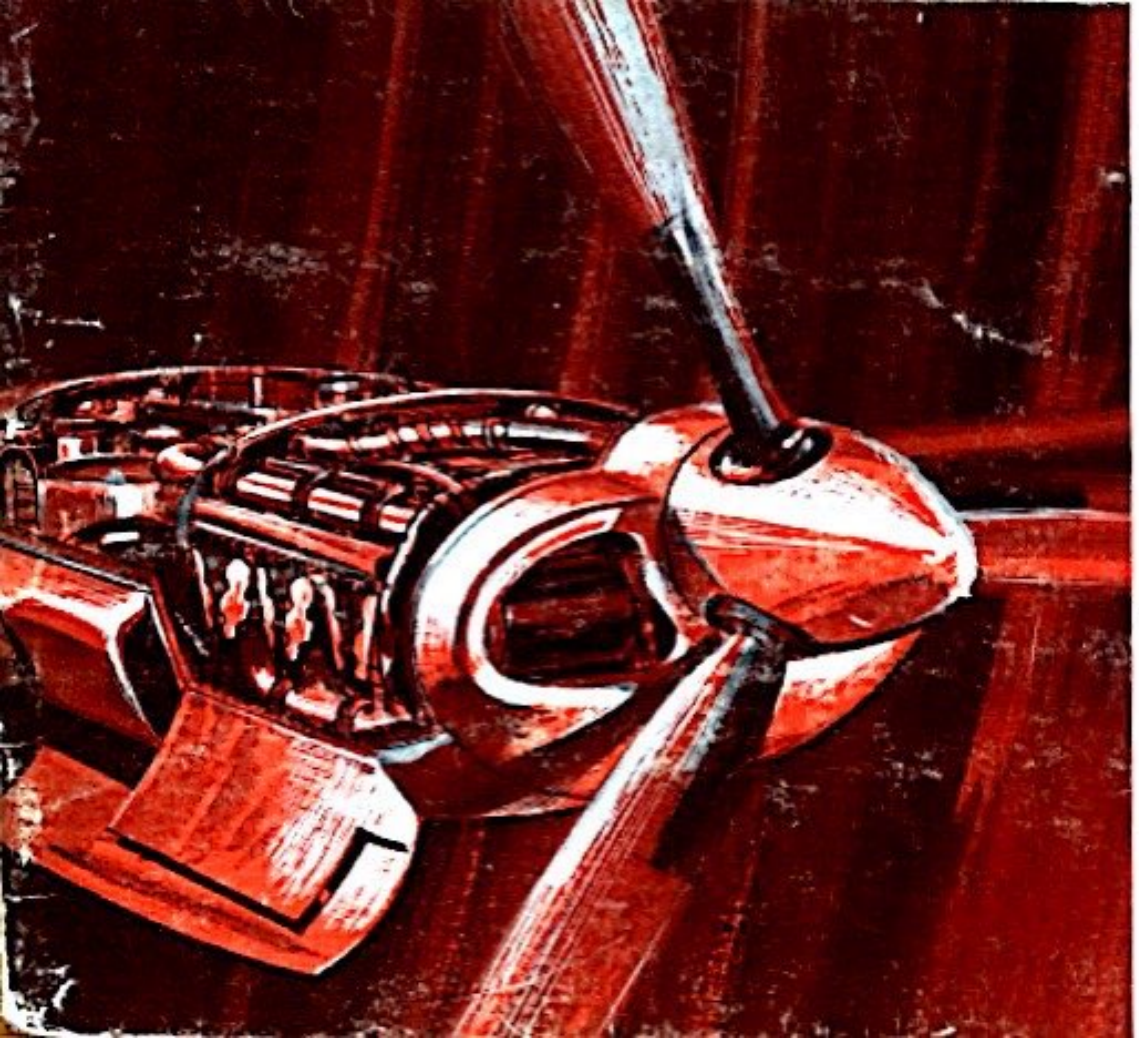

CONTINENTAL®
NEW ENGINE
LOG BOOK

N 57055

SERIAL NO. 25-0784

TELEDYNE CONTINENTAL MOTORS

Mooney 231

ENGINE DESCRIPTION

LO

PLACE _____ DATE 11-9-83

TYPE _____ MODEL TSIO-360-LB(1) SERIAL NO. 316004

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

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

BORE _____ STROKE _____ DISPLACEMENT _____ CU. IN. _____

COMPRESSION RATIO _____ SUPERCHARGER 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 _____

