20384

TELEDYNE CONTINENTAL

Gold Medallion Aircraft Engine

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

ENGINE LOG

Continental **Tach: 3666.62** **TSMOH: 1754.62** **04/02/2021**

Model# IO-520-BB14B **S/N: 285971-R**

Performed Annual Inspection. Drained engine oil. Removed, cut-open and inspected oil filter; no defects noted. Installed 10qts. Phillips XC20W50. Installed new Tempest AA48109 oil filter. Cleaned, inspected and re-installed fuel finger screen. Inspected ignition harness. Checked engine cylinder compression 1)68/80, 2)70/80, 3)61/80, 4)67/80, 5)74/80, 6)63/80. Performed engine run-up and leak check. All satisfactory. Above work performed IAW Beech Model 36 maint. & parts manuals, Cont. IO520 series maint. & parts manuals & manual M-0 and AC43.13-1B. AD's current as of the above date.

I certify this ENGINE has been inspected in accordance with an ANNUAL inspection and is determined to be in an AIRWORTHY condition.

[redacted]

END REPORT

'AIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER

BROUGHT FORWARD									
TOTALS									

Continental **Tach: 3666.62** **04/02/2021**

Model# IO-520-BB14B **S/N: 285971-R**

Removed and replaced all firewall forward flammable fluid hose assy's using new Aeroquip 303 hose; all assy's fire-sleeved. Removed and replaced magnetos following O/H and set magneto to engine timing (see FAA form 8130-3 Aero W/O 51967/68 31MAR21). Removed and replaced spark plugs with 12 new Tempest URHB32E. Reset prop governor speed to 2700 RPM. Adjusted full power fuel flow. Performed engine run-up and leak check. All satisfactory. Above work performed IAW Beech Model 36 maint. & parts manuals, Cont. IO520 series maint. & parts manuals & manual M-0 and AC43.13-1B.

----------END REPORT----------

[redacted]

REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER

Cardinal Aviation Murray, KY 42071

December 20, 2018 Tach: 3600 Total Time: 1688 SMOH: 1688
Completed 100 Hr Inspection in accordance with inspection guide for Beechcraft A36and FAA FAR Part 43 Appendix D. Completed Airworthiness Directive check and compliance through 12-2018. Compression: #1- 62/80, #2- 61/80, #3- 63/80, #4- 62/80, #5-71/80, #6- 52/80. Engine was run and checked for leaks none found, all operations normal. I certify this engine has been inspected in accordance with an 100 Hr inspection and was determined to be in airworthy c

[redacted]

Cardinal Aviation Murray, KY 42071

January 10, 2020 Tach: 3609 Total Time: 3609 SMOH: 1697
Completed 100 Hr Inspection in accordance with inspection guide for Beechcraft A36 and FAA FAR Part 43 Appendix D. Completed Airworthiness Directive check and compliance through 1-2020. Compression: #1- 60/80, #2- 68/80, #3- 66/80, #4- 62/80, #5-68/80, #6- 68/80. Drained oil, serviced with 11 Qts Aeroshell W15W50. Removed oil filter for insp, (no metal), installed AA48109 filter. Replaced air filter BA-7112. Washed engine. Removed sparkplugs, cleaned, rotated and re-installed. Replaced instrument pressure filter RA-D-9-14-5. Engine was run and checked for leaks none found, all operations normal. I certify this engine has been inspected in accordance with an 100 Hr inspection and was determined to be in airworthy condition.
David

[redacted]

SE
ER

BROUGHT FORWARD													
TOTALS													

Cardinal Aviation Murray, KY 42071

October 18, 2016 Tach: 3567 Total Time: 1655 SMOH: 1606

Completed 100 Hr Inspection in accordance with inspection guide for Beechcraft A36and FAA FAR Part 43 Appendix D. Completed Airworthiness Directive check and compliance through 10-2016. AD 2016-16-12 D.N.A Compression: #1- 60/80, #2-60 /80, #3- 62/80, #4- 60/80, #5-70/80, #6- 50/80. Drained/serviced 11 Qts Aeroshell 15W50. Removed and inspected oil filter for metal (none found). Installed AA48109 filter. Replaced Vacuum/Pressure filter (CV1J4). Washed engine and engine compartment. Engine was run and checked for leaks none found, all operations normal. I certify this engine has been inspected in accordance with an 100 Hr inspection and was determined to be in airworthy conditi[redacted]

