

HRS.	MIN.	NUMBER
I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION.		
DATE 9-1-96 TOTAL TIME 1272.54		
SIGNED <u>Jerry B. Parker</u> JERRY B. PARKER A&P 4565486821A		
3-21-97 TT 1321.- Installed RAPCO 211CC S/N 67312 VACUUM PUMP. <u>Jerry B. Parker</u> A&P 456548682		
7-12-97 TT 1323.43 THIS DATE OVERHAULED ENGINE IN ACCORDANCE WITH LYCOMING OVERHAUL MANUAL P/N 60294-7. SENT CRANKCASE TO E.C.I. FOR O.H. W.O. 5948203. SENT FOUR CYL. TO GIBSON AVIATION W.O. # 8443-1/2/3/4. REPLACE CRANKSHAFT WITH SERVICABLE UNIT FROM AIRCRAFT		
PAGE TOTAL		

HRS.	MIN.	NUMBER
SPECIALTIES C.S. S/N 57815-1 W.O. # 7815. MAINS & RODS STD. DIM. ALL STEEL PART SENT TO ROCK AVIATION FOR INSPECTION W.O. # 3349-3 & 3094. LW S.B. 475 ON CRANKSHAFT GEAR. W.O. 3094 ROCK AVIATION. REBUSHED ROCKER ARMS P/N 76266 W.O. 3338 ROCK AVIATION. REPLACED TWO EACH RODS M/PN LW 13422 GIBSON AVIATION W.O. # 52879. AIRCRAFT SPECIALTIES SENT 4 RODS W.O. # 59045 ROCK AVIATION REMOVED 8 ea. TAPPETS W.O. # 3349-2. ROCK AVIATION REPAIRED CAM W.O. # 3349-1. USED 4 ea. SERV. INTAKE VALVES P/N LW 13262 + 4 EX VALVES P/N LW 11082. SEE GIBSON AVIATION W.O. # 52733 FOR DETAILS OF CYL. REPAIR. USED THE FOLLOWING PARTS NEW, 2 ea. SL13885, BEARINGS, 8 ea. SL13212 BEARINGS, 1 ea. ANB-14A BOLT, 1 ea. SL10832 LOCK PLATE, 1 ea. SL1028-B BALL-CHROME ALLOY, 1 ea. SL76121 TAPPET SHAFT, 2 ea. 25C-12 STD, 4 ea. SL13444-1 PISTON PINS, 4 ea. SL10545 PISTONS, 8 ea. SL72626A SHAFTS,		
PAGE TOTAL		

SR-1
Form # 100-1

CONSOLIDATED FUEL SYSTEMS
Repair Station F005511

Section: 0 VII
Page No.: 0 37
Title: 0 F005511
Issue Date: 21 February 1995

Item #/Number	Complied with	Method of Compliance	Signature of Tech	Next Due
MS SR AL-49	6-4-97	Inspect and Reseal Ring		
MS SR AL-78	6-4-97	Precautionary Instruction Only		
MS SR AL-78 MSR-6	6-4-97	Installed P/N 95-4239 Ring		
MS SR AL-78	6-4-97	New Seals Installed		
MS SR AL-78		10-5226-1 Eccentric Channel - Installed P/N 95-154 Ring		
MS SR AL-78 MS SR AL-78A		10-5245 Possible Carburetor Contamination - Inspect Per Serial Number		
MS SR AL-41	6-4-97	Float Shaft & Bracket Wear Inspected per SR		
MSR-1	6-4-97	Compass Float Replaced		
Notes:				
68-12-10	6-4-97	Inspected & Resealed Ring		
72-16-15	6-4-97	New Style Throttle Shaft & Lever Installed		
77-11-16		Installed P/N 10-5226 Lockplate		
78-10-16		Per MS SR AL-78 and AL-78A		
94-15-14	6-4-97	Per MS SR AL-78 and MSR-6		

Part Number: 10-5221
Model Number: 68-4
Serial Number: 27 0 136
Work Order Number: 107104

