N7048Q Cessna 172L
owner: Marilyn Orloff
209-532-5255 home
209-743-1604 cell
mailing: P.O. Box 2165
Columbia, CA 95310

N 7048Q

Avcon
INDUSTRIES, INC.

ENGINE

~~AND PROPELLER LOG~~ see Hartzell Propeller LogBook

N 7048Q SERIAL NO. 17260348

HARTZELL PROPELLER, INC.
INSPECTION

No. 1-

☑ NEW ☐ REPAIR

DATE 6-4-82

HARTZELL ORDER NO.	PART NUMBER		
46134	HC-C2YK-1BF/F7666A		
HUB NO.	GOV. NO.	BULKHEAD NO.	DAMPER NO.
CH26767			

BLADE NUMBERS

1	2	3	4	5
F25421	F25451			

DIMENSIONS

CARTON NO.	LBS.	WEIGHT	KILOS	HEIGHT	WIDTH	LENGTH	PACKING

COMMENTS:

13.0 L.P. @ 30" STATION

SOLD TO: | CUSTOMER ORDER NO. | INSP. BY

SPEEDISET® MOORE BUSINESS FORMS, INC. 26

AVCO LYCOMING WILLIAMSPORT DIVISION
WILLIAMSPORT, PA.

Form 245

FINAL ENGINE ACCEPTANCE

Eng. Serial No. L 302741-36A
(L 310)

Inspector

Date 7-29-82

Avcon
INDUSTRIES, INC.

P.O. Box 4248 North Wichita Station
1006 W. 53rd St. North
WICHITA, KANSAS 67204
Phone (316) 838-9375
Telex 417-306

Engine and Propeller Log

Comprehensive Recording of Engine and Propeller Records

ENGINE DESCRIPTION

Mfgr. Lycoming | Place | Date 7/22/82

Type | Model O-360-A1A | Serial No. L-30274-36A

Rated H. P. | Maximum H. P. 180 | Weight (Dry)

Rated R. P. M. | Maximum R. P. M. 2700 | Oil Pressure

Bore | Stroke | Displacement | Cu. In.

Compression Ratio | Supercharger Ratio | Gear Ratio

Propeller HC-2CYK-1BF/F7666A | Hub Design CH 26767 | Hub Serial No.

Blade Design | Blade Serial No. F 25421 | Blade Serial No. F 25451

Maximum Hub H. P. | Maximum Blade H. P.

Pitch | Diameter | Length

Owners Name

Address | City | State

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
8/1/82							0	05	Installed this engine and propeller in Cessna 172 N7048Q S/N 17260348. I/A/W Avcon kit 8966 and STC SA807CE. Serviced with 8 qts Aeroshell 50 non det. Engine test run and all systems checked functional. No leaks noted. I certify that this engine has been inspected I/A/W a 100 hr inspection and found to be in airworthy condition. Kenneth L. Orloff A&P 569625959		
BROUGHT FORWARD							0	05			
TOTALS							0	05			