BROUGHT FORWARD									
TOTALS									

Cardinal Aviation Murray, KY 42071

November 29, 2017 Tach: 3597 Total Time: 1685 SMOH: 1685
Completed 100 Hr Inspection in accordance with inspection guide for Beechcraft A36and FAA FAR Part 43 Appendix D. Completed Airworthiness Directive check and compliance through 11-2017. Compression: #1- 62/80, #2- 61/80, #3- 63/80, #4- 62/80, #5-71/80, #6- 52/80. Drained/serviced 11 Qts Aeroshell 15W50. Removed and inspected oil filter for metal (none found). Installed AA48109 filter. Replaced induction air filter BA7112. Re-torqued oil pan mount bolts. Washed engine and engine compartment. Engine was run and checked for leaks none found, all operations normal. I certify this engine has been inspected in accordance with an 100 Hr inspection and was determined to be in airworthy condi[redacted]
David B Herring A&P 3075651

SIGNATURE	LICENSE NUMBER

ENGINE LOG

Cardinal Aviation Murray, KY 42071

July 18, 2014 Tach: 3514 Total Time: 1602 SMOH: 1553

Completed 100 Hr Inspection in accordance with inspection guide for Beechcraft A36and FAA FAR Part 43 Appendix D. Completed Airworthiness Directive check and compliance through 7-2014. Compression: #1- 52/80, #2-62 /80, #3- 60/80, #4- 60/80, #5- 62/80, #6- 54/80. Drained/serviced 11 Qts Aeroshell 15W50. Removed and inspected oil filter for metal. Installed 48109 filter. Removed oil cooler for repair to mount flange, re-installed same cooler. Adj LH mag internal timing. Replaced air filter element. Repaired baffle aft of #2 cyl. Replaced vacuum/press pump filter RAD9-14-5. Washed engine and engine compartment. Engine was run and checked for leaks none found, all operations normal. I certify this engine has been inspected in accordance with an 100 Hr inspection and was determined to be in airworthy condition.

----------END----------

[redacted]

Cardinal Aviation Murray, KY 42071

September18, 2015 Tach: 3535 Total Time: 1623 SMOH: 1574

Completed 100 Hr Inspection in accordance with inspection guide for Beechcraft A36and FAA FAR Part 43 Appendix D. Completed Airworthiness Directive check and compliance through 9-2015. Compression: #1- 68/80, #2-58 /80, #3- 50/80, #4- 52/80, #5-602/80, #6- 54/80. Drained/serviced 11 Qts Aeroshell 15W50. Removed and inspected oil filter for metal. Installed 48109 filter. Replaced air induction filter BA-7112. Replaced LH muffler with NEW FAA-PMA A701-4 from Aerospace Welding . Washed engine and engine compartment. Engine was run and checked for leaks none found, all operations normal. I certify this engine has been inspected in accordance with an 100 Hr inspection and was determined to be in airworthy condition. ----------END----------

David [redacted]

