

Mooney M20E

Serial No. 995

Propeller Model HC-C2YK-1BF, Blade F7666A-2

Hub Serial #:CH435, Blade Serial#: C59384 & C59406

Tail No. N1234K

Date	AD's	Maintenance Performed	Maintenance Performed by	Aircraft One	Aircraft Two	Engine	Propeller	Tach Time	Eng Time	Airframe Time	Propeller Time
1/27/66		Production flight test, airworthiness check	C.L. Lane, Mooney	X							
1/31/66		Certificate of Airworthiness issued	Thomas D. Webb	X							
4/29/66		50 hour manual airworthiness inspection	Kenneth R. Epperson	X				42.42			
8/17/66		Annual Inspection	Philip A. Wright, Albany, OR	X				108.60			
8/17/66	X	AD 66-01 through 66-18 completed	Philip A. Wright, Albany, OR	X				108.60			
9/1/67		Annual Inspection	Douglas B. Foorson	X				208.90			
9/1/67		Reline brakes	Douglas B. Foorson	X				208.90			
10/5/68		Annual Inspection	Warren W. Welch	X				319.40			
10/5/68		Cleaned and repainted battery box	Warren W. Welch	X				319.40			
10/5/68	X	Checked all AD's to date	Warren W. Welch	X				319.40			
9/4/69		Install new EGT probe	James R. Keirthley	X				424.10			
10/10/69		Annual Inspection	Warren W. Welch	X				444.72			
4/30/71		Special flight permit for annual inspection	James W. Show, Ontario, OR	X							
5/21/71		Annual Inspection	James W. Show, Ontario, OR	X				524.00			
6/15/72		Install Narco Escort 110	Warren W. Welch	X				608.06			
6/15/72		Install AT-50 Transponder	Warren W. Welch	X				608.06			
8/10/73		Annual Inspection	David L. Kipper, Ontario, OR	X				859.00			
8/11/73	X	Check AD's through 73-10	David L. Kipper, Ontario, OR	X				859.00			
8/12/73		Install new tires	David L. Kipper, Ontario, OR	X				859.00			
8/13/73		Install new brake lines	David L. Kipper, Ontario, OR	X				859.00			
10/19/73		Air up tires	David L. Kipper, Ontario, OR	X				909.00			
10/19/73		Clean battery terminals	David L. Kipper, Ontario, OR	X				909.00			
9/6/74		Annual Inspection	David L. Kipper, Ontario, OR	X				1018.00			
9/6/74		Tighten generator belt	David L. Kipper, Ontario, OR	X				1018.00			
9/6/74		Install new insulators #1 & #2 spark plug wires	David L. Kipper, Ontario, OR	X				1018.00			
9/6/74		New seals #4 intake pipe	David L. Kipper, Ontario, OR	X				1018.00			
9/6/74		Tighten cowl flap controls	David L. Kipper, Ontario, OR	X				1018.00			
9/6/74		Repaired skin under left stabilizer	David L. Kipper, Ontario, OR	X				1018.00			
9/6/74		Cleaned battery box	David L. Kipper, Ontario, OR	X				1018.00			
9/6/74		Change battery	David L. Kipper, Ontario, OR	X				1018.00			
9/6/74		Install new brake blocks both wheels	David L. Kipper, Ontario, OR	X				1018.00			
9/6/74		Tighten mixture control at instrument panel	David L. Kipper, Ontario, OR	X				1018.00			
8/22/75	X	Overhaul Propeller, Dye Pen, Track and Balance, AD 75-07-05	Western Skyways				X				
10/6/75		Annual Inspection	David L. Kipper, Ontario, OR	X				1106.00			
10/6/75		Gear retraction run, gear lubricated	David L. Kipper, Ontario, OR	X				1106.00			
10/6/75	X	Checked all AD's to date	David L. Kipper, Ontario, OR	X				1106.00			
3/26/76		Cleaned fuel & inspection pump strainers; insp. nozzles	David L. Kipper, Ontario, OR	X				1118.25			
8/5/76		Install Narco @ Station 106 ELT S/N 54567	S.L. Grunuard, Boise, ID	X				1149.00			
8/5/76		Annual Inspection	S.L. Grunuard, Boise, ID	X				1149.00			
8/5/76		Oil Change, Engine Wash	S.L. Grunuard, Boise, ID	X				1149.00			
8/5/76	X	AD 76-07-12 part 3	S.L. Grunuard, Boise, ID	X				1149.00			
8/5/76	X	AD 73-21-1	S.L. Grunuard, Boise, ID	X				1149.00			
8/5/76	X	AD 75-09-08	S.L. Grunuard, Boise, ID	X				1149.00			
4/22/77		Change battery	George Mendenbach	X				1196.90			
4/22/77		Check main gear wheel bearings	George Mendenbach	X				1196.90			
6/20/78		Replaced brake seal left brake, bled both brakes	Paul J. Welch	X				1266.57			
9/26/79		Annual Inspection	Robert S. Chamberlin	X				1511.00			
9/26/79		Aircraft cleaned	Robert S. Chamberlin	X				1511.00			
9/26/79		Wheel bearings cleaned and lubricated	Robert S. Chamberlin	X				1511.00			