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.			
2-24-84		25.	8 HRS		TOTAL		OIL	&	FILTER		CHANGE. SERVICED WITH AEROSHELL		
		15W-50.			COMPLY		WITH		SERVICE		LETTER M20-84-1, BY		
		REMOVING			SCREEN		&		WIRE		MAGNET. RESEALED DOOR ON		
		ALT. AIR BOX.			ENG.		WASHED		DOWN		GROUND RUN. CHECK FOR		
		LEAKS OK					Philip J. Kozlowski				A&P 379720084		
6-29-84		96.7 HRS			TOTAL		Changed		oil		and filter Serviced with		
		aeroshell					15W-50						
											Kim A. Marshall	FOR	
											J.G.B. DuPont	3046	
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
10-23	54	75	Hrs			Oil changed and filter replaced. Engine washed down and ground run.							
											Dale G Albers		
											A&P 1403644		
12-12	54	88.8	Hrs			Annual inspection completed. Pictorial compression check. Clean and gap spark plugs. Tighten clamp on fuel pipe. Check magneto timing. Engine washed down, lubricated, pressure checked, stand run and found airworthy.							
											Dale G Albers		
											IA 1403644		
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.			
2-20-85			98.0 HRS.								OIL & FILTER CHANGE. SERVICED WITH AEROSHELL		
			15W-50.			ENG. WASHED DOWN, & LUB. & GROUND RUN.							
											Philip J. Kozlowski		
											A&P 379720084		
8-7-85			127.5	HRS.		O.L & FILTER CHANGE. SERVICED WITH AEROSHELL 15W-50.							
			CHANGED ROD ENDS ON MIXTURE & PROP. CONTROL. ENG. WASHED										
			DOWN. CONTROLS CHECKED & LUB. GROUND RUN, CHECKED FOR										
			LEAKS O.K.								Philip J. Kozlowski		
											A&P	379720084	
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
10-26-85			144.4 hours.								Replaced distributor block and gear		
PAGE AVIET											assembly in right magneto. Timed mag to engine. Ground		
MINNESOTA											run, mag check and leak check satisfactory.		
											Thomas L. Jones IA #1768308		
12-20-85			148.7 HRS. TOTAL TIME.								ANNUAL INSPECTION COMPLETED. PERFORMED		
			COMPRESSION CHECKS. CLEANED AND GAPPED SPARK PLUGS. CLEANED FUEL										
			NOZZLES. CHECKED MAG TIMING. ENG. WASHED DOWN. CONTROLS CHECKED										
			AND LUB. ENGINE GROUND RUN AND CHECKED FOR LEAKS. ENGINE HAS										
			BEEN [redacted]								FOUND ACCEPTABLE		
											Philip J. Kolowski		
											A&P 379720034		
											I. A.		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
5-12-86		181.5									OIL & FILTER CHANGED. SERVICED WITH AERO SHELL		
											15W-50. ENGINE WASHED DOWN. CONTROLS CHECKED & LUB.		
											ENGINE GROUND RUN AND FOUND PROPERLY		
											Philip J. Kolanek		
											A&P 3792004		
6-12-86		222.2									Oil changed and filter replaced. Engine		
											warmed down and ground run		
											Dale C. Allen		
											A&P 1403644		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
12-23-56		247.5											

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.			
3-5-87	27		35	Hrs		Oil changed and filter replaced. Install new spark plugs. Replace engine air filter. Check mag timing. Engine washed down and grease line							
											Dale G Deller A&P 1403644		
4-10-87			305.3	Hrs		Oil changed and filter replaced. Replace oil pressure line. Engine washed down and grease line							
											Dale G. Deller A&P 1403644		
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.			
8-20-87			332.5	Ho		Oil	changed				and filter replaced		
			Remove								[illegible] installed		
											[illegible]		
												G Allen	
												1403674	

Serviceable Propeller

MAKE McCauley MODEL 2A34C216B

New ☐ Overhauled ☐ Repaired ☒ Modified ☐

Blades CF361, CK219

Serial No. Hub F22824 Blade Dwg. G90DHB-16E

The Aircraft and or 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. 6494 Date 8-17-87