Mechanic's Signature: *[Signature]*

Approved By: *[Signature]*
William H. Maynard
VEP/SM

INS.	SIGNATURE	LICENSE NUMBER
8 ea. SL12186 NUTS, 8 ea. SL12596 BOLTS, 4 ea. SL12101 SC RING SET. ASSEMBLED ENG. USING ALL NEW CASKETS & SEALS. INSTALLED 8 NEW RHB328 SPARK PLUGS. INSTALLED NEW SLICK MAGNETO HARNESS. ROCKER ARM RAPHIR BY ROCK AVIATION WO # 3338, 4 ea. LW13683 BEHNKE CO. INSTALLED NEW OIL PUMP GEARS KIT P/N USK194235. C/W AD 96-09-10. INSTALLED O.H. CARB. HA-6 C/N CV 0159, SEE WO # 697004 FOR PRECISION AIRMOTIVE. FOLLOWING ADS C/W ON CARB. BY PRECISION AIRMOTIVE AD 69-24-03. INSPECTED & RESEALING PLUG. AD 72-06-05 NEW THROTTLE SHAFT & LEVER INSTALLED. AD 94-25-09 PER MSSD AL-70 & MSA-6. SEE PRECISION AIRMOTIVE S/B & LIST ATTACHED TO OPPOSITE PAGE. FILLED ENGINE SUMP WITH 8 QTS. QEROSHILL 100 MINERAL OIL & INSTALLED CH48103 FILTER. INSTALLED NEW CABLE P/N LW14714 CARB. TO TURBO WASTE GATE.		
PAGE TOTAL		

INS.	SIGNATURE	LICENSE NUMBER
INSTALLED P/N LW18607 SHUT TO TURBO & VACUUM PUMP PAD. INSTALL ENGINE DRIVEN FUEL PUMP P/N 41234 OWH. Jerry B. Parker A&P 456548682		

I CERTIFY THAT THIS AIRCRAFT ENGINE
HAS BEEN INSPECTED IN ACCORDANCE
WITH A/AN ANNUAL 100 HR. INSPECTION
AND WAS DETERMINED TO BE IN AIR-
WORTHY CONDITION.

DATE 7-13-97 TOTAL TIME 1323.43

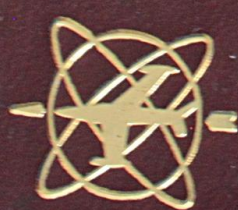
SIGNED Jerry B. Parker
JERRY B. PARKER
A&P 4565486821A

Continued from Previous Page

PIN 10-382555-13 this date, 500HR magneto inspection due 500 HRS from this date + Time @ 1860.3 HRS., Replaced Primer lines #1,2,3 Cylinders
PIN LW12098-0-170/240/140, Replaced Engine Drain Hoses as Required,
Serviced Governor as Required, Replaced Cabin Heat Switch as Required,
Repaired left magneto P-Lead wiring and Shielding, Replaced Alternator
Field Wiring and Terminal, Re-Soldered Propeller Wires to Spec.
Replaced Engine Air Filter w New Air Mace, Spark Plugs Cleaned
gapped and Retorted, Controls Lubed and Travels inspected and
adjusted as required. Tyrod wiring and hoses as required.
All Systems inspected and functionally checked this date with no
discrepancies noted @ this time. All A.D's checked through this
date and found to be within compliance @ this time.

JMA 143449717 A-P

Engine Log #2



The Standard

ENGINE LOG

DATE	RECORDING TACH TIME	FLIGHT	TIME IN SERVICE	ENTRIES MUST BE MADE IN THIS SPACE Technician or Repair Facility. (See back pages for other specific entries.)
8-9-99	tach replaced dip stick bracket for exhaust tail pipe support John Attala	1411.38	38	resealed #2 exhaust pushrod tubes; 0" ring; fabricated and installed fwd. exhaust tail pipe support, w.o. 9016 2m3R029m
8-30-99	tach w.o.	1421.42 9088	42	replaced EGT PROBE; calibrated EGT. John Attala 2m3R029m
10-1-99	tach removed #2 & #4 cylinder for cam & lifter inspection; reinstalled cylinders; removed mag for accessing gears inspection & reinstalled; installed missing thrust buttons on all rocker shafts. adjusted idle & idle mixture. runup & leak check good. serviced with A/S W100 w.o. 9184 John Attala	1429.0		changed oil & filter; inspected old filter; 2m3R029m

