications for in-service cylinders. Performed a differential compression check as follows: 1) 75/80 2)73/80 3)71/80 4)77/80 5) 74/80 6)72/80. Note: TCM Calibrated orifice tool reading=43/80. Drained oil and removed oil filter, cut open filter an found no contaminants, installed new filter P/N CH48111-1, new MS35769-11 oil drain plug gasket and serviced engine with 13qts of Aeroshell oil AS100WPlus. Gapped and installed 12 new P/N RHB32E spark plugs Removed, inspected, cleaned and reinstalled fuel metering screen with new P/N 649983 gasket. Cleaned fuel injector nozzles in ultrasonic cleaner, reinstalled nozzles with 12ea new P/N SA630979-9 o-ring seals, 6ea new P/N SA633958-3 packings and 6ea new P/N SA640612 seals. Removed worn injector sleeve assemblies and installed new 6ea P/N 640501 Sleeve Assemblies. Ground run, operational, leak and FOD checks satisfactory. Annual / I certify that this ENGINE has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition --end-This aircraft, airframe, or appliance identified above has been repaired and/or inspected in accordance with current Regulations of the Federal Aviation Administration and Manufacturer data and is approved for return to service. Work Order: 20140505-2M SIGNED: DATE: 6/18/2014 Printed by EBis 3 (datcomedia.com) Mike Clingerman Certified Repair Station No. 1HGR058B

SUB-TOTALS this page

TOTALS—Carry forward to next page

TOTAL

ATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		97112		TOTALS brought forward from previous page
<i>Cl</i> 7000 N5	7000 Mer N5288J A Inspected compressi Inspected a with Aeros I certify the Inspection Agustin Ce	Aircraft hole engine, in ion checked and cleane shell 100w at this England found endejas AI iation I iation I is:1855.1 hanged bo	Hangar A-3 bbs: 1805 aspected oil ed: #1 74/86 d all spark Plus, Engigine has been Airworthy P2606564I angar A-34 02/09/2016 oth engines	40 Chino CA 91710 05/17/2015 Right Engine TSO: 375-7 filter, found no metal, engine run satisfactory, 0, #2 74/80, #3 76/80, #4 76/80, #5 75/80, #6 78/80, clugs, replaced filter with 48109-2 and serviced engine ne ground run, no leaks found at this time. en inspected In accordance with an Annual at this time. 40 Chino CA 91710 6 Right Engine serviced with Aeroshell 100w Plus oil
			<i>cue</i>	
70 N5 Ins cor Ins wi gro I c	5288J Aircr spected eng impression of spected and th Aeroshel bund run, no	Ave. Hangaft hobbs: ine, inspection in the cleaned at 100 w Place leaks for this Engined found Ai	gar A-340 (1871.8 00 eted oil filte 1 72/80, #2 Il sparkplus us, replaced and at this to has been in	nspected In accordance with an Annual this time.

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

TOTALS brought forward from previous page

Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710 N5288J Hobbs:1878.6 12/14/2016 Right Engine

Oil and filter changed both engines, serviced with Aeroshell 100w Plus oil

Agustin Cendejas AP2606564

Chino Aviation Inc.

7000 Merrill Ave. #33 Hangar A-340 Chino CA 91710 N5288J Hobbs:1900.0 02/13/2017 Right Engine

Washed engine compartment, found oil leak out of oil cooler, tightened fittings and pressure plug, cleaned oil and dirt built up on propeller de ice brushes, serviced hydraulic reservoir for Air conditioning and run engines and Adjusted Idle RPM.

No other leaks found

Agustin Cendejas AP2606564

Chino Aviduon inc

N5288J Aircraft hobbs: 1920 07/09/2017 Right Engine TSO: 442.5
Inspected engine, inspected oil filter, found no metal, engine run satisfactory, compression checked: #1 77/80, #2 77/80, #3 76/80, #4 78/80, #5 76/80, #6 78/80, Inspected and cleaned all sparkplugs, replaced filter with 48109-2 and serviced engine with Aeroshell 100w Plus, found oil leaking out of air/oil separator and scavenge pump on right engine, removed scavenge pump to check gears, sent to Corona Engines for inspection, pump was determined to be ok, re installed pump with new seals, after installation of scavenge pump engine was run and a leak was detected out of air/oil separator under turbo charger, removed separator, inspected, cleaned and re installed, the leak was coming from a loose hose leading to the scavenge pump inlet, this loose hose was allowing air to enter the oil system and permitting the scavenge pump to cavitate on engine start up therefore dumping oil for the first 10 seconds after engine start. Once all hoses and fittings were tightened the engine was starter several times and no oil leaks were found.