Signed Dewey Schultz for

H & S PROPELLER SHOP, INC - Cert. No. C20-9

OAKLAND PONTIAC AIRPORT, PONTIAC, MICHIGAN 48054

SIDE

SEE OTHER

Aircraft

Owner Quasar

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
8-26	- 87		332.5		Hr	Oil		changed			and filter replaced		
			Remove		propeller						Repair leaks and reinstalled		
			Engine		warmed			down			and ground run.		
											Dale G Albers		
											A+P 1403648		
CARRIED 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.			
1-14-87		375.8	Hr								Annual inspection completed. Oil changed and filter replaced. Clean fuel screen and nozzles. Perform compression checks. Clean and gap spark plugs. Perform STOW magneto inspection. Install point kits both magnetos. Grease right magneto into gear. Time magneto engine. Grease ignition lead spring on #1-6 Top and #5 bottom. Clean and paint front of engine mount. Inspect turbine housing pc. Rotate Master S.N. #29. Engine washed down, pressure checked, lubricated, ground run and found airworthy.		
											Dale C Allen FA 1403644		
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.			
5-30-88		420	Hrs		Oil changed and filter replaced. Replace tight oil flap hinge. Replace landing lite heat shield. Install two new cowling bumpers. Engine washed down and ground run. Oral G Albrecht A&P 1403694								
8-11-88		442.7 hrs			Oil & Filter Changed. Replaced Intake Gaskets Cylinder #2, #4 & #6. Engine Washed Down, Ground Run Checked For Leaks. Philip J. Kaplanski A&P 379720084								
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.			
9-6-88	461.9 HRS.			REPLACE		ALTERNATOR			SEAL & DRIVE END BEARING REPLACED				
		ALTERNATOR		DRIVE		COMPLETE		ASS.	INSTALLED VACUUM PUMP COOLING				
		KIT	PER	FAA		FORM	337		INSTALLED IN FLIGHT MANUAL				
											Philip J. Kozlowski		
											A&P 377720054		
											I.A.		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
11-3-88	481.6		HRS	TOTAL	TIME.	ANNUAL		INSPECTION.	PERFORMED	COMPRESSION	CHECKS		
	CHANGED		OIL	&	FILTER.	CLEANED		FUEL	NOZZLES.	CHECKED	MAG. TIMING.	CLEANED	
	AND	GAPPED	SPARK	PLUGS.		INSTALLED		NEW	VAC. PUMP;	NEW	TURBINE	HOUSING	
	ON TURBO;		NEW	AIR	FILTER	MAG		PRESSURIZATION	LINE;	CABIN	HEAT	SCAT TUBE.	
	ADJUSTED		TAKE	OFF	R.P.M.	ENGINE		WASHED	DOWN.	PRESSURE	CHECKED,	CONTROLS	
	CHECKED		AND	LUBE.	ENGINE	GROUND		RUN.	CHECKED	FOR	LEAKS	AND	FOUND
	AIRWORTHY.		Philip		J	Kozlowski							
									A&P 377720084		I. A.		
5-8-89	506.0		Changed		Oil	& Filter		Aeroshell		50 wt -	Clean and	gap plugs -	
			Replaced		fuel	manifold		lines		Andy Meserve			
7-10-89	528.0		Changed		oil	replaced		filter	15 to 50				
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M. Ground	R.P.M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
11-13-89	554 Hrs					Annual inspection					completed. Oil changed and filter replaced. Perform compression checks. Clean and gap spark plugs. Ck mag points and timing. Replace clamps on turbocharger oil lines. Ck turbocharger housing per Roto Master SL 27A. Replace housing band clamp. Engine washed down, lubricated, pressure checked, ground run and found airworthy. Dale E Allen IA 1423644		
9-28-90	TACH TIME 577.0 : CHANGED OIL AND FILTER (8 QTS AEROSHELL 15W50, 1-ES 48108) INSPECTED OIL FILTER. NO CONTAMINATION FOUND. RUN UP ENGINE AND CHECKED FOR LEAKS. Thomas B. Murray											A&P 493621538	
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.			
11-21-90	Hobbs	579.4									Cleaned gapped and tested all spark plugs. Checked timing. Compression test as follows- #1-75/80, #2-74/80, #3-72/80, #4-68/80, #5-72/80, #6-65/80. Cleaned and serviced all fuel injectors. Cleaned exhaust slip joints and replaced all exhaust gaskets. Checked all engine controls for operation. Replaced propeller with McCauley 2A34C26, HUB SN-623198, Blade SN's #1-CF385, #2 CF400. Installed de-ice boots. I certify that this engine has been inspected in accordance with a 100 HR inspection and was found to be in an airworthy condition. Thomas B. Muggs, Thomas B. Muggs A&P 493621538		
11-21-90	Hobbs	579.4	Total			579.4							
											I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH an Annual INSPECTION AS PER Mooney 100 HR INSPECTION FORM AND FOUND TO BE AIRWORTHY. THOMAS G. HENDRICKS IA 2015[illegible]		
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.			
1-9-91, ENGINE TOTAL TIME - 589.2 HRS - REPLACED STARTER O-RING SEAL WITH NEW IDENTICAL SEAL. RETIGHTENED CLAMP ON TURBOCHARGER COMPRESSOR INLET AND SAFETIED TWO BOLTS ON TURBO ITSELF. INSTALLED ANTI-CHAFE STRIP OVER MANIFOLD PRESSURE LINE TO PREVENT CHAFE-THROUGH. INSTALLED LIKE PIECE ON #3 CYLINDER FUEL INJECTOR LINE TO PREVENT SAME. INSTALLED NEW E-Z HEAT INC. ENGINE OIL HEATER IAW MANUFACTURERS INSTRUCTIONS. MODEL 440A. BUILT BRACE FOR OIL PSI SENDING UNIT - PREVENTED VIBRATION OF UNIT. Eric T. Thiele A&P 509906805													
4/12/91	Hobbs	618.1	oil changed - 8qt [illegible] 15-50						-	[illegible]			
7/25/91	hobbs	661.3	oil changed - 8qt [illegible] 15-50						[illegible]				
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
Coe #73													
1-24-92	HOBBS TOTAL Time 686.4 hours. Completed 100 hour INSPECTION IN accordance with a Monney Check LIST. Compression Check results are: (#1) 72/80, (#2) 72/80 (#3) 68/80 (#4) 72/80 (#5) 72/80 (#6) 72/80. Changed and refilled oil with 7 QTS. AeroShell 15W50. Also changed oil filter, replaced and serviced filter and screen. Checked A.Ds up unt. 1992 and complied with A.D. 84-26-02 induction Air filter by installing new filter. I certify this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Chuck Clifford A.P. #5217677116												