SE
ER

BROUGHT FORWARD								
TOTALS								

ENGINE LOG

DATE	AIRFRAME TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		Cardinal Aviation Murray, KY 42071 May 5, 2012 Tach: 3386 Total Time: 1474 SMOH: 1474 Completed 100 Hr Inspection in accordance with inspection guide for Beechcraft A36. Completed Airworthiness Directive check and compliance through 5-5-2012. Complied with AD: AD 2012-03-06 C AVStar fuel injector insp D.N.A due to item not installed. Compression: #1- 62/80, #2- 48/80, #3- 64/80, #4- 66/80, #5- 66/80, #6- 64/80. Re-installed #2 cyl fuel injector. Repaired cracked eng baffles. Replaced airffilter. Washed engine and engine compartment. Engine was run and checked for leaks none found, all operatio normal. I certify this engine has been inspected in accordance with an 100 H inspection and was determined to be in airworthy condition. [redacted] unksafe Front seal. Leak at gel. Work completed at time of 100 hr insp. Engine is airworthy condition David [redacted]		
		Cardinal Aviation Murray, KY 42071 June 26, 2013 Tach: 3765 Total Time: 1553 SMOH: 1553 Completed 100 Hr Inspection in accordance with inspection guide for Beechcraft A36. Completed Airworthiness Directive check and compliance through 6-2013. Compression: #1- 63/80, #2- /80, #3- 60/80, #4- 60/80, #5- 62/80, #6- 56/80. Drained/serviced 11 Qts Aeroshell 15W50. Removed and inspected oil filter for metal. Installed 48109 filter. Removed #2 cyl due to low compression, honed and installed New rings. Adj LH and RH mag internal timing after cleaning points and distribitor rotor and cap. Replaced RH muffler. Replaced air filter element. Installed 12 Champion RHB32E spark-plugs. Replaced fuel mixture cable bolt and repositioned bushing. Washed engine and engine compartment. Engine was run and checked for leaks none found, all operations normal. I certify this engine has been inspected in accordance with an 100 Hr inspection and was determined to be in airworthy condition. David [redacted]		
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
4-7-11	TACH 3994.6					ETT 1362.8			TSMOH 1362.8				
											COMPRESSION RESULTS; #1 78/80, #2 50/80, #3 68/80, #4 66/80, #5 78/80, #6 66/80		
											CHANGED OIL + INSTALLED NEW TEMPEST AA 48109 FILTER AND 11 QUARTS AEROSHELL 15W50 OIL. CLEANED ALL SPARK PLUGS.		
											REPLACED AIR FILTER WITH NEW BRACKETT P/N BA 712 FILTER.		
											ANNUAL INSPECTION WAS ACCOMPLISHED USING BEECH A36		
											SERVICE MANUAL + MY INSPECTION GUIDE. ALL ADS CHECKED		
											THRU UPDATE 9011-6. FOR DETAILS, SEE W/O# 9011-10 FROM		
											LOST HILL AVIATION INC.		
											[redacted]		
											I certify that this Aircraft (Engine) / Propeller has been inspected in accordance with 50hr/ 100hr/ annual inspection as required by Far 43 and found to be in an airworthy condition. Tachometer 3994.6 W/O# 9011-10A Total Time 1362.8 Date 4-7-11 Signature [redacted] License		
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
3-25-10		TACH	3160.6				E.T.		1248.6		ETSMOH 1248.6		
			COMPRESSION RESULTS. #1 78/80 #2 80/80 #3 78/80 #4 78/80 #5 78/80 #6 78/80										
			CHANGED OIL & INSTALLED NEW TEMPEST AAN8109 OIL FILTER										
			AND 11 QUARTS AEROSHELL 15W50 OIL. CLEANED ALL SPARK										
			PLUGS. REPLACED AIR FILTER WITH NEW BRACKETT PN BA-										
			7112. ANNUAL INSPECTION WAS ACCOMPLISHED USING										
			BEECH A36 INSPECTION GUIDE & SERVICE MANUAL. ALL ADS										
			CHECKED THRU UPDATE 2010-06. FOR DETAILS, SEE W/O #										
			2010-22 FROM JAMES AIRFRAME REPAIR.										
											[redacted]		
			I certify that this ~~Aircraft~~ Engine ~~Propeller~~ has been inspected in accordance with 50hr/100hr/annual inspection as required by FAR 43 and found to be in an airworthy condition.										
			Tachometer reading 3160.6 W/O # 2010-22										
			Total Time 1248.6 Date 3-25-10										
			Signature [redacted]										
BROUGHT FORWARD													
TOTALS											License # [redacted]		

EPD

(CONT.)