DATE	RECORDING TACH TIME	FLIGHT	TIME IN SERVICE	ENTRIES MUST BE MADE IN THIS SPACE Technician or Repair Facility. (See back pages for other specific entries.)
10-22-99	tach runup & leak check good	1449.98	98	replaced oil filter; inspected old filter w.o. 9290 John Attala 2m3R029m
10-27-99	tach filter; service leak. w.o.	1461.97	97	changed oil & filter; inspected old filter; service with A/S W80; repaired tail pipe leak. w.o. 9324 John Attala 2m3R029m

19	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
12-13-99		C/W annual inspection; changed oil + filter; inspected old filter; serviced with A/S W 80. removed carb for repair and reinstalled (see CWO # 99-9K) Compression: #1- 76/80 #2- 77/80 #3- 77/80 #4- 78/80. all work accomplished IAW Commander S.M. + FAR 43D. A.D.'s checked through 99-24	

ARIZONA AIR-CRAFTSMAN, PRESCOTT, ARIZONA
 I certify that this ENGINE has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.

WO# 9470 Tach Time 1503.14
 Eng. SMOH 179.71 Aircraft Total Time 1503.14
 Prop SMOH 153.3 Engine Total Time 1503.14

John Atterholt R.S.#ZM3R029M Date: 12-13-99
 Signature John Atterholt

19	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
3-16-00	TACH-1561.22	- Drained oil, checked & replaced oil filter - serviced oil sys with 8Qts AS 80W oil - washed eng down - good run tank checked OK w/o #9864 on file at Arizona Air-Craftsman John D. May	

19	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
5-31-00		C/W Annual Insp. changed oil + filter; inspected old filter; serviced with A/S W 100. removed all 4 cylinders for repairs + reinstalled. (see 8130-3's dated 5-25-00) Compression: #1- 50/80 (repaired) #2- 78/80 #3- 0/80 (repaired) #4- 76/80. all work accomplished IAW Archival S.M. + FAR 43D. A.D.'s checked through 2000-10 (see A.D. Report in Log book binder)	

ARIZONA AIR-CRAFTSMAN, PRESCOTT, ARIZONA
 I certify that this ENGINE has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.

WO# 10223 Tach Time 1602.5
 Eng. SMOH 279.1 Aircraft Total Time 1602.5
 Prop SMOH 257.7 Engine Total Time 1602.5

John Atterholt R.S.#ZM3R029M Date: 5-31-00
 Signature John Atterholt

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-29-00	1612.53			Remove Eng for insp due to prop Strike WO#16434 N 4656 W Jay A Kerg PRS ZM3R029M

Arizona
Air-Craftsman
INCORPORATED



(520) 717-1680

Fax # (520) 717-0073

2020 Clubhouse Drive • Prescott, AZ 86301
Prescott Airport • FAA Repair Station #ZM3R029M

MAKE LYCOMING

S/N L-253-69A

TSMOH 229.10

MODEL T0-360-C1A6D

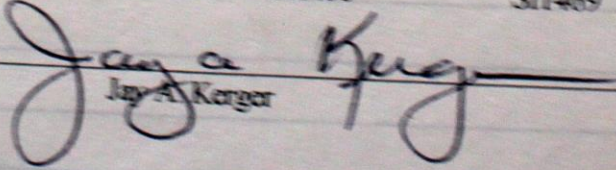
DATE 08-15-00

TOTAL TIME 1612.53

Arizona Air-Craftsman certifies that this engine has been disassembled, inspected, and repaired in accordance with recommended procedures and all clearances and tolerances are within specified limits. Procedures and limits used are as contained in engine manufacturer's overhaul manual number 60294-7. A listing of applicable airworthiness directives, factory bulletins, letters, and instructions complied with are listed in aircraft records. The engine identified above was overhauled and inspected in accordance with current regulation of the Federal Aviation Administration and is approved for return to service. Pertinent details of the overhaul are on file at this repair station under work order number 10456.