Date 1-24-92 Total Aircraft Time 686.4 I certify this engine has been inspected in accordance with a 100/annual inspection and was determined to be in airworthy condition.

Signature Peter Halek A&I No. 524701501

Peter Halek Inc. Aircraft

8250 Cessna Dr., Peyton, CO 80831

BROUGHT FORWARD	6/24/92	Hobbs	717.1	oil change	8qt have oil is	50	[illegible]
TOTALS	12/23/92	hobbs	754.3	oil changed	8qt have oil	15.50	[illegible]

ENGINE LOG

FEB 01 93 ANNUAL

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
FEB 01, 1993			TACH =			755.0 hrs					Compl # [illegible]	[illegible]	
											Cleaned + Gapped all spark plugs. Removed + Cleaned		
											All Fuel Inj Nozzles, Replaced all oring	Flat o-rings +	
											Pipe Seals. Repaired Baffle Retaining	Springs. Replaced	
											Lower Turbo hose + Fittings. Tightened all	Loose	
											Ex nuts. Cut oil Filter open, no metal	Found	
											A.D. 85-03-06 N/A A.D. N/A by date of Filter-		
											A.D. 92-04-09 N/A By dates in S.B. M92-4 Rev 1		
											Removed Alternator + Replaced Drive End Seal		
											+ Ch Brgs, Replaced Diode units as needed		
											Ch volt Regulator + adj as needed.		
											I Certify This Eng has Been Given		
											An 100/Annual Insp + is Approved For Return		
											To Service.	[illegible] Harper	
												IA-524582223	
BROUGHT FORWARD			9-25-93		0.7	hours	8 qt average		15-50		Hobbs 791.9 [illegible]		
TOTALS													

Annual + 100hr Insp

ENGINE LOG

R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Feb 16	1994			Hobbs	8.5 - 810.0 hr							(A.T)
					Compr #1	74/80 #2	74/80 #3	72/80	#4 72/80	#5 70/80 #6 72/80		
					Cleaned + Gapped					Spark Plugs, Ch mag Timing		
					on 20° BTC. Removed Alternator, Installed							
					Rebuilt	4LX 9425 Ech, See Yellow Tag.						
					Serial Dip Stick Tube Ass. Retorqued							
					Turbo Clamps. Cleaned All Inj Nozzls							
					+ Torqd At 60 Hr. Cleaned That Bad							
					Screens + Gasketore. Changed Eng oil							
					+ Filter, Serviced with 7QTS Phillips 20/50							
					+ Installed an Ch 48108 oil Filter. Cut							
					oil Filter open No metal Found. Bottom							
					This Eng has Been Given An 100hr/Annual							
					Insp Inclu Bat + Current Ads & is							
					Approved for Return To Service.							
BROUGHT FORWARD TOTALS		11/5/94		1400hrs-	251.4	oil change		7qt Aeroshell 15-50				