I certify that this Engine has been inspected In accordance with an Annual

Inspection and found Airworthy at this time

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK TOTALS brought forward from previous page Engine TT:				and the last	Page N	0
Engine TT: 23. Engine SMOII: 47.10. 23. Engine SMOII: 47.10. Engine SMOII: 47.11. Engine TT: 23. Engine SMOII: 47.11. Engine SMOII: 47.11. Engine TT: 23. Engine SMOII: 47.11. Engine Material department of the structure of the smoler	DATE	TIME	TIME	RECORDING METER		\$150
Are Interessions Inc Page Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N Continental GTSIO-520-L S/N R-292327-R Characteristics of the second of the			90.45	present of	TOTALS brought forward from previous page	
Are Interessions Inc Page Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N Continental GTSIO-520-L S/N R-292327-R Characteristics of the second of the			1		Fraine TT	231
AIR INPRESSIONS INC Prop SMOH: 547.1.19 Hour Meter: 197 Date: 11101/2 Waco, Texas 76708 CRS No. AK6R541N Continental GTSIO-520-L S/N R-292327-R On above referenced engine, removed all cowling for 100 Hour/Annual Inspection. Cleaned and gapped spark plugs. Drained oil, instance will filter and refilled engine with Aeroshell mineral oil. Checked magneto timing. Inspected plug harness and all engine electric Checked all engine controls for movement and attach points. Inspected intake and exhaust system, condition and integrity of all engacessories. Inspected engine mounts, all baffles and cowling. Inspected prop, spinner and bulkhead. Inspected all engine electric paragraphs (b), (c), (d) and (e), Graragraph (b) next due at 2005.2 HM.) C/M A.D. 2007-09-15 per para, (2) and (3). Para, (2) readings with 1, 037 2), 036, 3), 037, 4), 036. (Para, (2) next due at 2005.2 HM.) C/M A.D. 2007-09-15 per para, (2) and (3). Para, (2) readings with 1, 037 2), 036, 3), 037, 4), 036. (Para, (2) next due at 2007.2 HM.) (Para, (3) next due at 2376.2 HM.) Installed new lifters, PN 623 and 653877. Installed envery iston pins, PN 630046. Engine systems set-up to GTSIO-520-L Soges. All A.D.'s researched through weekly 2018-20. See A.D. listing in log binder for all current and future compliance times. Above work done in accordance with Contine and Cessna Service Manuals and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and approfor return to service. Pertinent details are on file under work order 4644. Air Impressorial Inc. CRS# AK6R541N I certify this Engine has been inspected in accordance with a 100 HR. Inspection and has been determined to be in an airworthy condition. DATE 11/01/2018 HM 1976.2 ENGINE TT 2123.7 WORK ORDER #4644 SIGNED AIR IMPRESSIONS, INC	6 105	3	-			
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N On above referenced engine, removed all cowling for 100 Hour/Annual Inspection. Cleaned and gapped spark plugs. Drained oil, instance oil filter and refilled engine with Aeroshell mineral oil. Checked magneto timing. Inspected plug harness and all engine electric Checked all engine controls for movement and attach points. Inspected intake and exhaust system, condition and integrity of all eng accessories. Inspected engine mounts, all baffles and cowling. Inspected prop. spinner and bulkhead. Inspected all fuel, oil and hydra lines and fittings. Ran compressions and readings were: 175/80, 2)76/80, 3)75/80, 4)75/80, 5)6/80, 6)70/80. CWA D. 2000-01-16 paragraphs (b), (c), (d) and (e). (Paragraph (b) next due at 2026.2 HM.) CWA D. 2000-05-15 per para. (2) and (3). Para. (2) readings with 1).037 2).036, 3).037, 4).036. (Para. (2) next due at 2026.2 HM.) CWA D. 2000-05-15 per para. (2) and (3). Para. (2) readings weekly 2018-20. See A. D. listing in log binder for all current and future compliance times. Above work done in accordance with Contine and Cessna Service Manuals and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and approfor return to service. Pertinent details are on file under work order 4644. Air Impressions Inc. CRS# AK6R541N I certify this Engine has been inspected in accordance with a 100 HR. Inspection and has been determined to be in an airworthy condition. DATE 11/01/2018 HM 1976.2 ENGINE SMOIL 547.1 (8/06) ENGINE TT 2125.7 WORK ORDER #4644 SIGNED AIR IMPRESSIONS, INC	AIR IMPRI	ESSIONS INC				
CRS No. AK6R541N Continental GTSIO-520-L S/N R-292327-R Continental GTSIO-62-C S/N R-292327-R Continental GTSIO-62-C S/N R-292327-R Continental GTSIO-62-C S/N R-292327-R Continental GTSIO-62-C S/N R-292327-R Continental Gtsick and exhaust system, condition and exhaust system, condition and exhaust system, condition and integrity of all engine electric checks of solid and system of solid and exhaust system, condition and exhaust system, condition and exhaust system, condition and exhaust system, condition and co	PROFESSIONS	AIRCRAFT SERVICE				19'