Signed

Jay A Kerg

		Technician or Repair Facility. (See back pages for)		
TO-360-C1A6D TT: 1612.53		SN: L-253-69A TSMOH: 289.10	WO: 10456	DATE: 08-15-00
The following were N/A:				
69-24-03	72-06-05 R2	77-13-16	78-09-07 R3	79-08-06
80-04-03 R2	81-18-04 R2	82-20-01	90-04-06 R1	92-12-05
96-23-03	97-01-03	97-15-11	98-02-08	
The following were C/W or P/C/W:				
AD No's:	80-02-13	81-12-06 R1	91-14-22	94-25-04
SB's:	96-09-10	96-12-07		
SI's:	SB238	SB439A	SB475B	SB508
	SB518C	SB524	SB526	
	SI1011H	SI1012F	SI1029D	SI1059C
	SI1142B	SI1143B	SI1205	SI1265A
	SI1285B	SI1290E	SI1341	SI1343A
	SI1424	SI1442	SI1453	SI1469
CRS ZMGR029M		 Jay A. Karger		

19	TIME	SERVICE	Technician or Repair Facility. (See back pages for)
8-22-00	tech	1612.53	Ac TT1612.53 reinstalled engine in 112 TCA, N4656W, S. 1, 13186; C/W 500 HR mag of magneto; C/W AD. 96-12-07 per MSB645 (see form 8130-3 dated 7-27-00) C/W carb overhauled (see form 8130-3 dated 7-11-00) serviced with AS w/100; run up + leak check good W.O. 10434 John Attwood ZM 3R029M

19	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
10-18-00	Tach 1653.21	changed oil + filter; inspected old filter; serviced with A/S W80. C/W A.B. 2000-18-53 (replaced oil filter converter gasket with P.N. 06B23072 per S.B. 543A supplement. #1) no further action required. run up + leak check good. W.O. 10935	John Atterholt ZM3R029M
2-23-01	Tach 1681.88	changed oil + filter; inspected old filter; serviced with A/S W80. run up + leak check good. W.O. 11473	John Atterholt ZM3R029M

19	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
6-13-01	C/W	annual insp; changed oil + filter; inspected old filter; serviced with A/S W100. compression #1-72/80 #2-72/80 #3-74/80 #4-70/80. all work accomplished I.A.W. Airwell S.M. + FAR 43D; A.D.'s checked through 2001-12	ARIZONA AIR-CRAFTSMAN, PRESCOTT, ARIZONA I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. WO# <u>11896</u> Tach Time <u>1702.02</u> Eng. SMOH <u>NA</u> Aircraft Total Time <u>1702.02</u> Prop SMOH <u>8249</u> Engine Total Time <u>1702.02</u> John Atterholt R.S.#ZM3R029M Date: <u>6-13-01</u> Signature <u>John Atterholt</u>

19	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
7-11-02		Q/W annual insp	changed oil + filter; inspected old filter element. serviced with 15W/50; compression: #1-78/80 #2-74/80 #3-76/80 #4-78/80; all work accomplished IAW Rockwell S.M. + FAR 43D; A.P.S checked through 2002-14; A.P. 2002-12-07 was P.C.W. IAW. PC 2000-018-53 by gasket replacement with gasket P.N. 06B23072.

ARIZONA AIR-CRAFTSMAN, PRESCOTT, ARIZONA
 I certify that this ENGINE has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.

WO# 13260 Tach Time 1725.56
 Eng. SMOH N/A Aircraft Total Time 1725.56
 Prop SMOH 113.03 Engine Total Time 1725.56

John Atterholt R.S.#ZM3R029M Date: 7-11-02
 Signature John Atterholt

19	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
9-1-03	ACT 1758.8		SERVICED ENGINE WITH 8QTS AGRO SHELL 15W/50 OIL INSTALLED CH 48103 OIL FILTER. ADDED 6OZ LYC OIL ADDITIVE CLEANED AND GAPPED PLUGS. REMOVED #2 CYLINDER PUG TO RING BLOW BY CYLINDER WAS HONED AND NEW RINGS INSTALLED BY AIRCRAFT ENGINE SPECIALIST WO#2627 FOR DETAILS CYLINDER RE INSTALLED. MAGNETO TIMING CHECKED COMPRESSION CHECKED AND FOUND TO BE: #1 78/80 #2 74/80 #3 78/80 #4 78/80 ALL A.D'S CHECKED THRU 2003-16. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION PER FAR 43 APPENDIX C, AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION. <u>James Raymonie</u> APP207366783IA

DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-14-04	1778.9			SERVICED ENGINE WITH 8QTS AEROSHELL 15W50 OIL AND INSTALLED CH48103 FILTER COMPRESSION TESTED. #1 $\frac{78}{80}$ #2 $\frac{78}{80}$ #3 $\frac{78}{80}$ #4 $\frac{78}{80}$. ALL AD COMPLIED WITH TACH. 2003-9 I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION. James Raynor ATP207366783IA.
1-10-05	tach	1778.53		removed inspected, reinstalled & secured mixture plait keeper pin. W.O. 16153 John Attley ATP526045567
1-14-06	AC/TT	1785.07		SERVICED ENGINE WITH 8QTS AEROSHELL 15W50 AND LYCOMING ADDITIVE INSTALLED CHAMPION CH48103 FILTER COMPRESSION CHECKED #1 $\frac{78}{80}$ #2 $\frac{78}{80}$ #3 $\frac{78}{80}$ #4 $\frac{78}{80}$ ALL AD'S COMPLIED WITH. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL 100HR INSPECTION AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION. James Raynor ATP964226IA.

DATE	TACH TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
6/22/06	1792.2	REPLACED ALL SPARK PLUGS. INSTALLED NEW INDUCTION CLAMP ON THE TURBO.	BC Freeland AP 2756383
9/20/06	TACH 1815.5	CHANGED OIL AND FILTER, SERVICED ENGINE WITH AEROSHELL 15W50.	BC Freeland AP 2756383

DATE 2/5/07 AIRCRAFT TYPE N4656W SER. NO. Lycoming TO360-C1A6D TT L253-69A TACH 1843.4 SMOH 1843.4

Annual inspection completed this date in accordance with 14 CFR 43 appendix D and manufacturers instructions. Changed oil and filter, cut open old filter, no metal found. Serviced engine with 7 Qts Aeroshell 15W50. Ground run and leak check OK. Plugs cleaned, gapped, tested and reinstalled. Compressions all 76/80. Lower baffles replaced. I certify that this engine has been inspected in accordance with an ANNUAL inspection and was determined to be in Airworthy condition.

Cimarron Air Inc
Montrose CO.

Blake Freeland AP2756383 IA

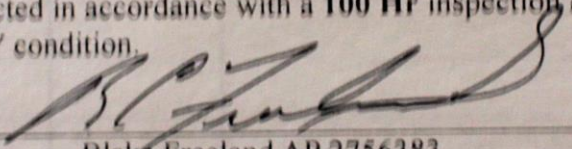
19	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
2-13-08	Tach 1925.4	Changed oil and Filter, serviced with 7.5ts Aeroshell 15W50, cut open oil Filter no contaminants found	AP 2756383
4/27/08		REPLACED STARK PLUGS AND FUEL PUMP, INSTALLED NEW INDUCTION CLAMP ON THE TURBO ATTACH	AP 2756383
7/23/07	TACH 1882.6	CHANGED OIL AND FILTER, SERVICED ENGINE WITH AEROSHELL 15W50	AP 2756383

19	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
3/20/08	1927.4	ANNUAL INSPECTION COMPLETED THIS DATE. CHANGED OIL AND FILTER CLEANED AND GAPPED PLUGS, ROCKER SHAFT PORT GASKETS REPLACED, REPAIRED BAFFLES AS NECESSARY. ENGINE SERVICED WITH AEROSHELL 15W50. GROUND RUN & LEAK CHECK OK.	AP 2756383
8/20/08	1960.1	CHANGED OIL AND FILTER, CUT OPEN OLD FILTER, NO METAL FOUND. SERVICED ENGINE WITH AEROSHELL 15W50.	AP 2756383
5/5/09	1991.3	ANNUAL INSPECTION COMPLETED THIS DATE, CHANGED OIL AND FILTER, PLUGS CLEANED AND GAPPED, FUEL NOZZLES CLEANED. ENGINE INSPECTED FOR A 100 HR INSP AND L	

DATE AIRCRAFT TYPE SER. NO. TACH TT SMOH
12/17/12 4656W Lycoming TO360-C1A6D L253-69A 2107.4 2107.4 494.9

Annual inspection completed this date in accordance with 14 CFR 43 appendix D and manufacturers instructions. Changed oil and filter, cut open old filter, no metal noted. Serviced engine with 7 qts. Aeroshell 15W50. Plugs cleaned, gapped, tested and reinstalled. Replaced the patch on the right bottom of the plenum. I certify that this engine has been inspected in accordance with a **100 Hr** inspection and was determined to be in AIRWORTHY condition.