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.			
			2009-04	FOR DETAILS OF ALL WORK PERFORMED, SEE W/O #									
			2009-6	FROM JAMES AIRFRAME REPAIR.									
											[redacted]		
											I certify that this engine has been inspected in accordance with [illegible] and found as required by FAR [illegible] in airworthy condition.		
											Tachometer Reading 3010.8	W/O # 2009-6	
											Total Time 1098.8	DATE 3-18-09	
											Signature [redacted]		
											License #		
									END				
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
6-26-08		TACH 2970.9				ETT ~~2970.9~~ 0976.2					TSMOH 0976.2		
			CHANGED, TOOK OIL SAMPLE, REMOVED & INSPECTED OIL										
			FILTER - NO METAL FOUND. INSTALLED NEW CHAMPION										
			CH 48109-1 OIL FILTER + 12 QUARTS AEROSHELL 15W50 OIL.										
			FOR DETAILS OF ALL WORK PERFORMED, SEE W&B 2009-41										
			FROM JAMES AIRFRAME REPAIR. [redacted]										
											END		
3-18-09		TACH 3010.8				ETT 1098.8					TSMOH 1098.8		
			ENGINE COMPRESSIONS: #1 78/80 #2 76/80 #3 80/80 #4 78/80 #5 78/80 #6 78/80										
			CHANGED OIL + TOOK OIL SAMPLE. INSTALLED NEW CHAMPION										
			CH 48109 FILTER + 11 QUARTS AEROSHELL 15W50 OIL. CLEANED										
			ALL SPARK PLUGS. REPLACED BRACKETT ENG. AIR FILTER WITH										
			NEW P/N BA-7112 BRACKETT FILTER. REPLACED CRANKSHAFT SEAL										
			WITH NEW SUPERIOR SEAL P/N SAE 1250. OWNER ASSISTED										
			ANNUAL WAS ACCOMPLISHED USING BEECH A36 INSPECTION										
			GUIDE + SERVICE MANUAL. ALL ADS CHECKED THRU UPDATE										
BROUGHT FORWARD													
TOTALS													

(CONT.)

ENGINE LOG

N 2038Y
Date: 01-04-08 Tach Time: 2877.4 TT: 2877.4
TSMOH: 932.7
I certify that this **Engine** has been inspected I.A.W. an Annual Inspection, AD conformity checked through AD 07-04-19R1 and was determined to be in an Airworthy condition at this date and time.

[redacted]

n.	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER

ENGINE LOG

| | | |

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.			
											N 2038Y Date: 12-14-2006 Tach Time: 2844.7 TT: 2844.7 TSMOH: 932.7 I certify that this Engine has been inspected I.A.W. an Annual Inspection, AD conformity checked through AD 04-08-10 and was determined to be in an Airworthy condition at this date and time. [redacted]		
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.			
											12-14-06 N2038Y Tach=2844.7 TT=2844.7 SMOH= 932.7 Engine log entry Perform 100 hour inspection per maintenance manual All A.D.s have been complied with through 04-08-10 Compression as follows #1=70/80 #2=75/80 #3=70/80 #4=72/80 #5=70/80 #6= 70/80 Change oil and filter with 12 Qts [redacted] 15/50 and Champion CH48109 filter install[redacted] I have found this engine to be in a[redacted]		
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.			
BROUGHT FORWARD													
TOTALS													

Date: 11/05/05
Tach: 2773.95 Hours
TSMO: 861.95

ENGINE LOG

Mitchell Air
[redacted]
Van Nuys. Ca. 91406

Reg. No.: N2038Y
Model: IO 520-BB
Serial No.: 285971-R

1. I Certify that this Engine has been inspected in accordance with an **Annual** Inspection and has been found to be in an airworthy condition and is approved for return to service.
2. Accomplished oil and oil filter change P/N CH 48109-1, serviced with Aeroshell 15w50 oil.
3. Accomplished compression check, #1 62/80, #2 68/80, #3 72/80, #4 70/80, #5 64/80, #6 74/80.