CRS No. AK6R541N Continental GTSIO-520-L SN R-292327-R Characteristics Inspected engine mounts, inspected proping. Inspected proping, Inspected proping, Inspected proping, Inspected proping and continents of the submitted and continents of the submitted and the submitted and the submitted in a characteristic and continents of the submitted and continents of the submitted submitted in the submitted sub	792	29 Karl May I	Dr.		Date:	11/01/2
On above referenced engine, removed all cowling for 100 Hour/Annual Inspection. Cleaned and gapped spark plugs. Drained oil, insta new oil filter and refilled engine with Acroshell mineral oil. Checked magneto timing. Inspected plug harness and all engine electric Checked all engine controls for movement and attach points. Inspected intake and exhaust system, condition and integrity of all engaccessories. Inspected engine mounts, all baffles and cowling. Inspected prop, spinner and blacked. Inspected all fuel, oil and hydra lines and fittings. Ran compressions and readings were: 1) 75/80, 2) 76/80, 3) 75/80, 4) 75/80, 5) 65/80, 6) 70/80. C/W A.D. 2000-01-16 paragraphs (b), (c), (d) and (e). (Paragraph (b) next due at 2026.2 HM.) (Para, (3) next due at 2376.2 HM.) (Para, (2) next due at 2026.2 HM.) (Para, (3) next due at 2376.2 HM.) (Para, (2)) next due at 2076.2 HM.) (Para, (3) next due at 2376.2 HM.) (Para, (3) next due at 2376.2 HM.) (Para, (2)) next fluid and 653877. Installed oney piston pins, P/N 630046. Engine systems set-up to GTSIO-520-L Specs. All A.D.'s researched through weekly 2018-20. See A.D. listing in log binder for all current and future compliance times. Above work done in accordance with Contine and Cessna Service Manuals and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and approfor return to service. Pertinent details are on file under work order 4644. Air Impressions line. CRS# AK6R541N I certify this	Wad	co, Texas 767	08			
new oil filter and refilled engine with Aeroshell mineral oil. Checked algeneto timing. Inspected plug harness and all engine electric Checked all engine controls for movement and attach points. Inspected intake and exhaust system, condition and integrity of all engaccessories. Inspected engine mounts, all baffles and cowling. Inspected prop, spinner and bulkhead. Inspected all fuel, oil and hydra lines and fittings. Ran compressions and readings were: 1) 75/80, 2) 76/80, 3) 75/80, 5) 76/80, 6) 70/80. CW A.D. 2000-01-16 paragraphs (b), (c), (d) and (c). (Paragraph (b) next due at 2026.2 HM.) C/W A.D. 2007-05-15 per para. (2) and (3). Para. (2) readings were: 1) 72/80, 2) 76/80, 3) 75/80, 5) 76/80, 6) 70/80. CW A.D. 2000-01-16 paragraphs) (b), (c), (d) and (c). (Para. (2) next due at 2026.2 HM.) C/W A.D. 2007-05-15 per para. (2) and (3). Para. (2) readings were: 1) 75/80, 2) 76/80, 3) 75/80, 5) 76/80, 6) 70/80. CW A.D. 2000-01-16 paragraphs) (b), (c), (d) and (e). (Para. (a) next due at 2026.2 HM.) C/W A.D. 2007-05-15 per para. (2) and (3). Para. (2) readings were: 1) 75/80, 2) 76/80, 3) 75/80, 5) 76/80, 5) 76	CRS	No. AK6R54	11N	<u>C</u>	ontinental GTS1O-520-L S/N R-292327-R	
AIR IMPRESSIONS INC 7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N DATE 11/01/2018 HM 1976.2 ENGINE SMOH 547.1 (8/06) ENGINE TT 2125.7 WORK ORDER #4644 SIGNED AIR IMPRESSIONS, INC	for re	turn to service	e. Pertinent d			ша аррго
inspected in accordance with a 100 HR. Inspection and has been determined to be in an airworthy condition. Waco, Texas 76708 CRS No. AK6R541N DATE 11/01/2018 HM 1976.2 ENGINE SMOH 547.1 (8/06) ENGINE TT 2125.7 WORK ORDER #4644 SIGNED AIR IMPRESSIONS, INC						
Inspection and has been determined to be in an airworthy condition.		AIR IMP	PRESSIONS, IN	IC.	1 CCI tilly tillis 1711g.	
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N to be in an airworthy condition. DATE 11/01/2018 HM 1976.2 ENGINE SMOH 547.1 (8/06) ENGINE TT 2125.7 WORK ORDER #4644 SIGNED AIR IMPRESSIONS, INC		PROFESSIONS	AIRCRAPT SERVICE		Inspection and has been determined -	
CRS No. AK6R541N ENGINE SMOH 547.1 (8/06) ENGINE TT 2125.7 WORK ORDER #4644 SIGNED AIR IMPRESSIONS, INC		79	929 Karl May	5708		
ENGINE SMON 347.7 (6.6.6.7) ENGINE TT 2125.7 WORK ORDER #4644 SIGNED AIR IMPRESSIONS, INC		W	S No. AK6R	541N	Ditti D	
WORK ORDER #4644 SIGNED AIR IMPRESSIONS, INC					Di (O)	
SIGNEDAIR IMPRESSIONS, INC					EHOIHE II	
AIR IMPRESSIONS, INC		1				
					AIR IMPRESSIONS, INC	
		_				
	_					

