TELEDYNE CONTINENTAL

Gold Medallion Aircraft Engine

CONTINENTAL AIRCRAFT ENGINES · SINCE 1927 · GOLD MEDALLION PROTECTION

USE ONLY FUEL CONFORMING TO ASTM D910.

USE OF AUTOMOTIVE GAS IS NOT APPROVED.

REBUILT ENGINE LOG

AIRCRAFT N NUMBER

ENGINE MODEL NUMBER

ENGINE SERIAL NUMBER

This engine model __IO520BB21B__, Serial No. 813777-R, was rebuilt/zero timed on 08/20/97 by Teledyne Continental Motors in accordance with an FAA approved Quality Control System, using FAA approved Engineering design data and the applicable requirements of FAR Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporated the following Service Bulletins and Airworthiness Directives.

SB	AD	REMARKS
M79-2	79-05-09	REPLACED WITH NEW PART
M80-26	81-24-06	TORQUE CHECK
M86-7	86-13-04	REPLACED WITH NEW PART
M87-5	87-23-08	ULTRASONIC INSPECTION OF C/SHAFT
M87-13	87-14-02	REPLACED WITH NEW PART
M87-24	88-17-03	REPLACED WITH NEW PART
M88-4	88-03-06	REPLACED WITH NEW PART
M90-21	N/A	ULTRASONIC INSPECTION OF BARREL
M91-6	N/A	ULTRASONIC INSPECTION OF BARREL
M91-7	N/A	ULTRASONIC INSPECTION OF BARREL
N/A	91-19-03	REPLACED OIL FILTER
M92-6	N/A	ROCKER SHAFT RETENTION IMPROVED
M92-14	N/A	VISUAL INSPECTION
M93-9	93-16-15	PROPER SHAFT & COUPLING INSTALLED
MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE
CSB94-1	94-06-09	REPLACED CAPACITOR AS APPLICABLE
MSB95-6	N/A	FUEL SYSTEMS
MSB96-10	N/A	CRANKSHAFT ULTRASONIC INSPECTION
MSB94-8A	N/A	MAGNETO TO ENGINE TIMING
CSB97-10	97-15-01	PISTON PIN PLUG WEAR

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

TELEDYNE CONTINENTAL MOTORS
PRODUCTION CERTIFICATE NO. 508

Walter Pogue

RS

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
10-13-97	830.2		ACFT TT.	0	SFRM.	Completed Annual inspection and Engine installation this date. Engine installation included new lord mounts, engine hoses, starter and Plugs. Reinstalled alternator, Governor and prop. Replaced stainless fuel line at fuel flow transducer w/ new bench fuel. Eng serviced w/ 12 qts 40 wt mineral oil. Eng ground run and load checked normal set idle & mixture. This installation completed in N8051T - F-33A.		
											The aircraft, airframe, engine, or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order no. 6583 date 10-13-97 Signed [signature] For: Maine Instrument Flight Inc. Augusta State Airport Augusta, Maine 04330 Repair Station BFYR429C		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
3-27-98	887.6 Tach		Drained oil & serviced w/ 11 qts 15/50 Aeroshell. Checked filter & replaced. Removed winter baffles. Eng ground run & leak checked good. [signature] FOR								CRS # BFYR429C w/o 6755		
8-12-98	TACH 947.9		DRAINED OIL & SERVICED WITH 11 QTS AEROSHELL 15W-50, CHECKED FILTER AND REPLACED. ENGINE GROUND RUN AND LEAK CHECKED GOOD [signature] FOR								CRS #BYFR429C w/o 6934		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
11-20-98	986.1	Tach	155.9	SFRM.		Completed	annual		inspection this date. Drained oil				
	and	serviced	w/	11 qts		15/50	Aeroshell.	Checked	filter & replaced. Compression checks				
	as follows -	#1-75	#2-70	#3-72	#4-70	#5-74	#6-74.	Plugs	cleaned and gapped.				
	cleaned	injectors.	Checked	and	cleaned	fuel	screens.	Mag	timing checked.				
	Eng	washed,	ground	run &	leak	checked	good.						

The aircraft, airframe, engine, or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order no. 7031 date 11-20-98

Signed [signature]

For: Maine Instrument Flight Inc.
Augusta State Airport
Augusta, Maine 04330
Repair Station BFYR429C

BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
12-22-98	TACH	993.4		163.2		SFRM	INSTALLED	THE	TAS-100	PREHEATER	SYSTEM S/N 29086 IN		
	ACCORDANCE	WITH	THIS	AIRCRAFT		SERVICES	INSTRUCTIONS	AND	DRAWING	NO. 100B			
			Ernest F. Grant Jr			FOR	CRS#	BFYR429C	W/O 7063				
2/17/99	1002.7	Tach	Replaced	Breather		Asm	w/	New	P/N 649406-3.				
									FOR CRS# BFYR429C	W/O 7098			
5-19-99	TACH	1034.3	DRAINED	OIL	AND	SERVICED	WITH	11	QTS AEROSHELL	15W-50,	CHECKED FILTER		
	AND	REPLACED.		ENGINE	GROUND	RUN	AND	LEAK	CHECKED GOOD.				
					Ernest F. Grant Jr		FOR	CRS#	BFYR429C	W/O 7202			
9-14-99	TACH	1085.7	DRAINED	OIL	AND	SERVICED	WITH	11	QTS AEROSHELL	15W-50,	CHECKED FILTER		
	AND	REPLACED.		GROUND	RUN	ENGINE	AND	LEAK	CHECKED GOOD.				
					Ernest F. Grant Jr		FOR	CRS#	BFYR429C	W/O 7337			
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
11/22/99	1100	2 Tach	270	SFRM.		c/w	Continental				SB 98-18 by inspection Valve tags for accelerated wear. None found at this time. Eng ground run & leak checked good.		
									CRS #BF#R429C		w/o 7411		
11/22/99	1100.2	Tach	270	SFRM.	Compression checked as follows - #1-70 #2-70 #3-68 #4-70 #5-72 #6-73. Cleaned injector nozzles. Checked mag timing. Checked and cleaned fuel screens. Plugs cleaned and gapped. Eng washed, ground run & leak checked normal.								

