

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM



Custom Airmotive, Inc.

AIRCRAFT ENGINE SERVICE

FAA REPAIR STATION #DC2R763K

2702 N SHERIDAN RD BLDG B.

TULSA OKLAHOMA 74115-2321

PHONE 918 836-6836 FAX: 918 836-9431

ENGINE MAINTENANCE RECORDS

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2702 N. SHERIDAN, BLDG. B

TULSA, OK 74115

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2702 N. SHERIDAN PH. 918-836-6836
Tulsa, Okla. 74115

WARRANTY:

All engines rebuilt by Custom Airmotive after March 1, 1997, are guaranteed to be free from defects in material and workmanship, under normal use and service for six months or 240 hours; whichever occurs first. An additional prorated warranty will apply to parts only to manufacturers published T.B.O. Accessories will be guaranteed by the vendor. All parts and labor to be approved by Custom Airmotive prior to commencement of work. Cracked cylinders and crankcases excluded from all warranties unless it can be determined that they are a direct result of improper assembly. Loss of revenue or use of aircraft claims will not be allowed. Proration to be based on hours logged, or 40 hours per month; whichever is greater.



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N960DM

Engine Manufacturer _____

Model 10-470-C

Serial No. _____

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| ☐ Right | ☐ Left |
| ☐ Front | ☐ Rear |



(All applicable information must be filled in)

AEROTECH PUBLICATIONS INC.

P.O. Box 1359 / Southold, NY 11971-0965

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1-800-235-6444

FAX: (516) 765-9359

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ENGINE MAJOR OVERHAULED TO MANUFACTURERS SPECIFICATIONS.

TT__4019.7__ TSMOH__2.1__(test run)

Model__IO-470-C__ S/N__87661-4-C-R__

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with manufactures specifications and current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repairs are on file at this repair station under,

Work order no.__18527__

Date__Nov. 07, 2003__

Signed Mark D. Lutting for

FAA repair station DC2R763K.

CUSTOM AIRMOTIVE, INC.
2702 N. SHERIDAN, BLDG. B
TULSA, OK 74115 USA
ph.(918)836-6836 fax(918)836-9431

Note: Fuel system was also overhauled (see appropriate tags). Magnetos, spark plugs and ignition harness are new. Note: This overhaul was completed using __CERMINIL by ECI__ cylinder bores.

AIRWORTHINESS DIRECTIVES FOR:

MODEL__IO-470-C__ S/N__87661-4-C-R__ WO#__18527__ TT__4019.7__

A.D.# METHOD OF COMPLIANCE

70-14-07 C/W; FUEL SYSTEM O-H'ED @ CRS#HK2R875K.
79-05-09 N/A TO THIS STYLE VALVE.
85-08-02 N/A TO THESE CYLINDERS.
88-03-06 TO BE C/W BY THE INSTALLER OF THE FILTER.
91-19-03 TO BE C/W BY THE INSTALLER OF THE FILTER.
93-10-02 N/A TO THESE PROPERLY ASSEMBLED CYLINDERS.
95-21-15 N/A TO THIS ENGINE.
97-21-02 N/A TO THESE OVERHAULED CYLINDERS.
98-01-08 N/A; HAS GENUINE TCM ROCKER ARMS.
98-17-11 N/A; CRANKSHAFT WAS NOT SENT TO NELSON.
99-19-01 N/A TO THIS EARLIER VINTAGE CRANKSHAFT.
2000-23-21 N/A TO THIS EARLIER VINTAGE CRANKSHAFT.

SIGNED Mark D. Lutting FOR CRS# DC2R763K.