SUB-TOTALS this page

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
		s aris	100 mm	TOTALS brought forward from previous page
AIR IM	PRESSIONS, IN	ic		Engine TT: 2447.9 Engine SMOH: 607.4 (8/06)
	929 Karl May	Dr.		Hour Meter:
V	Vaco, Texas 76	5708		12/00/2017
CF	RS No. AK6R	541N	Continent	al GTSIO-520-L S/N R-292327-R
On a	bove reference	ced engine rem	oved this date	for crankcase change. Pertinent details are on file under work order 4789.
1	Se Ve	Ĵ		
	Impressions, I			
CRS	S# AK6R5411	V		
			p fee	
			I parameter and promote the second	
1	Total	Total		
Date	Time	Time Since	Recording Meter	
	Service	Overhaul	Time	R A A
/29/2020	2447.9	607.4	2036.5	TM CONTRACTOR OF THE CONTRACTO
		Co	ntinental GT	RAM Aircraft, Limited Partnership • Waco Regional Airpor SIO-520-L Right Engine S/N 292327-R
ne above	reference	d engine wa	as disassem	bled to facilitate a case change. The engine was cleaned, inspected
-30045. F	Reused cra	nkshaft, pro	p shaft, red	tandard Practice Maintenance Manual M-0 and CMI Overhaul Manua uction gear, quill shaft and rod bearings. Installed new crankcase S/I
18LA299 n SA629	, camshaft 3488 (int)	S/N XGF18	3041, reduct	tion gear bearings, prop shaft bearings, main bearings and new lifter. C/W MSB96-10B ultrasonic inspection. AD 2007-05-15 c/w pe
SB94-41	or latest r	evision, Par	rt 3. Next 10	00 hour inspection due 2136.5. Next 400 hour inspection due 2436.5
ods bala	inced to R	AM specific	cations and	new bolts and nuts installed in rods. Disassembled and cleane
ylinders.	Reinstalled	cylinder as	semblies. I	nstalled overhauled oil pump S/N DV104111. Installed accessories i
eir respe ydraulic i	ctive positi oump which	ons with ex n were not	isting time i	n service with the exception of the vacuum pump, tach generator an r this work order. Cleaned and flushed prop governor, oil cooler an
tarter ada	apter. Servi	ced engine	with Aerosh	nell 100 oil. Ran in test cell for 1 hour. Engine is approved for return t
ervice to	work perfo	ormed. Engi	ne preserve	ed per CMI M-0 Standard Practice Maintenance Manual temp. storag Project No. 9365.
p to 90 d	dys. I citille	citt details c	in the diluci	1 10,000 110, 0000.