The aircraft, airframe, engine, or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order no. 7407 date 11/22/99
Signed

For: Maine Instrument Flight Inc.
Augusta State Airport
Augusta, Maine 04330
Repair Station BFYR429C

BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
5/8/00	1163.6	Tach	Drained	oil & serviced					w/ 11qts.		15/50 Aeroshell. Checked filter and replaced. Removed with lopper - Eng ground run - leak checked good		
									CRS #BFYR429C		w/o 7562		
9/7/00	1220.3	Tach	Drained	oil & serviced					w/ 11qts		15/50 Aeroshell. Checked filter and replaced. Eng ground run & leak checked good.		
									CRS #BFYR429C		w/o 7665		

BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
1/17/01	1282.6	Tach	45.2.4	SFRM.		Drained oil + serviced w/ 11qts 15/50 Aeroshell. Checked filter and replaced. Compression checked as follows — #1-66 #2-73 #3-68 #4-72 #5-73 #6-70. Plugs cleaned and gapped. Checked mag timing. Cleaned injector nozzles. Eng ground run + leak checked good.		

The aircraft, airframe, engine, or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order no. 7741 date 1/17/01
Signed

For: Maine Instrument Flight Inc.
Augusta State Airport
Augusta, Maine 04330
Repair Station BFYR429C

BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
4/11/01	1336.6	TACH		Drained oil and Serviced with 11qts Aeroshell 15/50. Checked and Replaced filter. Eng ground runs and leak checks good Jeffrey Poole CRS# BFYR429C W/O # 7822									
10/31/01	1405.9	Tach		Drained oil + serviced w/ 11 qts 15/50 Aeroshell. Checked filter and replaced. Eng ground run + leak checked good. CRS# BFYR429C W/O 08038									
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
2/08/02	1433.8 Tach		603.6 SFRM			Completed annual inspection this date. Drained oil & serviced w/ 11qts 15/50 Aeroshell. Checked filter and replaced. Compression checked as follows - #1-65 #2-65 #3-60 #4-67 #5-68 #6-64. Replaced all plugs w/ new Champion RHB32E. C/W 500 hr mag inspection on both mags. Inspected impulse coupling per SB 1-46A. Checked internal timing and synchronized and timed to spec. Checked fuel screens. Eng washed, ground run & leak checked good.		
BROUGHT FORWARD													
TOTALS													

The aircraft, airframe, engine, or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order no. 8114 date 2/08/02
Signed

For: Maine Instrument Flight Inc.
Augusta State Airport
Augusta, Maine 04330
Repair Station BFYR429C

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
9/6/02	1494.9 Tach		Drained oil and Serviced with 11qts of Aeroshell 15/50 oil. Checked and Replaced oil filter. Eng ground runs and leak checks good. Jeffrey Bystel CRS# BFYR429C w/o 8335										
	1567.3 Tach		Drained oil & serviced w/ 11qts 15/50 Aeroshell. Checked filter and replaced. Compression checked as follows. #1-68 #2-60 #3-60 #4-63 #5-70 #6-66. Plugs cleaned and gapped. Mag timing checked. Fuel screens checked. Replaced crankshaft seal Part 641250. Replaced #2 & 4 cyl Valve cover gasket. Eng washed. ground run & leak checked good.										
BROUGHT FORWARD													
TOTALS													

Tach/~~Hobbs~~ 1567.3 Total Time 737.1 SMOH
I certify that this ~~Airframe~~/Engine has been inspected in accordance with an Annual / ~~100 HR~~ inspection and was determined to be in airworthy condition.
Date 1/02/03 Signature
W/O 8424 CRS # BFYR429C
Maine Instrument Flight, Inc.
Augusta State Airport Augusta, ME 04330

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
3/14/03	1579.4 Tach										Removed and Reinstalled propeller after Major overhaul performed by New England Propeller Services. Ground runs, leak checks and op. checks good. Jeffrey Pirsh CRS # BFYR429C W/O 8468		
2/20/04	1655.2	825 SFRM.									Drained oil + serviced w/ 11 qts 15/50 Aeroshell. Checked filter and replaced. Compression checked as follows - 1-64 #2-68 #3-60 #4-62 #5-64 #6-66. Plugs cleaned and gapped. Checked mag timing. Checked fuel screens. Eng ground run & leak checked good.		
7/27/04	1720.8										Drained oil + serviced w/ 11 qts 15/50 Aeroshell. Checked filter and replaced. Eng ground run & leak checked good. AMP 467040439		
BROUGHT FORWARD													
TOTALS													

Tach/~~Hobbs~~ 1655.2 Total Time 825
I certify that this Airframe/Engine has been inspected in accordance with an Annual / 100 HR inspection and was determined to be in airworthy condition.
Date 2/20/04 Signature
W/O 8738 CRS # BFYR429C
Maine Instrument Flight, Inc.
Augusta State Airport Augusta, ME 04330