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	4019.7	2.1	TACH 1530.0 AFT 5332.0	TOTALS brought forward from previous page
12-01-2003				Installed ENGINE IN BEECH M35 BONANZA N960DM #N D6543. SERVICED w/10 qts AEROSHELL 80 MINERAL OIL. RIGGED ENGINE. INSTALLED PROP AND TEST RAN ENGINE. CHECKED MAGNETO TIMING. OK NO OIL LEAKS FOUND AT this time. INSTALLED PMA CLAMP KIT CH10009 J. M. Molyon 489905513
03-01-2004	4020.6	3.0	TACH 1530.9 AFT 5332.9	C/W 100hr INSPECTION CHECKED PLUGS TCYL COMPRESSIONS, + OIL AND FUEL SCREENS. RAN ENGINE NO LEAKS FOUND. ENGINE IS APPROVED FOR RETURN TO SERVICE J. M. Molyon 1A489905513
09-30-04		23	Tach 1530.9	Charged oil x/c 20w-50 - Cleaned screen
04-01-05		32.75	1565.75	Charged oil, cleaned screen, installed 10 qts Phillips 20w50 X/C. Compression: #1 76/80 #2 76/80 #3 75/80 #4 78/80 #5 76/80 #6 78/80 I certify this Engine has been inspected in accordance with an Annual Inspection and determined to be in airworthy condition. Homer R. Smith AEP 430822017IA
4-20-06	4096.1	73.30	1606.40	Charged oil, Inspected + cleaned oil screen, Installed 10 qts Phillips 20w50 X/C. Compression: #1 76/80 #2 74/80 #3 75/80 #4 74/80 #5 74/80 #6 74/80 Replaced lower front Alt. mount bolt + nut. I certify this Engine has been inspected in accordance with an Annual Inspection and determined to be in airworthy condition. Homer R. Smith AEP 30369051A
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

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	4096.1	7330	1606.40	TOTALS brought forward from previous page
4-28-2007	4115.7	9390	1626.0	Change oil and clean and inspect oil screen. Install 10 Qts Phillips X/C. Compressions: #1 76/80 #2 73/80 #3 75/80 #4 70/80 #5 72/80 #6 76/80. Wash Engine and Compartment. I certify this Engine has been inspected in accordance with an Annual Inspection and determined to be in airworthy condition. Homer R. Scott Jr. AIP 3036905 IA

YEAR: 2008 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/12	1806.43			Drained oil & Removed Screen Inspected screen for metal. None found. Installed screen and serviced with 9 quarts Phillips X/C 20W50 oil William H. Hoon AIP 263064249

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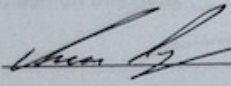
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Bokada Aircraft Maintenance and Repair LLC

Las Cruces International Airport (KLRU)

Make: Beechcraft	Model: Bonanza	Serial # M35-D6543
N# 960 DM	W/O #	Date: 10-29-08
Tach Time: 1834.5	Eng. Total Time: 4326.3	TSMOH: 306.6

Drained oil and removed screen. Inspected screen for metal, none found. Replaced screen and serviced with 9 qts. Phillips X/C 20 W 50 oil. washed engine and performed engine run-up. no leaks noted.

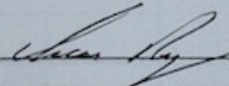
Oscar Reyes  A & P # 460438513

Las Cruces Aero Services LLC

Las Cruces International Airport (KLRU)

Make: Continental	Model: IO-470-C	Serial # 87661-4-CR
N# 960DM	W/O #	Date: 12-22-08
Tach Time: 1862.4	Eng. Total Time: 4354.2	TSMOH: 334.5

Drained oil and removed screen for inspection. Inspected filter for metal. None found. Reinstalled screen and saftied. Serviced Crankcase with 10 qts Phillips XC 20W50. Washed engine down and performed engine run. No leaks noted at this time.

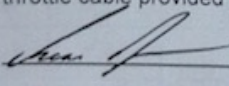
Oscar Reyes  A & P # 460438513

Las Cruces Aero Services LLC

Las Cruces International Airport (KLRU)

Make: Beechcraft	Model: M35	Serial # D6543
N# 960 DM	W/O #	Date: 01-27-09
Tach Time: 1862.41	Eng. Total Time:	TSMOH:

Installed new throttle cable provided by owner. Rigged throttle postion switch and tested.

Oscar Reyes  A & P # 460438513

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

DATE

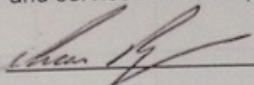
TOTAL
TIME
IN
SERVICETOTAL
TIME
SINCE
OVERHAULTACH OR
RECORDING
METER
TIME

TOTALS brought forward from previous page

 Las Cruces Aero Services LLC
 Las Cruces International Airport (KLRU)

Make: Beechcraft	Model: M-35	Serial # D6543
N# 960 DM	W/O #	Date: 03-24-09
Tach Time: 188703	Eng. Total Time:	TSMOH:

Drained oil and removed filter. Inspected screen for metal. None found. Reinstalled screen with new crush washer and serviced with 10 qts. Phillips X/C 20W50. Engine run-up performed.