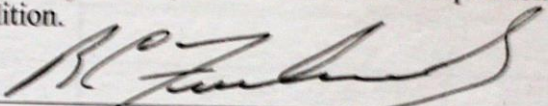
Cimarron Air Inc
Montrose Co


Blake Freeland AP 2756383

DATE AIRCRAFT TYPE SER. NO. TACH TT SMOH
1/15/14 N4656W Lycoming TO360-C1A6D L253-69A 2129.4 2129.4 516.9

Annual inspection completed this date with reference to manufacturers instructions and 14 CFR 43 appendix D. Changed oil and filter, cut open old filter, no metal found. Serviced the engine with Aeroshell 15W50. Spark plugs cleaned, gapped, tested and reinstalled. Ground run and leak check OK. Pushrod tube seals replaced on the #1 cyl. I certify that this engine has been inspected for a **100 hr** inspection and was determined to be in airworthy condition.

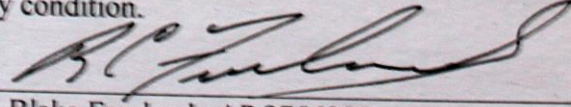
Cimarron Air Inc
Montrose CO


Blake Freeland AP 2756383

DATE AIRCRAFT TYPE SER. NO. TACH TT SMOH
1/19/15 N4656W Lycoming TO360-C1A6D L253-69A 2144.44 2144.44 531.94

Annual inspection completed this date with reference to manufacturers instructions and 14 CFR 43 appendix D. Changed oil and filter, cut open old filter, no metal found. Serviced the engine with Aeroshell 15W50. Spark plugs cleaned, gapped, tested and reinstalled. Ground run and leak check OK. Replaced the forward right baffle seal piece. I certify that this engine has been inspected for a **100 hr** inspection and was determined to be in airworthy condition.

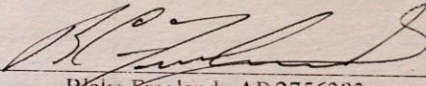
Cimarron Air Inc
Montrose CO


Blake Freeland AP 2756383

DATE AIRCRAFT TYPE SER. NO. TACH TT SMOH
3/3/16 N4656W Lycoming TO360-C1A6D L253-69A 2174.33 2174.33 561.83

Annual inspection completed this date with reference to manufacturers instructions and 14 CFR 43 appendix D. Spark plugs replaced, Replaced the air filter element. Compressions 78, 77, 77, 87, all over 80. Changed oil and filter. Cut open filter: no metal found. Serviced engine. Ground run and leak checked ok. I certify that this engine has been inspected for a 100 hr inspection and was determined to be in airworthy condition.

Cimarron Air Inc
Montrose CO


Blake Freeland AP 2756383



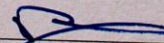
Date: 9/2/19 N4656W S/N: 13186
Engine: Lycoming TO-360-C1A6D S/N: L-253-69A
Total Time: 2178.75 Hobbs: 816.4 TSOH: 566.25

French Field Aviation Inc.
38500 French Field Way
Crawford, CO 81415
970.447.7773

1. Performed 100 Hour Inspection using 14 CFR 43 Appendix D and 112TCA Maintenance Manual as a guide.
2. Checked engine compression: #1: 76 #2: 74 #3: 78 #4: 78 /80
3. Changed oil and filter P/N AA48103-2. Serviced with Aeroshell W15W-50.
4. Cleaned, inspected, gapped, tested, rotated and reinstalled spark plugs.
5. ADs current to biweekly revision 2019-17.
6. Performed ground run operational and leak check.

I certify this engine has been inspected IAW an Annual Inspection and was determined to be in airworthy condition.

Authorized Signature


David Seastead AP3492477 IA



Date: 9/2/19 N4656W S/N: 13186
Prop. Model: HC-E3YR-1RF S/N: FM1732B
Total Time: 2178.75 Tach: 2178.75 Hobbs: 816.4

French Field Aviation Inc.
38500 French Field Way
Crawford, CO 81415
970.447.7773

1. Performed 100 Hour Inspection using 14 CFR 43 Appendix D and 112TCA Maintenance Manual as a guide.
2. Performed dynamic balance.
3. ADs current to biweekly revision 2019-17.
4. Performed ground run operational and leak check.