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
3/21/05	1798.3 Tach										Drained oil + serviced w/ 11 qts 15/50 Aeroshell. Checked filter and replaced. Compression checked as follows - #1-63 #2-64 #3-60 #4-62 #5-61 #6-68. Plugs cleaned and gapped. Mag timing checked. Fuel injector nozzles cleaned. Control checked and lubed. Retorqued upper one half bolts to gear. Eng warmed, ground run & leak checked good.		
7/19/05	1836.1 Tach										Drained oil and serviced with 11 qts of Aeroshell 15/50 oil. Checked and replaced filter. Eng ground run and leak checks good. Jeffrey Pirsh AMP 258065 W/O 9145		
BROUGHT FORWARD													
TOTALS													

Tach/~~Hobbs~~ 1798.3 Total Time 968.1 SMOH
I certify that this ~~Airframe~~/Engine has been inspected in accordance with an Annual / ~~100 HR~~ inspection and was determined to be in airworthy condition.
Date 3/21/05 Signature
W/O 9048 [redacted] 467040437 IA
Maine Instrument Flight, Inc.
Augusta State Airport Augusta, ME 04330

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
3/24/06	1876.1 Tach.										Drained oil & serviced w/ 11 qts 15/50 Aeroshell. Checked filter and replaced. Compression checked as follows: #1-60 #2-60 #3-N/A #4-63 #5-72 #6-64. Replaced #3 cyl w/ serviceable stud assy w/ new rings. Removed piston and pin. Installed w/ new gasket & seals. Cleaned and gapped plugs. Checked mag timing. Checked fuel screens. Checked controls. Eng washed and ground run good.		
BROUGHT FORWARD													
" TOTALS													

Tach/~~Hobbs~~ 1876.1 Total Time 1045.9 SFAM
I certify that this ~~Airframe~~/Engine has been inspected in accordance with an Annual / ~~100 HR~~ inspection and was determined to be in airworthy condition.
Date 3/24/06 Signature [redacted]
W/O 9283
Maine Instrument Flight, Inc. 4270470 SIA
Augusta State Airport Augusta, ME 04330

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
3/07/07	1962.4										Drained oil & serviced w/ 11 qts 15/50 Aeroshell. Checked filter and replaced. Compression checked as follows - #1-60 #2-60 #3-65 #4-64 #5-70 #6-65. Plugs cleaned and gapped. Performed 500 HR mag inspection. Checked couplings, points and timing. Reinstalled and timed to spec. Checked fuel screens. Checked and lubed controls. Replaced starter generator drive pad seal and gasket. Replaced all valve cover gaskets. Replaced cyl push rod tube seals. Eng washed, ground run & leak checked good.		
7/30/07	1991.5										Drained oil & serviced w/ 16 qts 15/50 Aeroshell. Checked filter and replaced. Eng ground run & leak checked good.	[redacted]	
BROUGHT FORWARD													
TOTALS													

Tach/~~Hobbs~~ 1962.4 Total Time 1132.2
I certify that this ~~Airframe~~/Engine has been inspected in accordance with an Annual / ~~100 HR~~ inspection and was determined to be in airworthy condition.
Date 3/07/07 Signature [redacted]
W/O 9481
Maine Instrument Flight, Inc. 4270470 SIA
Augusta State Airport Augusta, ME 04330

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
2/28/08	2051.1		Drained oil & serviced w/ 11 qts						15/50		Aeroshell. Checked filter and replaced. Eng ground run & leak checked good.	A&P 4670404383	
5/01/08	2066.8 Tach		1236.6 SFRM.								Compression checked as follows – #1-67 #2-60 #3-67 #4-N/A #5-60 #6-65. Plugs cleaned and gapped. Mag timing checked. Fuel screens checked and cleaned. Controls checked and lubed. Removed #4 cyl due to low compression and sent to Teledyne/Mattituck for repair. Removed #6 cyl for exhaust stud replacement. Reinstalled #4 cyl in the #6 position and the #6 cyl in the #4 cyl position. Replaced seals & gaskets as needed. Eng ground run & leak checked good.		
BROUGHT FORWARD													
TOTALS													

Tach/~~Hobbs~~ 2066.8 Total Time 1236.6 SFRM
I certify that this ~~Airframe~~/Engine has been inspected in accordance with an Annual / ~~100 HR~~ inspection and was determined to be in airworthy condition.
Date 5/01/08 Signature [redacted]
W/O 9671
Maine Instrument Flight, Inc. 4670404383A
Augusta State Airport Augusta, ME 04330

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
1/16/09	2122.6		DRAINED OIL AND SERVICED WITH 11 QTS OF AEROSHELL 15/50 OIL. CHECKED AND REPLACED FILTER. ENG GROUND RUNS AND LEAK CHECKS GOOD										
			Jeffrey Rolk						A&P 2580657		W/O 9829		
5/13/09	2150.5		Drained oil & serviced w/ 11 qts						15/50		Aeroshell. Checked filter and replaced. Compression checked as follows – #1-70 #2-60 #3-67 #4-64 #5-72 #6-72. Plugs cleaned and gapped. Mag timing checked. Fuel screens checked. Controls checked and lubed. Eng ground run & leak checked good.		
BROUGHT FORWARD													
TOTALS													

Tach/~~Hobbs~~ 2150.5 Total Time 1320.3 SFRM
I certify that this ~~Airframe~~/Engine has been inspected in accordance with an Annual / ~~100 HR~~ inspection and was determined to be in airworthy condition.
Date 5/13/09 Signature [redacted]
W/O 9875
Maine Instrument Flight, Inc. 4670404383A
Augusta State Airport Augusta, ME 04330