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.			
June 26, 1995											TACH/Hobbs Time = 873.2 hrs		
											Comp #1 79/80 #2 68/80 #3 79/80 #4 79/80 #5 79/80 #6 69/80 Hot		
											Cleaned + Gaped all Spark Plugs Removed		
											Both Slick Mags, Checked Impulse Couplers		
											Replaced 2 Ea m3006 Drive End Bags, Replaced		
											2 m-3485 Bag-Conv Kit Point End, Replaced		
											Both m3062 Seals, Replaced Both m3081		
											Point Kits, Replaced Both m3215 Carbon Dist		
											Brushs, Set E Gap, Lubed + Cleaned Dist Block		
											Reinstalled Both mags + Timed To Eng Spec		
											All work Done Jaw - Slick overhaul manual -		
											Installed New Pres Relief Valve Spring - Changed		
											Eng Oil + Filter Serviced with 79T Aero Shell #50		
											Cut Filter, No metal Found. No AD's on Slick mags By S.N.		
											- Cont next pg -		
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.			
Cont	From		Prev	PG -		Removed	Ex	Pipe + Ch	TURBO	Blades +			
						BAG.	Cleaned	All	~~Fuel~~	FN Jector	Nozzles		
						+	Replaced	O-RING +	FLAT	WASHER.			
	See	AD				Checked	ENG +	BAFFLES +	REPAIRED	AS NEEDED.			
	LIST	Reqd	OF			I	CERTIFY	THIS	ENG	HAS	BEEN	GIVEN	
	THIS	LOG				AN	100 Hr/ANNUAL	INSP	IAW	CURRENT			
						F.A.R's	AIS	APPROVED	FOR	RETURN	TO	Service	
												[illegible]	
												IA 5045 6733	
1/24/96	4600		953.0	Oil change		Aircraft	on	stand					
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.			
1-31-96			938.8								C/W Mooney S.I. M20-80 Installed new oil + fuel resistant rubber clamps on turbo hose + check valves also in accordance with TCM S.B. M87-14.		
											Larry J. Jenschke A&P 46-1250405		
		1545.0											
2-7-96	HOBBS ~~938.8~~										Installed new champion spark plugs RHM38E. Removed and reinstalled Turbo after overhaul by "Bert" CAS. Removed, repaired and reinstalled stabilizer. Eng. run appears check OKAY. See SYNAPTIC AVIATION W.O. 1275. Scott V. Dodly A&P 318-54-2176.		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE 96	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
4-14		929.0			Installed 6 ea new cylinder Assy w/new rocker shafts & serviceable rocker arms Change to Shell 100 W.D. oil for breakin and test flew for breakin for 35 minutes								
											Lakeland Skylog Repair Station NT3R722U		
											Paul E Loewen		
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.			

LOG BOOK ATTACH DATE: 4-24-96 N# 57055
AIRFRAME / ENGINE / PROPELLER / POSITION #1 - #2
MAKE: MOONEY MODEL: 231 SN: M-20 K25-0784
TACH: HOUR METER: 993.5 WO# 1386
DYNAMICALLY BALANCED PROPELLER PER FAA APPROVED PROCEDURES IN "CHADWICK-HELMUTH" PUBLICATION #AW-9511-2, ENTITLED, "THE SMOOTH PROPELLER". FINAL AMPLITUDE IN "IPS" (INCHES PER SECOND) .03.
AMOUNT OF WEIGHT ADDED IN GRAMS, 18.2 @ 310° AND
— @ — GROUND RUN OPERATIONAL CHECK OKAY.
SIGNATURE: Jerrell P. Bailey A&P: 1475897
SYNAPTIC AVIATION, INC. ADDISON AIRPORT 214 392-7555

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.			
6/8/96									1007.1				
Changed oil and filter. Serviced with Aeroshell 50W ut. mineral oil PL Check in. Put Reg oil in at next change. Installed JPI piggy back probe for factory CHT (non-REB) + Cyl. on cyls and test. Check out. Sec No. 1442 Scott V. Scott											A&P 318 342176 SYNAPTIC AVIATION INC.		

LOG BOOK ATTACH DATE: 5-24-96 N# 57055

AIRFRAME / (ENGINE) / PROPELLER / POSITION #1 - #2

MAKE: Mooney MODEL: 231 SN: M20K25-0114

TACH: HOUR METER: 1002.0 WO# 1428

WORK DESCRIPTION: Removed & Replaced Engine Intake Hoses & Gaskets - Removed & Installed New CHT Probes on #3 & #5 Cylinders - Ops Checked Good

BROUG

SIGNATURE: A&P: 1927124

SYNAPTIC AVIATION, INC. ADDISON AIRPORT 214 392-7555

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.			
7/5/96	TACH/Hrs		1010.9								Completed inspection per check list. Performed diff. comp. test		
											Cleaned Fuel screen and Nozzles. Replaced induction filter.		
											Cleaned and regapped spark plugs.		
											I CERTIFY THAT THIS Enterprise HAS BEEN INSPECTED IN ACCORDANCE WITH A annual INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. SEE W.O. 1493 DATE: 7/5/96 SIGNED: Scott V. Hoodley CERT. NO.: IA 3R5423 76		
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.			