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
8/22							23,7		Drained oil & re-		
									placed with 8 qts		
									Aeroshell 50 non det.		
									Changed oil filter		
									cartridge. Install-		
									ed Aeroquip Parts		
									No. AE80664H oil		
									quick drain valve	M M Kelly	
9/11							50,0		Drained oil & replaced		
									with 8 qts Aero-		
									shell SAE 50W det. oil.		
									Replaced oil filter cart.	M M Kelly	
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
9/12					55,1				Cleaned, tested, & gap-		
									ped plugs as req.		
									Switched plugs top		
									for bottom & adv. one		
									cyl. in firing order.		
									Checked compression		
									#1 78/80; #2 80/80; #3 77/80		
									#4 78/80		
									Kenneth L. Orloff A&P 596085989		
10/21					100,2				Drained oil & replaced		
									filter cartridge.		
									Filled with 8 qts		
									Aeroshell SAE 40W det oil	M M Kelly	
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE 1982	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
10/3							77	6	Complied with AD 82-20-01 by inspection of impulse coupling - flyweights are hardened steel. Magneto S4LN-21 S/N A 259309. Kenneth L Orloff A&P 569625989		
12/6							151	5	Drained oil. Replaced with 8 qts Aeroshell SAE 40. Replaced filter cartridge.		
12/12							162	1	Installed new REM40E plugs. Compl test 1/78 2/78 3/79 4/78. Engine washed down. Kenneth L. Orloff A&P 569625989		
2/4/83							200	2	Changed oil & replaced filter cart. Filled 8qts Aeroshell SAE 40		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN	TIME IN AIR HRS.	TIME IN AIR MIN	TOTAL TIME HRS.	TOTAL TIME MIN	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
3/31/83							250,4		Changed oil & filter Filled w 3qts Aeroshell SAE 40	MMKelly	
4/13/83									Installed reconditioned plugs. Compression test 1, 78/76; 2, 80/78; 3, 80/78; 4 80/77	MMKelly	
5/11/83							299,7		Changed oil & filter Filled with 8qt Aeroshell SAE 50W	MMKelly	
6/10/83							350,5		Changed oil & filter Filled with 8qt Aeroshell SAE 50W Changed air filter element. Installed reconditioned plugs. Adj 1 in firing order & switched top to bottom.	MMKelly	
BROUGHT FORWARD									Comp check. 1, 80/78; 2, 80/74; 3, 80/78; 4, 80/74		
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
6/28/83							370.8		R.H. END FLANGE WAS WELDED		
									TO REPAIR CRACK. STARTER FRONT		
									GEAR HOUSING ATTACH SCREWS WERE		
			#1	78/80					REPLACED WITH NAS 1303-4 AND		
			#2	76/80					SAFETIED TO REPLACE THE		
			#3	76/80					SHEARED ORIGINALS.		
			#4	77/8					I CERTIFY THAT THIS ENGINE		
									HAS BEEN INSPECTED I/A/W A		
									100HR INSPECTION AND FOUND		
									TO BE IN AIRWORTHY CONDITION		
									Earl Blankenbey A+P 569-27-3378		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN	TIME IN AIR HRS.	TIME IN AIR MIN	TOTAL TIME HRS.	TOTAL TIME MIN	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
6/29/83		370.8 TT							I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED		
									IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN		
									DETERMINED TO BE IN AIRWORTHY CONDITION.		
									Kenneth A. Orloff A&P 569625989 IA		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE 1983	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
7/17							399.1		Changed oil & filter cartridge. Aeroshell 50W	M Kelly	
9/5							449.4		" " " " "	M. Kelly	
10/17							499.4		Changed oil & filter Replaced air filter element.		
10/23							506.0		Compr. Check #1 54/52 #2 80/75 #3 54/82 #4 82/82 Replaced spark plugs adv 1 in firing order & swapped top for bottom	M Kelly	
11/30							527.1		Rechecked comp #2 80/76	M Kelly	
1984 3/12							549.4		Had muffler repaired & reinstalled	M. Kelly	
									Changed oil & filter cartridge 8QTS Aeroshell 50W		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE 1984	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN	TIME IN AIR HRS.	TIME IN AIR MIN	TOTAL TIME HRS.	TOTAL TIME MIN	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
6/2/84		A/C TT 2538.0			TACH		569.5		Cleaned, gapped, and tested spark plugs.		
		C/W AD 78-09-07R3 IMPULSE COUPLING (LH mag S/N 259309) by inspection									
		I/A/W BEECH SB 599B. ENGINE WASHED DOWN. I CERTIFY THAT THIS									
		ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND HAS BEEN									
		DETERMINED TO BE IN AIRWORTHY CONDITION. COMP TEST 1/26 2/28 3/28 4/28.									
		Kenneth L. Cahoff 569625989 IA									
7/24/84		~~Stop~~			Tach		589.7		Changed oil & filter cartridge Put in 3 qts Aeroshell 50W		
11/14/84							630.3		Changed oil & filter cartridge Put in 8 qts Aeroshell 40W		
5/28/85							670.5		Changed oil & filter cartridge Put in 8 qts Aeroshell 50W		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE 1985	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
6/15/85	A/C	TT	2639.5		TACH	671.0			Installed reconditioned spark plugs. Replaced throttle control rod end bearing. Installed new muffler assembly. Reseated electric fuel pump fittings. I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition. Compression test 1/78 2/79 3/78 4/79. Engine time 671.0 since new. Kenneth T. Orloff 569625989IA		
11-8-85	A/C	TT	2687.0		Tach	718.5			Drained Oil. Replaced with 8 qts Aeroshell 40W. Replaced filter cartridge. Inspected old cartridge. OK	MWK	
~~4-20-86~~					~~Tach~~	~~737.4~~					
4-20-86					Tach	737.4			Drained Oil. Replaced with 8 qts Aeroshell 50W. Replaced filter cartridge. Old cartridge clean.	MWK	
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE 1986	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN	TIME IN AIR HRS.	TIME IN AIR MIN	TOTAL TIME HRS.	TOTAL TIME MIN	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
6/8/86	A/C	TT	2716.9		TACH	748.4			Installed reconditioned spark plugs. Engine washed down. Replaced all rocker cover gaskets.	K. Orloff ATP 569625989	
									I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition. Compression test 1/78 2/78 3/78 4/78. Engine time 748.4 since new. 6/8/86 Kenneth T. Orloff 569625989IA		