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
11/11/09	2218.7		DRAINED OIL AND SERVICED WITH 11 QTS OF AEROSHELL 15/50										
			OIL CHECKED AND REPLACED FILTER, ENG GROUND RUNS AND										
			LEAK CHECKS GOOD								Jeffry Rich AP 2580657		
5/10/10	2249.1		Drained oil + serviced w/ 11 qts 15/50 Aeroshell. Checked filter and replaced. Compression checked as follows - #1-69 #2-12 #3-61 #4-69 #5-71 #6-72. Replaced #2 cyl w/ overhauled used w/ new piston, rings + seals. Replaced all spark plugs w/ new. Mag timing checked. Fuel screens checked. Controls checked and lubed. Eng warmed, ground run + leak checked good.										
											Tach/~~Hours~~ 2249.1 Total Time 1418.5 SERV I certify that this ~~Airframe~~/Engine has been inspected in accordance with an Annual / ~~100 HR~~ inspection and was determined to be in airworthy condition. Date 5/10/10 Signature [redacted] W/O 10060 Maine Instrument Flight, Inc. 4670404352X Augusta State Airport Augusta, ME 04330		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
5/2/11	2305.6 Tach.		Drained oil + serviced w/ 11 qts 15/50 Aeroshell. Checked filter and replaced. Compression checked as follows - #1-68 #2-77 #3-66 #4-68 #5-62 #6-71. Plugs cleaned and gapped. Fuel screens checked + cleaned. Controls checked and lubed. Eng ground run + leak checked good.										
											Tach/~~Hours~~ 2305.6 Total Time 1475.4 SERV I certify that this ~~Airframe~~/Engine has been inspected in accordance with an Annual / ~~100 HR~~ inspection and was determined to be in airworthy condition. Date 5/2/11 Signature [redacted] W/O 10230 Maine Instrument Flight, Inc. 4670404352X Augusta State Airport Augusta, ME 04330		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

MAINE INSTRUMENT FLIGHT
Since 1946

Augusta State Airport
215 Winthrop St
Augusta, ME 04330-5040

Tel 207-622-1211
Toll Free 888-643-3597
Fax 207-622-7858

DATE | SIGNATURE | LICENSE NUMBER

N-8091T Engine Log
6/1/2012 Aircraft Time – 2393.0 Total Time – 1562.8 SFRM Work Order # 10438

Drained oil and serviced with 11 qts of Aeroshell 15/50 oil. Checked and replaced filter. Cleaned and gapped sparkplugs. Checked magneto timing. Performed compression checks, results as follows #1-60, #2-72, #3-60, #4-60, #5-72, #6-69. Checked and lubed engine controls. All AD's checked using TDATA 2012-11. Engine ground runs and leak checks good.
I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

Signed _____
Jeffrey Pieske A&P 2580657IA

BROUGHT FORWARD
TOTALS

ENGINE LOG

DATE | R.P. Ground | URE | LICENSE NUMBER

MAINE INSTRUMENT FLIGHT
Since 1946

Augusta State Airport
215 Winthrop St
Augusta, ME 04330-5040

Tel 207-622-1211
Toll Free 888-643-3597
Fax 207-622-7858

N8091T Engine Log
7/22/2013 Aircraft Time – 2476.80 Total Time—1646.6 SFRM Work Order # 10647

Drained oil and serviced with 11 QTS of Aeroshell 15/50 oil. Checked and replaced filter. Checked magneto to engine timing. Cleaned and gapped sparkplugs. Checked and lubed engine controls. Checked and cleaned fuel inlet screen. Performed compression checks, results as follows #1-20, #2-65, #3-63, #4-64, #5-60, #6-69. Removed, cleaned and reinstalled all fuel injectors. Removed #1 cylinder assy due to low compression and burnt exhaust valve, installed overhauled assy S/N 69227N1 with new piston, rings and seals. Replaced #3 and #5 exhaust gaskets. All AD'S checked using TDATA 2013-14. Engine ground runs and leak checks good.
I certify that this Engine has been inspected in accordance with an Annual inspection and was found to be airworthy at this time.

Signed _____
Jeffrey Pieske A&P 2580657IA

BROUGHT FORWARD
TOTALS

DATE | Gro | URE | LICENSE NUMBER

MAINE INSTRUMENT FLIGHT
Since 1946

Augusta State Airport
215 Winthrop St
Augusta, ME 04330-5040

Tel 207-622-1211
Toll Free 888-643-3597
Fax 207-622-7858

N8091T Engine Log
5/30/2014 Aircraft Time –2519.5 Total Time—1689.3 Work Order # 10831

Drained oil and serviced with 11qts of Aeroshell 15/50 oil. Inspected and replaced oil filter. Engine ground runs and leak checks satisfactory. All work done IAW Beechcraft MM 36-590001-9 C8

Signed _____
Jeffrey Pieske A&P 2580657

MAINE INSTRUMENT FLIGHT
Since 1946

Augusta State Airport
215 Winthrop St
Augusta, ME 04330-5040

Tel 207-622-1211
Toll Free 888-643-3597
Fax 207-622-7858

N8091T Engine Log
10/3/2014 Aircraft Time –2531.2 Total Time—1701.0 Work Order # 10906

Drained oil and serviced with 11 qts of Aeroshell 15/50 oil. Checked and replaced the oil filter. Cleaned and gapped the sparkplugs. Performed compression checks , results as follows #1-72, #2-66, #3-60, #4-60, #5-60, #6-68. Cleaned and inspected the fuel nozzles. C/W 500HR magneto inspection. Replaced L/H and R/H magneto distributor block and points. Internally timed the magnetos and installed magnetos on engine, timed to engine. Inspected and serviced the engine controls. Cleaned and inspected the fuel system screen. All AD's checked using TDATA 2014-20. Engine ground runs and leak checks satisfactory. All work accomplished IAW Beechcraft MM 33-590011-1 C17 and Continental IO-520 service manual. I certify that this Engine has been inspected IAW an Annual inspection and was found to be airworthy at this time.