 Oscar Reyes  A & P # 460438513

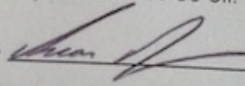
05/02/09	5712.96	1904.62	Inspected engine and found it to be in an airworthy condition Amy L. Philby A&P1821637
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06/18/09	5729.88	1921.54	DRAINED OIL AND SERVICED WITH 9 QUARTS PHILLIPS X/C 20W50 OIL. JBulmer COMM # 2415875
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 Las Cruces Aero Services LLC
 Las Cruces International Airport (KLRU)

Make: Beechcraft	Model: M-35	Serial # D-6543
N# 960DM	W/O #	Date: 09-09-09
Tach Time: 1949.4	Eng. Total Time: N/A	TSMOH: N/A

Drained oil and remove screen for inspection. No metal found. Reinstalled screen and saftied. Serviced with 10 qts Phillips X/C 20 W 50 oil. Washed engine and performed engine run-up.

 Oscar Reyes  A & P # 460438513

12/14/09	5796.87	1988.53	DRAINED OIL AND SERVICED WITH 9 QUARTS PHILLIPS X/C 20 W 50 OIL. JBulmer COMM # 2415875
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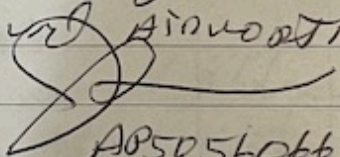
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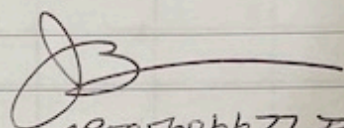
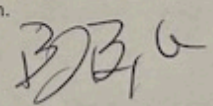
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
05/15/2010	5805.16	1996.82		Inspected engine and found it to be in an airworthy condition <i>Ray L. Phyll</i> AEP1821657
05/15/2010	5805.15	1996.82		Date 05/15/2010 Total Time 5807.82 I Certify That <u>This Engine</u> Has Been Inspected In Accordance With AIA <u>Annual</u> Inspection And Was Found To Be In Airworthy Condition <i>Thom Cross</i> AEP 2711301 I.A.
10/1/10	5828.76	2020.43		DRAINED OIL & SERVICED WITH 9 QUARTS PHILLIPS X/C 20W50 OIL <i>JBul</i> com*2415875
06/03/11	5854.06	2045.73		Replaced alternator P/N 015-01237 & belt P/N 539547-31-19 Inspected engine and found it to be in an airworthy condition. Differential compression cyl #1 = $\frac{75}{80}$, cyl #2 = $\frac{75}{80}$, cyl #3 = $\frac{75}{80}$, cyl #4 = $\frac{74}{80}$, cyl #5 = $\frac{78}{80}$, cyl #6 = $\frac{78}{80}$. <i>Ray L. Phyll</i> AEP1821637
06/03/11	5854.86	2045.73		DRAINED OIL & SERVICED WITH 9 QUARTS PHILLIPS X/C 20W50 OIL <i>JBul</i> com*2415875
				SUB-TOTALS this page
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
06/03/11	2045.40 5854.6		2045.73	Date 06/03/11 Total Time 2045.73 Tach I Certify That <u>This Engine</u> Has Been Inspected In Accordance With <u>A / An Annual</u> Inspection And Was Found To Be In Airworthy Condition <i>Thomson</i> A & P 27-1130 I.A.
09/10/11	5864.91		2046.1	REPLACED ALL SPARK PLUGS WITH CHAMPION RHMADE PLUGS <i>JBulson</i> COMM # 2415875
09/10/11	5864.91		2046.1	Replaced all injectors with Gami Fuel injectors. Replaced all ignition wires with new wires <i>Harold Philp</i> A & P 1821637
CAM CERTIFIED AIRCRAFT MAINTENANCE 12925 Wildcat Way, Burleson, TX, 76028 AIRFRAME: N960DM MODEL: M35 TACH: 2052.1 S/N: D6543 DESCRIPTION OF WORK PERFORMED: Check fuel injector, ran engine, very smooth at 1800 RPM, Engine Analyzer work on all Cylinders. Replaced 2 cowl fasteners on right side. February 8, 2012 DATE: _____ SIGNATURE: <i>Clifford A. Williams</i> A & P 3456353				
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DATE	TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