I certify this propeller has been inspected IAW an Annual Inspection and was determined to be in airworthy condition.

Authorized Signature


David Seastead AP3492477 IA



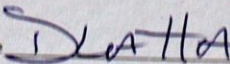
Date: 08/26/2021 N4656W S/N: 13186
Engine: TO-360-C1A6D S/N: L-251-69A
Tach: 2179.26 Eng. TT: 2179.26 TSOH: 566.76

French Field Aviation Inc.
38500 French Field Way
Crawford CO 81415
970.424.2810

1. Performed Annual/100 Hour Inspection with reference to 14 CFR Part 43 Appendix D and the Manufacturer's Service Manual.
2. Checked engine compression: #1: 74 #2: 74 #3: 78 #4: 76/80 psi.
3. Changed oil. Serviced with Aeroshell 15W/50 engine oil.
4. Installed new induction air filter P/N: BA-4005.
5. Lubricated engine controls.
6. Cleaned, inspected, gapped, tested, and rotated spark plugs.
7. ADs current through biweekly revision #2021-17.
8. Performed ground run operational and leak check.

I certify this engine has been inspected in accordance with an Annual/100 Hour Inspection and was determined to be in airworthy condition.

Authorized Signature


AP2815060IA

ENGINE

LYCOMING TO360-C1A6D

SN: L-253-69A ACFT: 2235 TSO

DATE: 02-11-2021

PG. 07 AC

Changed engine oil and filter. Checked and serviced engine with 7 quarts Phillips 100-50W oil.

Engine operational and leak checked.

Both CTS 146-1555-70A

SAFETYNET, INC.

HARRIET ALEXANDER AIRPORT HANGAR F SALIDA, COLORADO 81201-9638

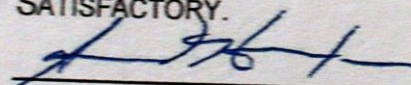
08/10/2022

ROCKWELL COMMANDER 112TCA N4656W

AIRCRAFT TOTAL TIME: 2234.2

ENGINE TOTAL TIME: 2235.6

REMOVED SKY-TEC STARTER 149-12HT, SERIAL NUMBER 3030 FROM ENGINE, LYCOMING TO360-C1A6D SN: L-253-69A. INSTALLED SKY-TEC 149-12HT SERIAL NUMBER H-W071042. STARTER OPERATIONAL CHECK WAS SATISFACTORY.


JAMES DOUGLAS HARKER

A&P 1629179

ENGINE

Lycoming TO-360-C1A6D Serial# L-253-69A

DATE: 12-15-2022

A.C.T.T.: 2262.6 TSO: ~~6800~~

939.17 R.C.

Performed an annual inspection in accordance with CFR Title 14 part 43 appendix d and Commander checklist.

Cleaned, Gapped and rotated spark plugs. Checked magneto timing. Performed a compression check as follows: #1 74/80 #2 78/80 #3 72/80 #4 74/80. Valve condition determined by bore scope (no defects). Replaced valve cover gaskets with REAL silicone gaskets part# RG-76036. Replaced turbocharger waste gate cable part# LW-14714 and rigged. Changed engine oil and filter CH48103 and serviced with 7 quarts Phillips XC20-50w oil.

All Airworthiness Directives checked through Revision 2022-25. Engine operational and leak check well. I certify this engine has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition at this time. Ralph Croft A&P3695170IA.

Ralph Croft

Date: 03/03/2024 Hours: ~~2262.6~~ TSMOH: 988.7

Tail# N4656W

2312.2

Make: Commander (CPAC) Model: 112TCA

S/N: 13186

ENGINE Lycoming TO-360-C1A6D SN: L-253-69A

Performed an annual inspection in accordance with CFR Title 14-part 43 appendix d. and Commander checklist. Cleaned all fuel screens. Cleaned, gapped and rotated spark plugs. Checked magneto to engine timing. Performed a compression check as follows: #1 78/80 #2 78/80 #3 77/80 #4 72/80. Valve condition determined by bore scope (no defects). Rigged throttle and waste gate. Changed engine oil and filter AA48103-2 and serviced with 7 quarts Phillips XC20-50w. Complied with the following Airworthiness directives: 23-09-09 Exhaust V-band clamp Inspected per paragraph I. (next due 9-2024/2362.2). All Airworthiness directives checked through 2024 -5. I certify this engine has been inspected in accordance with an annual inspection and is determined to be in an airworthy condition at this time. Ralph Croft A&P3695170IA.