10/1/86	A/C	TT	2758.6		Tach	790.1			Drained Oil. Changed filter cartridge. Inspected old cartridge, OK. Filled with 8 qts Aeroshell 50W		
3/14/87	A/C	TT	2795.6		Tach	827.4			Drained Oil. Changed filter cartridge. Inspected old cartridge, OK. Filled with 8 qts Aeroshell 50W		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
7/1/87	Tach Time 832.4. Installed reconditioned spark plugs. C/W AD 86-24-07 Engine controls by P(a). C/W AD 78-09-07R3 Impulse coupling by inspection I/W Bendix SB 594B. For both magnetos (A288043 and A259809) cleaned and inspected interior of mags and distributor blocks, repacked ball bearings, C/W Bendix SB 568A by installation of 10-391213 screws; SB556 & SB625 DNA. Replaced breaker ass'y and capacitor in LH mag. Checked and set point gap and internal timing both mags. Comp test 1/76 2/78 3/75 4/78. K. Orloff A&P569625989									
	I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition. 7/1/87 832.4 TTSN Kenneth L. Orloff 569625989IA									
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN	TIME IN AIR HRS.	TIME IN AIR MIN	TOTAL TIME HRS.	TOTAL TIME MIN	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
12/20/87	Tach Time 862.2						Drained		Oil, Replaced Oil Filter, Inspected oil filter, OK. ~~Re~~ Filled w 6 qts Aeroshell 50W, 2 qts Aeroshell 40W - M Kelly		
6/18/88	Tach Time 880.2						Drained		Oil, Replaced with 8 qts Aerosh. ~~100 W~~ W-100 (SAE 50). Repl'd oil filter cart. Inspected old cartridge; OK		
7/3/88	Tach time 882.7 Cleaned, gapped, tested, and rotated spark plugs. Engine washed down. Compression test 1/75 2/79 3/77 4/79. K Orloff A&P569625989										
	I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition. 7/3/88 882.7 TTSN Kenneth L. Orloff 569625989IA.										
11/20/88	Tach Time 925.7						Drained		Oil. Replaced with 7 qts Aeroshell W-100 (SAE 50), 1 qt Aeroshell W 80 (SAE 40). Replaced Oil Filter Cartridge, Inspected cartridge, OK		
4/18/89	Tach Time 932.3						Drained		Oil, Replaced with 8 qts Aeroshell W-100, Changed oil filter cartridge. Inspected cartridge OK		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
7-22-89	Tach time 950.8 Installed reconditioned spark plugs. Compression tested -										
			1/75	2/76	3/76	4/77			K. Orloff A&P 569625989		
8-21-89	Tach time 950.8 Reinstalled prop governor after being reworked by										
	Santa Monica Propeller Service. Engine runup and no leaks noted.										
									K. Orloff A&P 569625989		
	I certify that this engine has been inspected in accordance with an										
	annual inspection and has been determined to be in airworthy condition.										
	8-21-89 950.8 TTSN								Kenneth L. Orloff 569625989 IA		
11-12-89	Tach Time 979.5 Drained oil, replaced w Aeroshell W-100, 8 qts										
									Replaced oil filter		
									" " induction air filter		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
6/25/90	Tach Time 989.0 Drained oil, replaced w 8 qts Aeroshell W-100										
									Replaced oil filter element		
									" " " induction air filter		
9-29-90	Tach Time 999.7 Installed recondition spark plugs. Engine washed down										K. Orloff A&P 569625989
	Comp test 1/77 2/78 3/79 4/78										
	I certify that this engine has been inspected in accordance with an										
	annual inspection and has been determined to be in airworthy condition.										
	10-1-90 999.7 TTSN								Kenneth L. Orloff 569625989 IA		
01-12-91	Tach Time 1008.7 Drained oil. Replaced with 6 qts Aeroshell W-100, 2 qts										
	W-80. Replaced oil filter element.										M Kelly
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
6/8/91	Tach	Time	1021.6						Drained oil, Replaced w 8 qts Aeroshell 100W Replaced oil filter. Old oil filter clean	MKelly	
9/1/91	Tach	Time	1063.8						Drained oil. Replaced w 8 qts Aeroshell 100W Replaced oil filter, Old filter clean.	MKelly	
9/2/91	"	"	1064.4						Replaced induction air filter	MKelly	
I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition. Comp test 1/~~79~~ 2/79 3/79 4/79. 11-8-91 TT 1069.6 SN Kenneth L. Orloff 569625989 IA											
11/25/91	Tach	Tim	1078.1						Drained oil, Replaced w 8 qts ~~Aeroshell 80W~~ Replaced oil filter cart. Old cart clean	MKelly	
4/3/92	Tach	Time	1080.7						Drained oil, Replaced w 7 qts Aeroshell 100W 1 qt 80W. Did not change filter cartridge.		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R P M GROUND	R P M AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN	TIME IN AIR HRS.	TIME IN AIR MIN	TOTAL TIME HRS.	TOTAL TIME MIN	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
8/16/92	Tach	Time	1114.9						Replaced induction air filter element	MM Kelly	
8/26/92	Tach	Time	1116.6						Drained oil, Replaced with 8 qts Aero shell 100W. Replaced oil filter. Filter clean	MM Kelly	
12/25/92	Tach.	Time	1124.5						Engine inspected and washed down. Mag timing checked. Comp test 1/77 2/78 3/79 4/79. K. Orloff A&P 569625989		
I certify that this engine has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition. 12-25-92 Eng 1125 TTSN Kenneth L. Orloff 569625989 IA											
6/15/92	Tach	Time	1131.0						Replaced oil with 8 qts Aero Shell 100W Replaced oil filter. MM. Kelly		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
7-10-94 1156.1 Tach	Oil changed 8QTS Aeroshell 100W. Spark plugs cleaned, gapped, tested. Adjusted magneto-to-engine timing. Comp test 1/78 2/78 3/78 4/78. K. Orloff A&P 569625989										
	I certify that this engine has been inspected in accordance with a 100hr. inspection and has been determined to be in airworthy condition. 7-10-94 1156 TTSN K Orloff 569625989IA										
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS	TIME ON GROUND MIN	TIME IN AIR HRS.	TIME IN AIR MIN	TOTAL TIME HRS.	TOTAL TIME MIN	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