TOTALS—Carry forward to next page

SUB-TOTALS this page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPT SIGNATURE & CERTIFI	ION OF WORK PERFOR	RMED—	ge No
		10/55	THE RESERVE	TOTALS brought forward from	previous page		
Avionic 7305 Bo El Paso,	o Aero, Inc. es Associates eing Drive Texas 79925 EVL1R562K	S/N:	N5288J 421C0158 Jobbs: 2020.4	Mfg: Cessna W.O.#: 70175 Flt Hobbs: 392.8	Model: 421C Date: 07/24/19	Page	l of l
This eng	ine is approve	ed for return	to service and	ance with Maintenance Manual 7053736 and ops checked ok. is airworthy with respect to the er WO#70175.			
AIR IMPRES	SIONS, INC.					ine TT:	2447 607.4 (8/0
PROFESSION ST. ASP.	CRAFT SHRVICE				Pro	p SMOH: ur Meter:	607.4 (9/0
7929	Karl May Dr.					0.	
7929 Waco	Karl May Dr. , Texas 76708 Io. AK6R541N		Cont	inental GTSIO-520-1 S/N P.3	Dat	e:	02/14/20
7929 Waco CRS N	, Texas 76708 Io. AK6R541N			inental GTSIO-520-L S/N R-2	Dat 292327-R		02/14/20

SUB-TOTALS this page

ige 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
		4		TOTALS brought forward from previous page
	PROFESSION	PRESSIONS, IN 17929 Karl Ma Waco, Texas 7 RS No. AK66	y Dr. 6708	I certify this has been inspected in accordance with a 100 HR. Inspection and has been determined to be in an airworthy condition. DATE 02/14/2020
NS	288J C421C S	602 /N: 421C0158	NE AIRCRAFT, LL 2-300-3791 HOBBS: 2053.3 N: 292327-R SN	AFTT: 6150.7 5/1/2021
	 1. 100 2. REPL 3. CHA 4. COM 5. SET F 6. AD'S 7. C/W 	PRESSIONS 1/7 FUEL FLOWS. CHECKED THRO	PINS. FILTER, AS 100 P 4, 2/75, 3/75, 4, DUGH 2021-09. DATED 4-16-20	/71, 5/72, 6/70
	IAW FAA RI	HIS ENGINE HA EGULATIONS AI FOR RETURN T	ND FOR THE WO O SERVICE.	CE AFANA
	,		711 004004	

TOTAL TACH OR TIME RECORDING DATE DESCRIPTION OF WORK PERFORMED-SINCE METER SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK Chino Aviation Inc. TOTALS brought torward from previous page 7000 Merrill Ave. Hangar A-340 Chino CA 91710 N5288J Aircraft hobbs: 2070 - 01/15/2023 Right Engine TSO: 641.2 Inspected engine, inspected oil filter, found no metal, engine run satisfactory, compression checked: #1 72/80, #2 77/80, #3 76/80, #4 72/80, #5 72/80, #6 72/80, Inspected and cleaned all sparkplugs, replaced filter with 48109-2 and serviced engine with Aeroshell 100w Plus, induction filter due at 6220.7 airframe time. AD on magnetos is due at 2080.6 hobbs time. I certify that this Engine has been inspected In accordance with an Annual Inspection and found Airworthy at this time. Agustin Cendejas AP2606564IA SUB-TOTALS this page