Signed _____
Jeffrey Pieske A&P 2580657IA

BROUGHT FO
TOTALS

ENGINE LOG

DATE | Gro | LICENSE NUMBER

MAINE INSTRUMENT FLIGHT
Since 1946

Augusta State Airport
215 Winthrop St
Augusta, ME 04330-5040

Tel 207-622-1211
Toll Free 888-643-3597
Fax 207-622-7858

Date: 2/12/2016; Aircraft: N8091T; Type: F33A; S/N: CE-1665; Tach: 2590.30; Total Time: 2590.30; Engine - Type: Continental IO-520BB21B, S/N: 813777-R, Time: 1760.10, SMOH: 1760.10
Shop Order #: 16-1164
Performed compression checks, results as follows #1-74, #2-62, #3-54(rings), #4-67, #5-61, #6-64. Drained oil and serviced with 11qts of Aeroshell 15/50 oil. Removed, inspected and replaced the oil filter. Adjusted throttle max RPM and idle stops. Checked magneto timing. Cleaned, gapped and tested spark plugs. Engine ground run and operational check satisfactory. All work accomplished in accordance with Beechcraft MM 36-590001-9 Rev. C9 and Continental IO-520 service manual.

Signed _____
David Blais A&P 40506897

All AD's checked using tdata 2016-03. I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time.

Signed _____
Jeffrey Pieske A&P 2580657 IA

BROUGHT FORWARD
TOTALS

ENGINE LOG

DATE

LICENSE NUMBER

MAINE INSTRUMENT FLIGHT
Since 1946

Augusta State Airport
215 Winthrop St
Augusta, ME 04330-5040

Tel 207-622-1211
Toll Free 888-643-3597
Fax 207-622-7858

Date: 2/14/2017; Aircraft: N8091T; Type: F33A; S/N: CE-1665; Tach: 2649.00; Total Time: 2649.00; Engine - Type: Continental IO-520BB21B, S/N: 813777-R, Time: 1818.80, SMOH: 1818.80
Shop Order #: 17-1529
Drained oil and serviced with 11 quarts of Aeroshell 15W50 oil. Removed, inspected and replaced oil filter. Performed Compression test results as follows #1-73, #2-57, #3-63, #4-56, #5-54, #6-70. Removed, cleaned, gapped and tested and reinstalled spark plugs. Checked magneto to engine timing. All work accomplished IAW Beechcraft MM 36-590001-9 C10 and Continental IO-520 service manual.

Signed David Blais
David Blais A&P 40506897

All AD's checked using TDATA 2017-03. I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time.
Signed
Jeffrey Pieske A&P 2580657 IA

BROUGHT FORWARD
TOTALS

DATE

LICENSE NUMBER

MAINE INSTRUMENT FLIGHT
Since 1946

Augusta State Airport
215 Winthrop St
Augusta, ME 04330-5040

Tel 207-622-1211
Toll Free 888-643-3597
Fax 207-622-7858

Date: 3/20/2017; Aircraft: N8091T; Type: F33A; S/N: CE-1665; Tach: 2649.00; Total Time: 2649.00; Engine - Type: Continental IO-520BB21B, S/N: 813777-R, Time: 1818.80, SMOH: 1818.80
Shop Order #: 17-1562
Removed starter S/N A08049710 and replaced with overhauled starter S/N A05219809. Operational check satisfactory. All work accomplished IAW Beechcraft MM. 36-590001-9 C10 and Continental IO520 service manual
Signed
Jeffrey Pieske A&P 2580657

MAINE INSTRUMENT FLIGHT
Since 1946

Augusta State Airport
215 Winthrop St
Augusta, ME 04330-5040

Tel 207-622-1211
Toll Free 888-643-3597
Fax 207-622-7858

Date: 12/18/2017; Aircraft: N8091T; Type: F33A; S/N: CE-1665; Tach: 2703.80; Total Time: 2703.80; Engine - Type: Continental IO-520BB21B, S/N: 813777-R, Time: 1873.60, SMOH: 1873.60
Shop Order #: 17-1785
This engine S/N 813777-R removed from aircraft N8091T F33A Bonanza for overhaul.
Signed
Jeffrey Pieske A&P 2580657

BROUGHT FORWARD
TOTALS

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Feb 5/18													

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts limits by Aerotec Engines Limited AMO#6-96. Engine disassembled, cleaned, inspected and reassembled in accordance with Aerotec Engines approved procedures. A performance inspection run and initial break-in was conducted in a precision test cell and this engine meets all design criteria. A description of all work performed is on file at this agency. A complete Parts List, Record of Accessories and list of all AD's embodied are attached to the rear cover of this book.