4-May-96	Tach 1169.8 (since TT new). Oil changed 8QTS Aeroshell 100W. Installed new CH48110 oil filter. Removed oil filter adapter from engine, removed thermo bypass valve and inspected retaining nut IAW Lyc. MSB 518C; nut found to be tight. Reinstalled valve and adapter. Installed reconditioned REM38P sparkplugs. Engine washed down. Comp test 1/78 2/78 3/78 4/78. K. Orloff A&P 569625989										
	I certify that this engine has been inspected in accordance with a 100 hr. inspection and has been determined to be in airworthy condition. 5 May 1996 1170 TTSN Kenneth L. Orloff 569625989IA										
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
6-Oct 1996									Tach time 1201.3 Oil changed 8QTS Aeroshell 100W. Replaced oil filter. Installed new REM40E spark plugs. Removed eng-driv fuel pump; installed overhauled Aero Accessories Model 40295 S/N AA5100. Engine washed down. Comp test 1/76 2/78 3/78 4/79 K. Orloff A&P 569625589.		
16 MAY 1997									Tach time 1236.2 Oil changed 8QTS Aeroshell 100W. Replaced oil filter. Installed new oil cooler hoses and eng-driv pump to carb line. Cleaned, gapped, tested spark plugs. Engine washed down. Comp test 1/78 2/79 3/79 4/79. K. Orloff A&P 569625589		
									I certify that this engine has been inspected in accordance with a 100hr inspection and has been determined to be in airworthy condition. 1236.2TT K. Orloff A&P 569625589 17 May 1997		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
21 JUNE 98									Tach time 1278.9 Oil changed 8QTS Aeroshell 100W. CH48110 oil filter changed. Installed reconditioned REM38P spark plugs. Comp test 1/78 2/79 3/78 4/79. K. Orloff A&P 569625989		
									I certify that this engine has been inspected in accordance with a 100 hr inspection and has been determined to be in airworthy condition. 21 JUNE 1998 1278.9 TTSN Kenneth L. Orloff 569625989 A&P		
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.	HRS.	MIN.	HRS.	MIN.			
									7/7/99 N7048Q TACH 1297.6 SMOH 1297.6		
									Clean spark plugs. Change oil and filter. Install new air filter element. Install new fuel line from electric pump to engine. Install new alternator belt. Repair baffling and install new baffle seal. Inspect mags for condition (good) and impulse coupling per AD 96-12-07.		
									I certify that this engine has been inspected in accordance with an Annual Inspection and determined to be in air worthy condition.		
									Steven D Pinley A&P564665307IA		
									AIR YOSEMITE 10735 AIRPORT RD COLUMBIA CA 95310		
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	HRS.	MIN	HRS.	MIN			
									12/8/99 N7048Q TACH 1331.7SMOH 1331.7		
									Change oil and filter, inspect filter contents. Service with Aeroshell W100 and new filter.		
									Steven D Pinley A&P564665307IA		
									AIR YOSEMITE 10735 AIRPORT RD COLUMBIA CA 95310		
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
8/2/00	N7048Q	TACH 1345.5	SMOH 1345.5								
									Clean spark plugs. Change oil and filter. Install new air filter element. Install new exhaust gaskets.		
									I certify that this engine has been inspected in accordance with an Annual Inspection and determined to be in air worthy condition.		
									Steven D Pinley A&P564665307IA		
									AIR YOSEMITE 10735 AIRPORT RD COLUMBIA CA 95310		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
11/22/00	N7048Q TACH 1360.4 SMOH 1360.4		
	Install new bendix drive model EBB131A on starter. Install new seals in nose gear and service.		
	Steven D Pinley A&P564665307IA		
	AIR YOSEMITE 10735 AIRPORT RD COLUMBIA CA 95310		
7/23/01	N7048Q TACH 1373.9 SMOH 1373.9		
	Install new hardened steel oil pump gears P/N SL18109A-S per AD 96-09-10.		
	Install new spark plugs. Change oil and filter. Install new air filter element.		
	I certify that this engine has been inspected in accordance with an Annual Inspection and determined to be in air worthy condition.		
	Steven D Pinley A&P564665307IA		
	AIR YOSEMITE 10735 AIRPORT RD COLUMBIA CA 95310		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
									4/24/02 N7048Q TACH 1405.1 SMOH 1405.1		
									Change oil and filter, service with Aeroshell W100 and CH48110 filter. Install new spark plugs P/N UREM40E. Install new rocker cover gaskets on #2 and #4 cylinders. Wash engine compartment.		
									Steven D Pinley A&P564665307IA		
									AIR YOSEMITE 10735 AIRPORT RD COLUMBIA CA 95310		
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	HRS.	MIN	HRS.	MIN			
									8/6/02 N7048Q TACH 1424.7 SMOH 1424.7		
									Install reconditioned spark plugs. Change oil and filter. Install new air filter element.		
									I certify that this engine has been inspected in accordance with an Annual Inspection and determined to be in air worthy condition.		
									Steven D Pinley A&P564665307IA		
									AIR YOSEMITE 10735 AIRPORT RD COLUMBIA CA 95310		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
7/11/03	N7048Q	TACH 1465.6	SMOH 1465.6								
									Install reconditioned spark plugs. Change oil and filter. Install new air filter element.		
									I certify that this engine has been inspected in accordance with an Annual Inspection and determined to be in air worthy condition.		
									Steven D Pinley A&P564665307IA		
									Steven D Pinley		
									AIR YOSEMITE 10735 AIRPORT RD COLUMBIA CA 95310		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN	TIME IN AIR HRS.	TIME IN AIR MIN	TOTAL TIME HRS.	TOTAL TIME MIN	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
5-10-04	Tach time 1498.2										
			Changed oil and filter. Serviced engine								
			with Shell 100w.								
									M. Brown		
									A+P 2028525		
7-12-04	Tach time 1508.2								Annual inspection completed.		
AF	Total time 3478.2								Comp. Ck. 1 73/80, 2 75/80, 3 71/80, 4 72/80.		
Eng	Total time 1508.2								Returned mags to engine. Replaced		
									muffler.		
			DATE 7-12-04 TOTAL TIME 1508.2								
			I CERTIFY THAT THIS Engine HAS BEEN								
BROUGHT FORWARD			INSPECTED IN ACCORDANCE WITH A Annual								
			INSPECTION AND WAS DETERMINED TO BE								
TOTALS			IN AIRWORTHY CONDITION						M. Brown A+P 2028525 IA		