Name: Ralph Croft



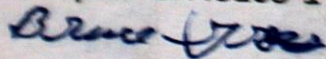
Cert: 3695170

9/19/24

2362.2
TT ~~2,309.6~~

1038.7
TSMOH ~~1,033.7~~

Oil changed. Services with 8 quarts Phillipa XC 20-50 and Champion CH48103-1 filter; Runup completed.



Date: 04/01/2025 **Hours:** TTE: 2416.8 Tach: 2416.8 TSMOH: 1093.3

Tail#: N4656W

Make: Lycoming

Model: TO-360-C1A6D

S/N: L-253-69A

Performed an annual/100 hour inspection in accordance with CFR Title 14 part 43 appendix d and Commander checklist.

Cleaned all fuel screens. Cleaned, Gapped and rotated spark plugs. Checked magneto timing. Performed a compression check as follows: #1 76/80 #2 77/80 #3 78/80 #4 20/80. Removed # 4 Cylinder for overhaul by Gibson Aviation P/N:

LW13964. Reinstalled after overhaul with new gaskets, Intake hose, New thrust buttons. Set valve clearance. Changed engine oil and filter. Performed oil sample. Changed engine air filter P/N: BA 4005. Complied with the following Airworthiness directives: 2023-09-09 Exhaust V-band coupling(paragraph I, Next due 2466.8 2024-21-02 Connecting rod failure. (performed oil sample, checked suction screen and oil filter no contaminants). Engine operational and leak check well.

I certify this engine has been inspected in accordance with an annual/100 hour inspection and is determined to be in an airworthy condition at this time. Ralph Croft A&P36951701A

Ralph Croft

1. Approving Civil Aviation Authority/Country:		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: G022425-9
4. Organization Name and Address: Gibson Aviation 1821 West Elm Street El Reno, OK 73036 (405)262-4880 CRS:AV2R704K					5. Work Order/Contract/Invoice Number: 119186
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	CYLINDER	LW13964	1	119186	OVERHAULED
12. Remarks: Overhauled using FAA approved data LYCOMING 60294-7 APR 2020 See commercial invoice for parts listing FAA 8130-3					
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: <i>Dennie Chaloner</i>	14c. Approval/Certificate No.: AV2R704K
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): DENNIE CHALONER	14e. Date (dd/mm/yyyy): 05/MAR/2025
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.					

Date: 06/20/2026 **Hours:** TSN: 2479.4 | TSO: 1155.9 | Tach: 2468.9

Tail#: N4656W

Make: Lycoming

Model: TO-360-C1A6D

S/N: L-253-69A

Performed an annual/100-hour inspection in accordance with CFR Title 14-part 43 appendix d and Commander checklist. Cleaned all fuel screens. Cleaned, gapped and rotated spark plugs. Checked magneto timing. Performed a compression check as follows: #1 76/80 #2 72/80 #3 78/80 #4 79/80. Valve condition determined by bore scope (no defects). Changed engine oil and filter AA48103-2 cleaned suction screen and serviced with 7 quarts Phillips XC 20-50W oil. Installed new BA4005 engine air filter. Installed Lycoming Service Instruction No. 1415A New turbocharger mounting hardware to comply with AD 2023-09-09 Exhaust Tailpipe V-Band coupling. Installed 2 each new V-band couplings Part # LW-13464 at location of turbo outlet to tailpipe and exhaust stack to turbo inlet.

Complied with the following Airworthiness Directives: 2023-09-09 Exhaust Tailpipe V-Band Coupling. (Installed new Lycoming LW-13464 clamp this date. 2024-04-11: Connecting rod failure. (Checked filter and screen for contaminants. No defects. Engine operational and leak check well. I certify this engine has been inspected in accordance with an annual/100-hour inspection and is determined to be in an airworthy condition at this time. Ralph Croft A&P3695170IA.

Name: Ralph Croft

Cert: 3695170

Co: Airmech Services LLC

Sign: 