MAKE TCM W.O.# 12880
MODEL IO-520-BB T.S.O. 0 HRS
SERIAL # 813777-R T.T UNKNOWN

AEROTEC Engines Limited

AEROTEC ENGINES LIMITED
740 Windgate Drive
Beaver Bank, NS, B4G 0A6
902-873-3100

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Authorized Signature [signature] Date Feb 5/18 Lic. Stamp 1 AEL

BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Feb 5/18													

List of AD's embodied at this time are attached to the back cover of this book.

List of Mandatory SB's that were complied with are kept on file under this work order.

MAKE TCM W.O.# 12880
MODEL IO-520-BB T.S.O. 0 HRS
SERIAL # 813777-R T.T UNKNOWN

AEROTEC Engines Limited

AEROTEC ENGINES LIMITED
740 Windgate Drive
Beaver Bank, NS, B4G 0A6
902-873-3100

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Authorized Signature [signature] Date Feb 5/18 Lic. Stamp 1 AEL

Note: New cylinders installed. Engine must be run with an approved mineral oil for the next 50 hours.

100LL is the only fuel recommended for this engine.

AEROTEC Engines Limited

AEROTEC ENGINES LIMITED
740 Windgate Drive
Beaver Bank, NS, B4G 0A6

BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE | LICENSE NUMBER

MAINE INSTRUMENT FLIGHT Since 1946

Augusta State Airport
215 Winthrop St
Augusta, ME 04330-5040

Tel 207-622-1211
Toll Free 888-643-3597
Fax 207-622-7858

Date: 2/21/2018; Aircraft: N8091T; Type: F33A; S/N: CE-1665; Tach: 2703.80; Total Time: 2703.80; Engine - Type: Continental IO-520BB21B, S/N: 813777-R, Time: 1873.60, SMOH: 0.00
Shop Order #: 17-1785
Removed engine, sent out for overhaul.
Outside Repair Completed: 2/15/2018
Item: IO-520-BB, S/N: 813777-R
Repaired By: Aerotec Engines Limited PO #: 180812
Reinstalled engine after overhaul. Installed with overhauled starter, mangetos and fuel system components. Serviced engine with 12qts of Aeroshell 65 mineral oil and pre oiled engine. Performed ground runs and performed fuel system adjustment and test. Engine ground runs, leak checks and operational checks satisfactory. All work performed IAW Beechcraft MM 36-590001-9 C11 and Continental IO-520 service and overhaul manuals.

Signed
David Blais A&P 40506897

All AD's checked using TDATA 2018-04. I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time.

Signed
Jeffrey Pieske A&P 2580657 IA

BROUGHT FORWARD
TOTALS

ENGINE LOG

DAT | LICENSE NUMBER

MAINE INSTRUMENT FLIGHT Since 1946

Augusta State Airport
215 Winthrop St
Augusta, ME 04330-5040

Tel 207-622-1211
Toll Free 888-643-3597
Fax 207-622-7858

Date: 4/06/2018; Aircraft: N8091T; Type: F33A; S/N: CE-1665; Tach: 2714.20; Total Time: 2714.20; Engine - Type: Continental IO-520BB21B, S/N: 813777-R, Time: 1884.00, SMOH: 10.40
Shop Order #: 18-1863, Closed: 4/16/2018
Drained oil and serviced with 11 quarts of Aeroshell 100 mineral oil. Removed, inspected and replaced oil the filter. All work performed IAW Beechcraft 36-590001-9 C11 and Continental IO-520 service manual.

Signed
David Blais A&P 40506897

MAINE INSTRUMENT FLIGHT Since 1946

Augusta State Airport
215 Winthrop St
Augusta, ME 04330-5040

Tel 207-622-1211
Toll Free 888-643-3597
Fax 207-622-7858

Date: 7/27/2018; Aircraft: N8091T; Type: F33A; S/N: CE-1665; Tach: 2738.20; Total Time: 2738.20; Engine - Type: Continental IO-520BB21B, S/N: 813777-R, Time: 1908.00, SMOH: 34.40
Shop Order #: 18-1918
Compliexd with 25HR breakin oil change. Drained oil and serviced with 11 quarts of Phillips 20W50 mineral oil. Removed, inspected and replaced the oil filter. Engine ground run and leak checks satisfactory. All work performed IAW Beechcraft MM 36-590001-9 C11 and Continental IO-520 service manual.

BROI

Signed
Nicholas Koch A&P 3130849

ENGINE LOG

DATE | LICENSE NUMBER

MAINE INSTRUMENT FLIGHT Since 1946

Augusta State Airport
215 Winthrop St
Augusta, ME 04330-5040

Tel 207-622-1211
Toll Free 888-643-3597
Fax 207-622-7858

Date: 5/30/2019; Aircraft: N8091T; Type: F33A; S/N: CE-1665; Tach: 2756.60; Total Time: 2756.60; Engine - Type: Continental IO-520BB21B, S/N: 813777-R, Time: 1926.40, SMOH: 52.80
Shop Order #: 19-2131
Drained oil and serviced with 11qts of Phillips 20W50 X/C oil and 16ozs of Camguard. Removed, inspected and replaced the oil filter. Checked magneto to engine timing. Cleaned, gapped, tested, rotated and reinstalled the sparkplugs. Performed compression checks, results as follows #1-75, #2-75, #3-75, #4-75, #5-75, #6-76. Ground run, leak checks and operational checks satisfactory. All work accomplished IAW Continental manual M-0.

Signed
David Blais A&P 40506897

All AD's checked using TDATA 2019-11. I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time.