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
3-16-05			TACH		TIME		15 ~~23.0~~ 15 23.0		CHANGED OIL AND		
			FILTER,						SERVICED ENGINE WITH SHELL		
			15		W 50				OIL.		
									John Ruiz A&P 564 601388		
7-19-05	Tach time		1541.6						Annual inspection completed.		
	Eng Total time		1541.6						Compch. 1 74/80, 2 75/80, 3 76/80, 4 76/80.		
									Replaced gaskets on #1+3 rocker		
									covers		
									continued -		
BROUGHT FORWARD											
TOTALS											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN	REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
									DATE 7-19-05 TOTAL TIME 1541.6		
									I CERTIFY THAT THIS Engine HAS BEEN		
									INSPECTED IN ACCORDANCE WITH A Annual		
									INSPECTION AND WAS DETERMINED TO BE		
									~~IN AIRWORTHY CONDITION~~		
									M. Brown		
									A+P 2028525 IA		
1-4-06	Tach 1548.4								changed oil and filter. Serviced engine		
									with shell 100W.		
									M. Brown		
									A+P 2028525		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
7-14-06	Tach time	1554.5									
			Annual inspection completed.								
			Comp. Ck. 1 76/80, 2 75/80, 3 73/80, 4 75/80.								
			Changed oil and filter. Serviced engine								
			with Shell 100W.								
BROUGHT FORWARD											
TOTALS											