07/01/12	5853.87		2053.0	TOTALS brought forward from previous page
Date 07/01/2012 Total Time 2053.0 Tach I Certify That <u>This Engine</u> Has Been Inspected In Accordance With <u>1</u> / An <u>Annual</u> Inspection And Was Found To Be In Airworthy Condition <i>Thomas</i> AEP 271130 I.A.				
08/25/13	5867.71	540.94	2068.84	DRAINED OIL & SERVICED WITH 9 QUARTS PHILLIPS XLC 20W50 OIL <i>JBW</i> Comm 245875
11/18/14	5879.96	543.19	2068.98	CK COMPRESSIONS (OK); CLEANED & CK. OIL SCREEN (NO CONTAMINATES); CLEANED SPARK PLUGS; CK MAGS & TIMING; REMOVE LH. EXHAUST STACK FOR REPAIR - REINSTALLED W/ NEW GASKETS; CK & LABE ENG. CONTROLS;
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED 1/1/14 W A 100 HR. INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>Randell C. Shetter</i> AP453867046				
Engine Log <i>11/18/2015</i> N960DM Tach:2088.5 TSMOH:562.71 Clean and re-gap and rotated plugs. Check mag timing. Check compression: 1. 7680 2.77/80 3.76/80 4.74/80 5.77/80 6.77/80. Cleaned and inspected fuel injection filter. Inspect mufflers for cracks or hot spots. Check all engine controls. Wash engine and run-up. I certify that I have inspected this engine in accordance with a 100 hour inspection and was determined to be in airworthy condition. Boyd Roberts A&P 1980389 <i>Boyd Roberts</i>				
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Page No.				DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	
				TOTALS brought forward from previous page
12/29/2016	5916.8	581.70	2107.49	COMPRESSIONS: #1 - 70/80, #2 75/80, #3 75/80, #4 75/80, #5 75/80, #6 78/80, #7 78/80, #8 72/80, #9 72/80, #10 78/80 INSPECTED INTERIOR AND EXTENSION OF FUSelage, WINGS AND TAIL, INSPECTED CONTROL SURFACE RIGGING AND CABLES, INSPECTED LANDING GEAR AND WHEELS/BRAKES, PERFORMED EXTENSION CHECK, CHECKED AD'S TADA 12/16 I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND AIRWORTHY.  AP505606677JA
				SUB-TOTALS this page
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				TOTALS brought forward from previous page
18 MAR 2018				#1 - 72/80, #2 - 70/80, #3 - 74/80, #4 - 78/80, #5 - 77/80, #6 - 78/80 Inspected and cleaned engine and Prop. Drained oil and cleaned/inspected oil screen. I CERTIFY THAT THIS engine HAS BEEN INSPECTED IN AN ANNUAL INSPECTION AND WAS FOUND AIRWORTHY.  AP505606677IA
30L 2020	5935.77	600.67	2126.46	#1 72/80 #2 70/80 #3 72/80 #4 66/80 #5 70/80 #6 68/80 Inspected engine and Prop. CHANGED eng oil 7QTS AeroShell 100+ Inspected oil screen. I CERTIFY THIS engine HAS BEEN INSPECTED IN ANNUAL INSPECTION AND WAS AIRWORTHY.  AP505606677IA 11/23/2021 N960DM Tach: 2126.4 SMOH: 605.11 Drained oil and changed filter, AA48110-2. Service with 10 Qts of AeroShell 100+. Compressions are #1 60/80 #2 68/80, #3 72/80, #4 70/80, #5 70/80 & #6 55/80. Cleaned, gapped, and rotated spark plugs. Checked engine timing. Cleaned injectors. Inspected and cleaned the gascolator and fuel inlet strainer. Run-up satisfactory. I certify that I have inspected this engine in accordance with a 100-hour inspection and found it to be in airworthy condition. B. J. Boyle A&P 1867597 IA 
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