[redacted]

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.			
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE

Raytheon Aircraft Services

[redacted]
VAN NUYS, CALIFORNIA 91406

ENGINE LOGBOOK INSERT
SINGLE ENGINE

MODEL	A36
S/N	E-1376
REG. NO.	N2038Y
ENG MOD	IO-520-BB
ENG TSN	2667.2
ENG TSO	755.2

DATE	21-Oct-04
W.O. #	28832
HOBBS	2667.2
ENG S/N	285971-R
ENG CSN	N/A
ENG CSO	N/A

1 I certify that this engine has been inspected in accordance with an **Annual inspection** and was determined to be in an airworthy condition.

2 **AD 2004-08-10** was found to be N/A. No ECI cylinders installed on this engine.

---------- END ----------

I certify this aircraft/engine/propeller has been inspected IAW current Federal Aviation Regulations part 43 appendix "D" (annual or 100 hour) inspection. Only the items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

[redacted]

Inspector
Title

CNZ2924C
CRS #

N/A
JAA #

21-Oct-04
Date

RE | LICENSE NUMBER

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.			
	00 -	23 -	[redacted]										
10-7-03 Tach 2559.4 T.T 2559.4 C647.4 SMOH			CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH Annual INSPECTION AND DETERMINED TO BE AIRWORTH								[redacted]		
BROUGHT FORWARD													
TOTALS													

WESTERN CYLINDER OVERHAUL, INC.
[redacted] PACOIMA, CA 91331

FAA APPROVED REPAIR STATION #VA3R912L

WORK ORDER # 54727 CUSTOMER Burbank AirService

MANUFACTURER BEND MODEL 6GRN-1225

PART NAME/# Magneto 500hrs Inspection tested. P/N-10-349350-5 S/N-D259521ER

The component hereon identified was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of this repair are on file at this agency.

Date 10-04-03 Signed [redacted]

L.S.I. AD2004-24-04

X.005
X.004

DATE	Gr		NTS	SIGNATURE	LICENSE NUMBER
10-6-03	T				
6R47			09		
			HR	SUC	
			ONC		
			#2	58/80	

COMPRESSION AS FOLLOWS IN LOW

#3 62/80 #4 50/80 #5 66/80 #6 62/80

CLEAN TOP SPARK PLUGS AND REPLACE BOTTOM PLUGS WITH 6 RHB32E RECONDITIONED PLUGS

ALL A.D.S HAVE BEEN COMPLIED WITH THROUGH

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
10-6-03	TACH = 2559.4												
6H7.4 SMOH											CHANGED OIL + FILTER W/ 20 QTS AEROSHELL 15-50 AND CHAMPION CH48109		
											REMOVED BOTH MAGNETOS FOR 500 HR AND REINSTALLED TIMED TO ENGINE	SVC	
											COMPRESSION AS FOLLOWES #1 55/80 #2 53/80 #3 62/80 #4 50/80 #5 66/80 #6 62/80		
											CLEAN TOP SPARK PLUGS AND REPLACE BOTTOM PLUGS WITH 6 RIBSER RECONDITIONED PLUGS		
BROUGHT FORWARD													
TOTALS											ALL A.D.S HAVE BEEN COMPLIED WITH THROUGH		

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
10-16-02	TACH	=	2372.4			CHANGED					OIL + FILTER W/ CHAMPION		
CH48109	FILTER	AND	12	QTS	OF	AEROSHELL	100	CLEANED					
OIL	SUCTION	SCREEN	AND	REPLACED	CRUSH	GASKET	ON	OIL PAN	AND	SUCTION			
SCREEN		INSTALLED	12	RECONDITIONED		CLEANED	RHB32E	CHAMPION					
SPARK	PLUGS	CHECKED	MAG	TIMING	SET	TO	SPEC						
COMPRESSION	AS	FOLLOWS		#1	68/80	#2	65/80	#3	66/80	#4	68/80	#5	70/80	#6	68/80
REMOVED	6	INJECTORS	AND	HAVE	THEM	CLEANED	BY	WESTERN	CALIBRATOR				
[redacted]													
											CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH Annual INSPECTION AND DETERMINED TO BE AIRWORTHY		
BROUGHT FORWARD											[redacted]		
TOTALS													