LOG ATTACH FOR N : 57055 DATE : 08/01/1996 MAKE : MOONEY
MODEL : 231 SERIAL # : M20K250784 WO. # : 1493 /X ENGINE X\
TOTAL TIME : 1010.9
RETOUREQUED OIL COOLER BOLT'S , INSTALLED NEW MIL 600-6 HOSE
ON OIL DIPSTICK AND REPOSITIONED SAME . INSTALLED NEW OIL
TEMP BULB . GROUND OP'S CHECK PERFORMED AND PASSED THIS DATE
PER MOONEY MAINT. MANUAL
KURT A. MUELLER A&P # 460435373
SYNAPTIC AVIATION INC. , DALLAS , TEXAS , (214) 392-7555
LOG BOOK ATTACH FOR N57055 DATE:10/08/1996 /ENGINE\ MAKE:
MONEY MODEL:M20K SN:25-0784 HOBB'S TIME:11064.1 WO#:1575
INSTALLED NEW CH. 48108 OIL FILTER AND 9 QT'S AREOSHELL
15W/50. INSTALLED OVERHAULED ALTERNATOR FROM ELECTROSYSTEM'S
PN:ALX9425B SN#:6073737 GROUND OP'S CHECK GOOD NO LEAK'S SEE
WORK ORDER FOR FURTHER DETAIL'S
KURT A. MUELLER A&P#460435373
SYNAPTIC AVIATION /ALL AMERICAN AVIATION DALLAS TEXAS,(972)
392-7555

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.			

LOG BOOK ATTACH DATE: 10/23/96 N# 57055

AIRFRAME ___ (ENGINE) ___ PROPELLER ___ POSITION #1 ___ #2 ___

MAKE: CONTINENTAL MODEL: TSIO 360 LB(1) SN: 316004

TACH: — HOUR METER: 1068.4 WO# 1633

WORK DESCRIPTION: CHECKED DRY LIFTER CLEARANCES. ALL WITHIN MANUF. LIMITS. CLEANED OIL FROM INDUCTION SYSTEM, INTERCOOLER & UPPER DECK AIR LINES. CLEANED INJECTOR NOZZLES. CLEANED, GAPPED & ROTATED SPARK PLUGS. REMOVED & REINSTALLED TURBOCHARGER AFTER INSPECTION BY BELA'S ACFT. INSTALLED NEW GASKETS ON 2 TURBOCHARGER EXHAUST CONNECTIONS. REMOVED, CLEANED & REINSTALLED OIL CHECK VALVES TO TURBOCHARGER. RECOMMEND OWNER TEST FLY & REINSPECT INDUCTION SYSTEM FOR OIL.

SIGNATURE: [illegible] A&P: 456-58-8912

ALL AMERICAN AVIATION ADDISON AIRPORT 972 392-7555

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.			

LOG BOOK ATTACH DATE: 10-21-96 N# 57055

AIRFRAME ___ ENGINE ✓ PROPELLER ___ POSITION #1 ___ #2 ___

MAKE: MOONEY MODEL: 231 SN: M20K 0784

TACH: ___ HOUR METER: 1068.4 WO# ___

WORK DESCRIPTION:

INSTALLED AN ENGINE WINTERIZATION KIT NO. 501 (MOONEY) IN ACCORDANCE WITH MOONEY DRAWING NO. 940056.

SIGNATURE: Merrill P. Baltzley A&P: 1475897

ALL AMERICAN AVIATION ADDISON AIRPORT 972 392-7555

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.			
12/10/86	Hm.		1094.3			Changed oil & filter. Serviced with AS15W50. Took							
sample for analysis. Tested oil pressure and cleaned relief valve - installed new													
spring. Removed turbo. for inspection. of oil in induction system. Cleaned filter screen													
for oil. Hrs. run oppos. Check OMX W.O. 1690. Scott V. Goodly													
AOP 318542176			AIR AMERICAN AVIATION										
BROUGHT FORWARD													
TOTALS													