DATE 7-14-06 TOTAL TIME 1554.5
I CERTIFY THAT THIS Engine HAS BEEN
INSPECTED IN ACCORDANCE WITH A Annual
INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION
M. Brown
A+P 2028525 IA

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN	TIME IN AIR HRS.	TIME IN AIR MIN	TOTAL TIME HRS.	TOTAL TIME MIN	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
BROUGHT FORWARD											
TOTALS											

Mountain Aire Aviation, Inc.
22363 S. Airport Road, Sonora, CA 95370

REG #	N7048Q	DATE	8-10-07
MAKE	Lycoming	TACH	1584.5
MODEL	O-360A1A	HOBBS	
SERIAL #	L-30274-36A	SMOH	1554.5

Annual inspection completed. Comp check: 1-76/80; 2-70/80; 3-78/80; 4-70/80. Changed oil and filter. Serviced engine with Shell 100W. Replaced all intake pipe gaskets and all intake pipe hoses. Replaced carburetor float and float valve.

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

M. Brown
Michael B. Brown, A&P 2028525

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
BROUGHT FORWARD											
TOTALS											

MOUNTAIN AIRE AVIATION INC
22363 S Airport Road Sonora CA 95370

N Number	N7048Q	Tach:	1610 0 hrs
Engine Make & Model	Lycoming O-360-A1A	Hobbs:	
Engine Serial Number	L-30274-36A	Total Time:	1610.0
Date	September 2, 2008	SMOH:	

Annual inspection completed in accordance with Part 43, App. D. Comp Check: 1-74/80; 2-78/80; 3-78/80; 4-79/80. Timed magnetos to 25 degrees BTDC. Replaced four rocker cover gaskets. Changed oil and filter. Serviced engine with Shell 100W.