ENGINE LOG

DATE										URE	LICENSE NUMBER

MODEL: Raytheon A36
S/N: E-1376
REG. NO.: N2038Y
ENG. MOD.: TCM IO-520-BB
ENG. S/N: 285971-R

Raytheon Aircraft Services
[redacted]
VAN NUYS, CALIFORNIA 91406
F.A.A. APPROVED REPAIR STATION NO. CNZ292AC
ENGINE LOGBOOK INSERT

DATE: 26MAR2002
W.O.#: 24005
HOBBS.: 2261.09 Eng T.T.
TACH: 2261.09
ENG. CYC.: N/A

POSITION: SINGLE

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND I[redacted]REGULATIONS
AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK ACCOMPL[redacted]T THIS AGENCY.

DATE: 26MAR2002 SIGNED: ***BERNARD***[redacted]

1. I certify that this engine has been inspected in accordance with an ANNUAL inspection per Raytheon Bonanza inspection guide # 98-32227H and was determined to be in an unairworthy condition and a list of discrepancies and unairworthy items dated 26MAR2002 has been provided for the aircraft owner or operator.

----------END----------

4-10-0

Tach 2261.09 Removed and replaced spinner backplate ran Engine. returned Aircraft To Service

[redacted]

BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE												LICENSE NUMBER

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.			
10-4-99													
Tach 2220.9											Drain oil and serviced engine with 10 QTS		
308.9 SMOH											Aeroshell 15W50 oil, changed oil & air filters		
											removed fuel manifold valve, overhauled and		
											installed, leak checked engine, performed		
											compression as follows #1 60/80 #2 70/80 #3 60/80		
											#4 60/80 #5 72/80 #6 60/80,		
											I CERTIFY THAT THIS Engine HAS		
											BEEN INSPECTED IN ACCORDANCE		
											WITH 100 hr. INSPECTION AND DET		
											ERMINED TO BE AIRWORTH'		
											[redacted]		
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.			
4-1-98				INSPECT	ENGINE	PER	100	hr.	INSPECTION	CHECKLIST,	CHANGED		
Tach 2088.0				OIL	AND	FILTERS	WITH	12	QTS	AEROSHELL	100	AND	CH 48108
186.0 SMOH				FILTER.	CLEAN,	GAP	AND	ROTATE	SPARK	PLUGS.	INSPECT	ENGINE	
				CONTROLS,		PERFORMED		CYLINDER	COMPRESSION				
				#1	72/80	#2	65/80	#3	71/80	#4	72/80	#5 72/80	#6 72/80
				LEAK	CK	ENGINE	AND	RETURNED	TO	SERVICE			
BROUGHT FORWARD													
TOTALS													

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY

[redacted]

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
8-10-97											Drain oil and Serviced engine with		
Tach 2069.0											12 qts Aeroshell 100, changed oil and		
1571.0 SMOH/ FAC. "O"											Air filters, performed compression as follows		
											#1 72/80 #2 64/80 #3 70/80 #4 72/80 #5 72/80		
											#6 70/80. clean, gap and Test spark plugs.		
											leak check engine, returned To Svc.		
											I, CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY	[redacted]	
BROUGHT FORWARD													
TOTALS													