DATE	R.P / Ground
BROUGHT FORW	
TOTA	

LICENSE NUMBER

DATE: 6-20-97 TACH: 1122.0 FILLED UNDER W.O. # 45456 & 45485

TSN 1122.0 FACTORY NEW EXTRADERS INSTALLED AT 979.0. ENGINE WAS REMOVED FROM AIRFRAME FOR PROP STRIKE INSPECTION. ALL PARTS CLEANED & VISUALLY INSPECTED FOR DAMAGED. FERROUS PARTS WERE MAGNAFLUXED AND NON-FERROUS PARTS WERE DYE CHECKED. CONNECTING RODS AND CAM WERE RECONDITIONED BY AIRCRAFT SPECIALTIES SERVICES (SEE TAG). CRANK CASE WAS RE-CONDITIONED BY DIVCO, INC. (SEE TAG). PISTONS REMOVED FROM CYLINDERS, CLEANED AND WEIGHED AND MATCHED WITHIN FACTORY SPECS. CYLINDERS WERE HONED AND PISTONS REIN-STALLED WITH NEW RINGS. ENGINE INSTALLED WITH THE FOLLOWING NEW PARTS: FACTORY NEW CRANKSHAFT AND COUNTER WEIGHT ASSY., P/N 653129, S/N C049701N, ROD BOLTS, NUTS AND COTTER PINS, ROD BEARINGS, THRUST BEARINGS, MAIN BEARINGS, CRANKSHAFT GEAR BOLTS, CAM GEAR BOLTS AND WOODRUFF KEY, LIFTERS, MAG CUSHIONS, OIL PRESSURE RELIEF SPRING, SCAVENGER PUMP WOODRUFF KEY, PISTON RING SET AND OVERHAUL GASKET SET. OIL PRESSURE PUMP AND SCAVENGE PUMP.- DIMENSIONALLY CHECKED AND FOUND IN FACTORY NEW LIMITS. NEW SLE HOUSING AND DRIVE GEAR INSTALLED ON ALTERNATOR. ALL WORK DONE IAW P/N X30596A OVERHAUL MANUAL AND APPLICABLE SERVICE BULLETINS. ENGINE INSTALLED IN AIRFRAME AND SERVICED WITH ASSOWT NON-DETERGENT. GROUND RAN FOR OPS CHECK AND LEAK CHECKS. ADJUSTED IDLE MIXTUR

THIS WORK CONSTITUTES A MAJOR OVERHAUL ON THE CRANKCASE ASSY.

DAVID WHEELER
AB2R684K

HORTON AERO SERVICE INC.
915 EAST KENT ROAD LUBBOCK TX 79403

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.			
											Date 6-19-97 Total Time to Date 1122.00		
											"I certify that this our aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition."		
											[signature]		
											FAR REPAIR STATION NO. [illegible] HORTON AERO SERVICE INC 833 E. KENT ROAD LUBBOCK TX 79408		
			other items list W/O 45523, 24										
											DIFFERENTIAL PRESSURE CHECK CYLINDERS /80		
											#1 70 #3 70 #5 71 #7		
											#2 68 #4 67 #6 65 #8		
											Repaired crack in LH front lighting, replace knocked to cabin heat. Reseal primer solenoid.		
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
	N5705										NEW MAGS, RIGHT/LEFT		
	7-21-9										NSTALLED PROP GOVERNOR		
	POSITI										NY CRS. (SEE FORM		
	OVERHA										ON AT ALTERNATOR. ALL		
	8130-3										'H CONTINENTAL OVERHAUL		
	WORK W.										GINE RUN PERFORMED. NO		
	MANUAL										~~ED~~ ~~SEE~~ ALL AMERICAN		
	DEFECTS										Bill ~~463~~694958AP		
	AVIATIO												
	7/30/97										Serviced with Byte Aero Shell		
											Oil. Run lock check OK.		
											Visual inspect engine		
											...ian Aviation. Scott V. Hoadley		
BROUGHT FORWARD													
TOTALS													

NEW MAGS 1130.7
O/H PROP GOV.

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICEN NUMB
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
N57055 - POWERPLANT ENTRY 7-21-97 TACH: 1130.7 INSTALLED NEW MAGS, RIGHT/LEFT POSITION, AND TIMED TO ENGINE. INSTALLED PROP GOVERNOR OVERHAULED BY WOODWARD GOVERNOR COMPANY CRS. (SEE FORM 8130-3). REPAIRED TERMINAL CONNECTION AT ALTERNATOR. ALL WORK WAS PERFORMED IN ACCORDANCE WITH CONTINENTAL OVERHAUL MANUAL AND MOONEY SERVICE MANUAL. ENGINE RUN PERFORMED. NO DEFECTS OR LEAKS NOTED AT THIS TIME. SEE ALL AMERICAN AVIATION W.O. # 1895. BRIAN GORDON 463694958AP														
7/30/97		1151.5									Changed oil & filter. Serviced with 8 qts Aero Shell 50 lt winter oil. Std. Run leak check OK. Retorqued Rocker screws. Visual inspect engine. See WO 1930 All American Aviation. Scott V. Hoodley A&P 328542176		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