Signed
Jeffrey Pieske A&P 2580657 IA

BROUGHT FORWARD
TOTALS

ENGINE LOG

DATE	R.P.M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER

Registration	N8091T	ALPINE AVIATION	Date	February 20, 2020
Make	TCM		Hobbs	NA
Model	IO-520-BB		Tach	2756.1
Serial No.	813777-R	13310 Nevada City Ave.	SMOH	52.3
Invoice No.	27455	Grass Valley, CA 95945	TT Engine	1925.9
CRS# XGKR718T		(530) 477-7701		

Description of Inspections, Tests, Repairs, and Alterations.

1 Inspected engine IAW Textron Aviation 100 hour/Annual Inspection checklist.
2 Serviced engine IAW Textron MM.
3 Performed cylinder compression test, Cyl #1-77/80, #2-78/80, #3-77/80, #4-79/80, #5-77/80, #6-79/80
4 Drained engine oil, collected oil sample for analysis.
5 Removed oil filter and inspected for contaminants, none found.
6 Installed new oil filter pn CH48109-1 and serviced engine with 10 quarts Phillips X/C 20W/50 engine oil.
7 C/W fuel injection system inspection and adjustment IAW TCM publication M-O, Change 2, Sept 2016

I certify that this engine has been inspected in accordance with an Annual Inspection and found to be in airworthy condition.

Signature

CRS# XGKR718T

BROU

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			

Registration	N8091T	ALPINE AVIATION	Date	May 27, 2020
Make	TCM		Hobbs	NA
Model	IO-520-BB		Tach	2831.4
Serial No.	813777-R	13310 Nevada City Ave.	SMOH	127.6
Invoice No.	27455	Grass Valley, CA 95945	TT Engine	2001.2
CRS# XGKR718T		(530) 477-7701		

Description of Inspections, Tests, Repairs, and Alterations.

1 Performed 50 hour inspection IAW Alpine Aviation 50 hour inspection checklist.
2 Drained oil, removed oil filter and sampled oil for analysis.
3 Inspected oil filter for contaminants, none found, and installed new oil filter pn CH 48109-1
4 Serviced engine with 10 quarts Phillips X/C 20W/50 engine oil.
5 Removed alternator for OH by Aircraft Electrical Components, & installed alternator after OH.

This aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with FAA regulation and is approved for return to service.

Signature CRS# XGKR718T

BROU

TOTALS

ENGINE LOG

Registration	N8091T	ALPINE AVIATION	Date	September 24, 2020
Make	Continental		Tach	2882.6
Model	IO-520-BB		SMOH	178.8
Serial No.	813777-R	13310 Nevada City Ave.	TT Engine	2052.4
Invoice No.	20-01042	Grass Valley, CA 95945		
CRS# XGKR718T		(530) 477-7701		

DATE

ICENSE UMBER

Description of Inspections, Tests, Repairs, and Alterations.

1 Performed an Annual Inspection IAW Beech Annual/ 100 hour Inspection check list Rev C11.
2 Serviced engine IAW Continental Publication M-0 Rev 1, Sep 2019.
3 Performed cylinder compression test, Cyl #1-74/80, #2-80/80, #3-80/80, #4-79/80, #5-80/80, #6-80/80
4 Drained engine oil, collected oil sample for analysis.
5 Removed oil filter and inspected for contaminants, none found.
6 Installed new oil filter p/n CH48109-1 and serviced engine with 10 quarts Phillips X/C 20W/50 engine oil.
7 C/W **SB 94-8D** Magneto to engine Timing. Adjusted L/H Mag to 22°. Next due 2982.6 tach.
8 C/W **SB 95-7A** Manifold Valve Cover Inspection. Next due 2932.6 tach.
9 C/W **CSB 08-3C** Throttle & Mixture Control Lever Inspection. Next due 2982.6 tach.
10 C/W **SB 09-14** Crankshaft Corrosion Inspection. Next due 2982.6 tach.
11 C/W **SB 15-5** Magneto Timing Drift. L/H Mag Advanced 1° since O/H. Next due 2982.6 tach.
12 Replaced R/H Magneto Gasket w/ new p/n 649954.

I certify that this engine has been inspected in accordance with an Annual Inspection and found to be in airworthy condition.

BROUGH

Signature CRS# XGKR718T

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			

Registration	N8091T	ALPINE AVIATION	Date	December 7, 2020
Make	TCM		Hobbs	NA
Model	IO-520-BB		Tach	2933.4
Serial No.	813777-R	13310 Nevada City Ave.	SMOH	229.6
Invoice No.	20-01125	Grass Valley, CA 95945	TT Engine	2103.2
CRS# XGKR718T		(530) 477-7701		

Description of Inspections, Tests, Repairs, and Alterations.

1 Performed 50 hour inspection IAW Alpine Aviation 50 hour inspection checklist.
2 Drained oil, removed oil filter and sampled oil for analysis.
3 Inspected oil filter for contaminants, none found, and installed new oil filter pn CH 48109-1
4 Serviced engine with 10 quarts Phillips X/C 20W/50 engine oil.

This aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with FAA regulation and is approved for return to service.

Signature CRS# XGKR718T

BROUGHT FORWARD											
TOTALS											

Registration	N8091T	ALPINE AVIATION	Date	April 13, 2021
Make	Continental		Tach	2985.0
Model	IO-520-BB		SMOH	281.2
Serial No.	813777-R	13310 Nevada City Ave.	TT Engine	2154.8
Invoice No.	20-01042	Grass Valley, CA 95945		
CRS# XGKR718T		(530) 477-7701		

Description of Inspections, Tests, Repairs, and Alterations.