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.			
16 OCT 96 TACT 2021													
CHANGE OIL & FILTER WITH AERO 100W-30 (LYCE CONTROLS. GRND RUN & RETURN TO SERVICE											[redacted]		
29 NOV 96 TACT 2025													
R&R ALTERNATOR FOR REPAIR BY AERO ACCESSORIES. GRND RUN & FUNCTIONAL TEST & RETURN TO SERVICE											[redacted]		
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.			
12 July 96			TACH 1971										
CHANGE OIL & FILTER WITH AERO 10W-30; ROTATE PLUGS: COMP CHECK #1-72 #2-74 #3-75 #4-74 #5-76 #6-76, REPLACE OIL FILTER TUBE AND SEAL; CARB CONTROLS, TIGHTEN ROCKER CUP SCREWS; CORKS RUN & RETURN TO SERVICE													
											Date 7-12-96 T.T. ____ Tach 1971 Smoh 59		
											I certify this ENGINE has been inspected in accordance with the manufactures ANNUAL inspection criteria and have found it to be in airworthy condition. Applicable Airworthiness Directives thru 96-13 have been complied with.		
											AEROTECH SERVICES [redacted] BURBANK, CA 91505 [redacted]		
											[redacted]		
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.			
16 JUNE	95		TACH 1912								INSTALL THIS FAN IN AC D2038Y WITH NEW FLEX HOSES, ENG MOUNTS, BAFFLE SEAL, VAC PUMP; OVERHAUL PROP GOV, SERVICE WITH AERO SHELL 100-50 BREAK-IN OIL, ROUTE, RIG, & ADJUST CONTROLS; ADJUST IDLE, ADJUST PROP GOV; RE CORK RUN, TEST FLY & RETURN TO SERVICE		
											Date 6-16-95 T.T. ____ Tach 1912 Smoh ____ I certify this ENGINE has been inspected in accordance with the manufactures ANNUAL inspection criteria and have found it to be in airworthy condition. Applicable Airworthiness Directives thru 95-12 have been complied with. [redacted]		
											AEROTECH SERVICES [redacted] BURBANK, CA 91505 [redacted]		
1 DEC 95			TACH 1942								CHANGE OIL & FILTER WITH AERO 100W-50 CUT FILTER FOR INSPECTION, CORK RUN & RETURN TO SERVICE	[redacted]	
BROUGHT FORWARD													
TOTALS													

ENGINE DESCRIPTION

TYPE _____ MODEL _____ SERIAL NO. _____

RATED H.P. _____ MAXIMUM H.P. _____

RATED R.P.M. _____ MAXIMUM R.P.M. _____ OIL PRESSURE _____

BORE _____ STROKE _____ DISPLACEMENT _____ CU. IN. _____

COMPRESSION RATIO _____ GEAR RATIO _____

PROPELLER _____ HUB DESIGN _____ HUB SERIAL NO. _____

BLADE DESIGN _____ BLADE SERIAL NO. _____ BLADE SERIAL NO. _____

MAXIMUM HUB H.P. _____ MAXIMUM BLADE H.P. _____

PITCH _____ DIAMETER _____ LENGTH _____

OWNERS NAME _____

ADDRESS _____ CITY _____ STATE _____

This engine model __IO520BB14B__, Serial No. 285971-R, was rebuilt/zero timed on 05/09/95 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.

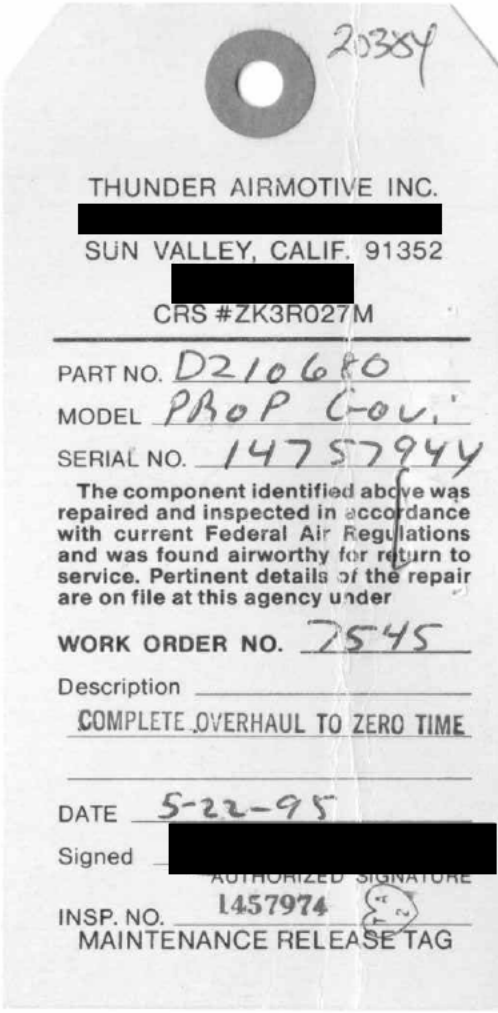
SB	AD	REMARKS
M79-2	79-05-09	REPLACED WITH NEW PART
M80-26	81-24-06	TORQUE CHECK
M86-7	86-13-04	REPLACED WITH NEW PART
M87-5	87-23-08	ULTRASONIC INSPECTION OF C/SHAFT
M87-13	87-14-02	REPLACED WITH NEW PART
M87-24	88-17-03	REPLACED WITH NEW PART
M88-4	88-03-06	REPLACED WITH NEW PART
M90-21	N/A	ULTRASONIC 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
MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE
CSB94-1	94-06-09	REPLACED CAPACITOR AS APPLICABLE
CSB94-15	N/A	N/A SERIAL NUMBER