MAINTENANCE RECORD ENTRY

A/C REG.: N57055 A/C M/NL # N20K A/C S/N: 25-0784

DATE: 10/17/17 TACH: 1213.0 W/O NO: 8195

Performed oil & filter change Inspected filter & screen no contamination noted Installed new filter & screw with new gasket, torqued & safetied each filled with 8 qts Phillips 20W50XC Ground run leak checked no leaks noted

SIGNED/TITLE: Nick & Pete Inspector

EAST COAST AVIATION, FAA CRS# EA6R508N
HANGAR 2, HANSCOM FIELD, BEDFORD, MA 01730

ADJUSTMENTS	SIGNATURE	LICENSE NUMBER

LOG BOOK ATTACH DATE: 11-10-97 N# 57055

AIRFRAME NA ENGINE ✓ PROPELLER NA POSITION #1 ✓ ~~#2 NA~~

MAKE: Mooney MODEL: M20K SN: 25-0784

TACH: NA HOUR METER: 1227.9 WO# 2027

WORK DESCRIPTION: Removed & Cleaned Plugs, Checked ignition Leads, Replaced Blast Tube on engine, Adjusted Fuel Pressure, Repaired Hole in induction Pipe. Installed New heat Pad on Oil Sump, Tighten screws in Rocker Arm covers.

SIGNATURE: Lewis R. Harris A&P: 456665955

ALL AMERICAN AVIATION ADDISON AIRPORT 972 392-7555

LOG BOOK ATTACH DATE: 11-10-97 N# 57055

AIRFRAME NA ENGINE NA PROPELLER ✓ POSITION #1 ✓ ~~#2~~

MAKE: Mooney MODEL: M20K SN: 25-0784

TACH: NA HOUR METER: 1227.9 WO# 2027

WORK DESCRIPTION: Installed Hot Prop Kit with Brushes, mounting Bracket, Slip Ring, and All attaching Hardware and Electrical leads.

SIGNATURE: Lewis R. Harris A&P: 456665955

ALL AMERICAN AVIATION ADDISON AIRPORT 972 392-7555

DATE

LICENSE NUMBER

BRO

LOG BOOK ATTACH DATE: 11-2-97 N# 57055

AIRFRAME / ENGINE / PROPELLER X / POSITION #1 - #2

MAKE: Mooney MODEL: M20K SN: 25-0284

TACH: NA HOUR METER: 12279 WO# 2027

DYNAMICALLY BALANCED PROPELLER PER FAA APPROVED PROCEDURES IN "CHADWICK-HELMUTH" PUBLICATION #AW-9511-2, ENTITLED, "THE SMOOTH PROPELLER". FINAL AMPLITUDE IN "IPS" (INCHES PER SECOND) 0.08.

AMOUNT OF WEIGHT ADDED IN GRAMS, None @ NA AND NA @ NA. GROUND RUN OPERATIONAL CHECK OKAY.

SIGNATURE: Jennie R. Harris A&P: 456665955

ALL AMERICAN AVIATION ADDISON AIRPORT 972 392-7555

LICENSE NUMBER

BROUGHT FORWARD												
TOTALS												

1/2/93 N 57055 Cleaned, inspected, gapped and tested spark plugs. Replaced one spark plug with new RHM 38E Champion. Reinstalled spark plugs. Run up checks good. Battery removed, charged, serviced and reinstalled.

Steward J. Beck

General Aviation Services, Inc.
L. P. Henderson Rd.
Beverly, MA 01915
F.A.A. Repair Station No. G2AR142W

'NE LOG

TAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
s.	Min.			

BROUGHT FORWARD			
TOTALS			

N57055
Powerplant Records

February 25, 1998 Tach Time: 1255.1
Installed GAMI Injectors in accordance with STC SE09401SC, see form 337 dated 2/25/98.

Raymond Lawless
R. Lawless
A&P 026447598

Eastern Air Center
209 Access Road
Norwood Airport
Norwood, MA 02062

MEMORANDA

DATE	
	A.D. 92-04-09 N/A BY DATE OF CYL ASS. + S.B. AM92-4 Rev 1
	88-03-06 NA 91-19-03 NA BY OIL FILTER INSTALLED
	F13-10-02 NA BY DATE OF ENG +
	CY P.N TM 646282 INSTALLED I.A. 524582723
	A.D. 95-21-15 N/A BY FUEL USED I A 524582723