1 Performed an Annual Inspection IAW Beech 100 hour Inspection check list Rev C11.
2 Serviced engine IAW Continental Publication M-0 Rev 1, Sep 2019.
3 Performed cylinder compression test, Cyl #1-70/80, #2-66/80, #3-64/80, #4-69/80, #5-72/80, #6-69/80
4 Drained engine oil, collected oil sample for analysis.
5 Removed oil filter and inspected for contaminants, none found.
6 Installed new oil filter p/n CH48109-1 and serviced engine with 10 quarts Phillips X/C 20W/50 engine oil.
7 C/W **SB 94-8D** Magneto to engine Timing. No change since last insp. Next due 3085.0 tach.
8 C/W **SB 95-7A** Manifold Valve Cover Inspection. Next due 3035.0 tach.
9 C/W **CSB 08-3C** Throttle & Mixture Control Lever Inspection. Installed new Stainless Steel levers. Next due 3085.0.6 tach.
10 C/W **SB 09-14** Crankshaft Corrosion Inspection. Next due 3085.0 tach.
11 C/W **SB 15-5** Magneto Timing Drift. L/H Mag no change since last insp. Next due 3085.0 tach.
12 Replaced R/H Magneto Gasket w/ new p/n 649954.

I certify that this engine has been inspected in accordance with an Annual Inspection and found to be in airworthy condition.

Signature CRS# XGKR718T

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			

Registration	N8091T	ALPINE AVIATION	Date	July 2, 2021
Make	TCM		Hobbs	NA
Model	IO-520-BB		Tach	3038.9
Serial No.	813777-R	13310 Nevada City Ave.	SMOH	335.1
Invoice No.	21-11693	Grass Valley, CA 95945	TT Engine	2208.7
CRS# XGKR718T		(530) 477-7701		

Description of Inspections, Tests, Repairs, and Alterations.

1. Performed 50 hour inspection IAW Alpine Aviation 50 hour inspection checklist.
2. Drained oil, removed oil filter and sampled oil for analysis.
3. Inspected oil filter for contaminants, none found, and installed new oil filter pn CH 48109-1
4. Serviced engine with 10 quarts Phillips X/C 20W/50 engine oil.
5. Installed new dipstick gasket. p/n 642892.
6. C/W TCM SB 95-7A Manifold valve cover inspection. Next due 3088.9

This aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with FAA regulation and is approved for return to service.

Signature [signature] CRS# XGKR718T

Registration	N8091T	ALPINE AVIATION	Date	September 1, 2021
Make	Continental		Tach	3088.4
Model	IO-520-BB		SMOH	384.6
Serial No.	813777-R	13310 Nevada City Ave.	TT Engine	2258.2
Invoice No.	21-11833	Grass Valley, CA 95945		
CRS# XGKR718T		(530) 477-7701		

Description of Inspections, Tests, Repairs, and Alterations.

1. Performed an Annual Inspection IAW Beech 100 hour Inspection check list Rev C11.
2. Serviced engine IAW Continental Publication M-0 Rev 1, Change 1, Feb 2021.
3. Performed cylinder compression test, Cyl #1-65/80, #2-62/80, #3-62/80, #4-66/80, #5-64/80, #6-67/80
4. Drained engine oil, collected oil sample for analysis.
5. Removed oil filter and inspected for contaminants, none found.
6. Installed new oil filter p/n CH48109-1 and serviced engine with 10 quarts Phillips X/C 20W-50 engine oil.
7. C/W **SB 94-8D** Magneto to engine Timing. No change since last insp. Next due 3188.4 tach.
8. C/W **SB 95-7A** Manifold Valve Cover Inspection. Next due 3138.4 tach.
9. C/W **CSB 07-01A** Connecting Rod Piston Pin Bushing Insp. Next due 3138.4 tach.
10. C/W **CSB 08-3C** Throttle & Mixture Control Lever Inspection. Next due 3188.4 tach.
11. C/W **SB 09-14** Crankshaft Corrosion Inspection. Next due 3188.4 tach.
12. C/W **SB 15-5** Magneto Timing Drift. No change since last insp. Next due 3188.4 tach.
13. Cleaned Fuel Injection Nozzles. Next due 3388.4.

I certify that this engine has been inspected in accordance with an Annual Inspection and found to be in airworthy condition.

Signature [signature] CRS# XGKR718T

MEMORANDA

DATE	AD NO.	SUBJECT	COMPLIANCE	SIGNATURE
11/20/98	98-01-08	Rocker Arms	N/A STC NOT Installed	FOR CRS#BFYR429C
11/20/98	98-17-11	CRANKSHAFT	N/A Factory overhaul	FOR CRS#BFYR429C
11/22/99	CSB98-1B	Valve tips	Inspected - OK 1100.2 Tach 270 SFRM	CRS#BFYR
11/22/99	99-15-01	Crankshaft	N/A Date of crankshaft	CRS#BFYR429C
	00-08-51	Crankshaft	Superseded by 00-23-21	CRS#BFYR429C
	00-23-21	Crankshaft	N/A By date of overhaul	CRS#BFYR429C
	04-08-10	Cyls	N/A ECI cyls Not installed	A&P1670404
	07-04-19R1	Superior Cyls	N/A Not installed	A&P1670404
	09-16-03	Superior Cyls	N/A Not installed	A&P1670404
	09-19-07	EQ3 Cyls	N/A By eng. S/N# & installed Cyls	A&P1670404
	09-24-52	Lifters	N/A By Engo Date of OVH	A&P1670404
	10-11-04	Lifters	N/A By Eng Date	A&P1670404