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

[redacted]

S



20384

THUNDER AIRMOTIVE INC.
[redacted]
SUN VALLEY, CALIF. 91352
[redacted]
CRS #ZK3R027M

PART NO. D210680
MODEL PROP GOV.
SERIAL NO. 1475794

The 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 are on file at this agency under

WORK ORDER NO. 7545

Description
COMPLETE OVERHAUL TO ZERO TIME

DATE 5-22-95

Signed [redacted]
AUTHORIZED SIGNATURE

INSP. NO. 1457974

MAINTENANCE RELEASE TAG

MAINTENANCE RELEASE TAG

20384 TACH 2025

PART ALTERNATOR

PART NO. ALT9422 DATE 11/27/96

SER. NO. 503375 MFG. PRESTOLITE

The component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under

Work Order No. 16962

☐ Overhauled
☒ Repaired
☐ 500 Hour Insp.
☐ Tested Only

AERO ACCESSORIES

AIRCRAFT ACCESSORY OVERHAUL
FAA REPAIR STATION XR2R286J

[redacted]

2038Y

AIRMOTIVE CARBURETOR COMPANY

[redacted] **Burbank, California**

F.A.A. Approved Repair Station #FK3R504L

DATE 10-13-99

OWNER Burbank Air Service

PUR. ORDER NO. Verbal

NAME OF COMPONENT Manifold Valve

MODEL 631427-2A21

SERIAL D209505C

The Aircraft and/or Component identified above was repaired and inspected in accordance with current Federal Aviation Agency Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under work:

Order No. 3834 **Dated** 10-13-99

Authorized Signature [redacted]

QUALITY CONTROL INSPECTION

DATE 10-12-99

TE[redacted]

PUR. ORDER NO. Verbal

INSPECTED BY ACC 2

NATURE OF REPAIRS

Overhauled & Tested

[redacted]

L.H. 10-14-

OHLYNN-818-848-5121

L.S.R
N7203BY

X.006
X.004

WESTERN CYLINDER OVERHAUL, INC.
[redacted] PACOIMA, CA 91331

FAA APPROVED REPAIR STATION #VA3R912L

WORK ORDER # 54728 CUSTOMER Burbank Air Service

MANUFACTURER BEND MODEL SGRN - 1225

PART NAME/# Magneto 500hrs inspection and tested P/N 10-349350-4 S/N D289509FR

The component hereon identified was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of this repair are on file at this agency.

Date _____ Signed [redacted]

L, S, R
N3037Y

X.005
X.004

WESTERN CYLINDER OVERHAUL, INC.
[redacted] PACOIMA, CA 91331

FAA APPROVED REPAIR STATION #VA3R912L

WORK ORDER # 54727 CUSTOMER Burbank Air Service

MANUFACTURER BEND MODEL 6GRN-1225

PART NAME/# Magneto 500 hrs P/N - 10-349350-5
Inspection tested. S/N - D25952IFR

The component hereon identified was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of this repair are on file at this agency.

Date 10-04-03 Signed [redacted]