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

Andrew B. Turpen A&P 3188494 IA

ENGINE LOG

DATE	R. P. M GROUND	R. P. M AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN	TIME IN AIR HRS.	TIME IN AIR MIN	TOTAL TIME HRS.	TOTAL TIME MIN	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
9-2208	Tach	1612.9			Installed				8 new REM 37E spark		
					plugs						
									M. Brown A&P 2028525		
BROUGHT FORWARD											
TOTALS											

MOUNTAIN AIRE AVIATION, INC
22363 S Airport Road, Sonora CA 95370

N Number	N7048Q	Tach:	1663 2
Engine Make & Model	Lycoming O 360 A1A	Hobbs:	
Engine Serial Number	L-30274-36A	Total Time:	1663 2
Date	10/1/09	SMOH:	

Annual inspection completed in accordance with Part 43, App. D.
Compression check: 1-77/80; 2-71/80; 3-70/80; 475/80. Changed oil and filter. Serviced engine with Shell 100W.

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

M. Brown
Michael B. Brown, A&P 2028525 IA

ENGINE LOG

ENGINE LOG

DATE	R. P. M. GROUND	R. P. M. AIR	TIME ON GROUND HRS.	TIME ON GROUND MIN.	TIME IN AIR HRS.	TIME IN AIR MIN.	TOTAL TIME HRS.	TOTAL TIME MIN.	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
04-15-11 N7048Q Changed engine oil & filter. Serviced with 7 qts. Aeroshell W 100 Plus and 11.2 oz CamGuard. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Cylinders: 1- 72/80, 2- 72/80, 3- 78/80, 4- 70/80. Tach. 1689.9 Faride Khalaf, IA 2821306 F. Khalaf											
06/11/2012 N7048Q Eng Model O-360A1A Eng SN L-30274-36A Tach: 1708.1 TSN: 1708.1 Performed compression checks Cyl#1, 76/80. Cyl#2, 76/80. Cyl#3, 76/80. Cyl#4, 76/80. Changed Oil and serviced with 8qtsAeroshell w100/50 oil. Oil filter removed cut, inspected and checked good. Installed oil filter with new (p/n CH48110) and saftied. Magneto timing checked good. Spark plugs cleaned, gapped and rotated. Engine ground ran ops and leak checked good. I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in an Airworthy condition. Harpal Chadda A&P 2678073 IA Harpal Chadda											
BROUGHT FORWARD											
TOTALS											

DATE

NAPA JET CENTER

Engine Log Entry

12-31-2013 Lycoming 0-360-A1A s/n: L-30274-36A N7048Q Tach: 1726.4

- Removed starter (p/n: MZ-4222)(s/n: 3R00022), due to faulty bendix drive, and replaced with new starter (p/n: ERZ-8011)(s/n: H-M100923) in accordance with Hartzell Engine Technologies' Installation Instructions F0326 Rev. 1/12; updated weight and balance/equipment list addendum.

Systems interrupted due to maintenance have been operationally checked with no defects observed. The aircraft was repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of work are on file under **NJC work order # MX-12-5172.**

NAPA JET CENTER
Napa, CA 800 229 6272

Geoffrey Arnwine CRS# AWQR303C

NUMBER

07/14/2013 N7048Q Eng Model O-360A1A Eng SN L-30274-36A
Tach: 1731.3 TSN: 1731.3
Performed compression checks Cyl#1, 74/80. Cyl#2, 76/80. Cyl#3, 74/80. Cyl#4, 76/80. Changed Oil and serviced with 8qtsAeroshell w100/50 oil. Oil filter removed cut, inspected and checked good. Installed oil filter with new (p/n CH48110) and saftied. Magneto timing checked good. Spark plugs cleaned, gapped and rotated. Engine ground ran ops and leak checked good. I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in an Airworthy condition.
Harpal Chadda A&P 2678073 IA Harpal Chadda

BROUGHT FORWARD

TOTALS

06/21/2014 N7048Q Eng Model O-360A1A Eng SN L-30274-36A
Tach: 1741.2 TSN: 1741.2

DATE	LICENSE NUMBER
	Performed compression checks Cyl#1, 78/80. Cyl#2, 78/80. Cyl#3, 76/80. Cyl#4, 76/80. Changed Oil and serviced with 8qtsAeroshell w100/50 oil. Oil filter removed cut, inspected and checked good. Installed oil filter with new (p/n CH48110) and saftied. Magneto timing checked good. Spark plugs cleaned, gapped and rotated. Engine ground ran ops and leak checked good. I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in an Airworthy condition.
	Harpal Chadda A&P 2678073 IA Harpal Chadda

BROUGHT FORWARD											
TOTALS											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN	HRS.	MIN			
BROUGHT FORWARD											
TOTALS											