9/26/79	Reline brakes	Robert S. Chamberlin	X					1511.00
9/26/79	Hydraulic system filled and lines bled	Robert S. Chamberlin	X					1511.00
9/26/79	Battery serviced	Robert S. Chamberlin	X					1511.00
9/26/79	New bulbs and motor in rotating beacon	Robert S. Chamberlin	X					1511.00
9/26/79	Install ELT Battery P/N 11-17945 NARCO BP-100	Robert S. Chamberlin	X					1511.00
9/26/79 X	AD 77-18-1 New oil cooler	Robert S. Chamberlin	X					1511.00
9/26/79	New lock in baggage door	Robert S. Chamberlin	X					1511.00
9/26/79	New switch in dome light	Robert S. Chamberlin	X					1511.00
9/26/79	Pitot heads cleaned	Robert S. Chamberlin	X					1511.00
9/26/79 X	AD 77-17-4	Robert S. Chamberlin	X					1511.00
9/26/79 X	Checked all AD's to date	Robert S. Chamberlin	X					1511.00
12/9/79	Replace bolt in nose gear steering, lube fittings	R. Gobels	X					1604.51
1/24/80	Replace aux fuel pump with overhauled unit	R. Gobels	X					1656.00
7/25/80	Serviced tires	Jaime A. Carreon	X					1756.02
7/25/80	Greased landing gear	Jaime A. Carreon	X					1756.02
4/20/81	Replaced Autopilot rate gyro P/N 35-6847 S/N 40965	Bradley R. Power	X					1906.00
4/20/81	Rebushed nose gear, grease all gear fittings	Bradley R. Power	X					1906.00
10/26/81	Reline brakes		X					2078.00
10/26/81	Service hydraulic reservoir		X					2078.00
12/10/81	Overhaul left wheel brake cyclinder	R. Sewensen	X					2121.10
12/10/81	Bleed Air from barake and flap systems	R. Sewensen	X					2121.10
12/10/81	Install new prop spinner	R. Sewensen	X					2121.10
12/10/81	Install new hose to fuel pressure gauge	R. Sewensen	X					2121.10
12/10/81	clean orafice in manifold pressure gauge	R. Sewensen	X					2121.10
12/10/81	lubed all points on engine control system	R. Sewensen	X					2121.10
12/10/81	lubed all points on airframe and landing gear system	R. Sewensen	X					2121.10
12/10/81	packed all wheel bearings	R. Sewensen	X					2121.10
12/10/81	landing gear retraction test	R. Sewensen	X					2121.10
12/10/81	new elt battery, elt tested	R. Sewensen	X					2121.10
12/10/81	cleaned fuel strainer	R. Sewensen	X					2121.10
12/10/81	battery and battery box serviced	R. Sewensen	X					2121.10
12/10/81	engine, airframe & belly cleaning	R. Sewensen	X					2121.10
9/17/82	replaced pitot tube, removed mag compass for service	Purdy	X					2291.00
2/27/86	Installed new battery	Arnold	X					2294.00
2/27/86	Replaced brake pads both mains	Arnold	X					2294.00
3/20/86	Overhaul Proller, , Roll 2 Blades, S/I 144 Complied with	El Paso Propeller			X			
5/21/86	Engine overhaul and all AD's complied with	R. Chamberlin			X			-2960.00
10/1/86	A/C stripped & repainted with Emron #AC144775, 75020, 7455	Purdy	X					2421.60
10/1/86	Replace carpet and fabric interior	Purdy	X					2421.60
10/1/86	Install new tires	Purdy	X					2421.60
10/1/86	repack main wheel bearings	Purdy	X					2421.60
10/1/86	install and pack new nose wheel bearings	Purdy	X					2421.60
10/1/86	replace all brake pads	Purdy	X					2421.60
10/1/86	install new elt battery	Purdy	X					2421.60
10/1/86	replace rubber boot on step retraction system	Purdy	X					2421.60
10/1/86	Propeller Overhaul (see yellow tag)	Purdy	X					2421.60
10/1/86	replace rubber boot on step retraction system	Purdy	X					2421.60
12/2/86	Remove complete fule system, throttle body, injector & lines, rebuild and install	Gary Purdy			X			2420.89
12/2/86	Removed exhaust system, pressure checked muffler, replaced w/blow proof gaskets	Gary Purdy			X			2420.89
1/1/87	install kit M20-188-1 & M20-188-2A to comply w/ SB M20-188A	Purdy	X					
1/1/87 X	Inspection of motor mounts IAW 75-09-08, no cracks	Gary Purdy			X			
1/20/87	replace ADF antenna	Purdy	X					
2/25/87	Engine top overhaul - comply L-1995-51-A				X			
3/1/87	replace gyro air filter 1J7-1	Purdy	X					
5/21/87	Instalated blind encoder P120P2-T S/N 34986	L Banon, Basin Aviation	X					2443.00
5/28/87	Removed and serviced both radios, exchanged splitter	L Banon, Basin Aviation	X					2443.00
5/29/87	removed pilots altimeter, replaced with altimeter 5934P-1A83 S/N 1E423	L Banon, Basin Aviation	X					2443.00
5/29/87	Tested Static Pressure System, Alt and Blind Altimeter	L Banon, Basin Aviation	X					2443.00
5/29/87	AT50 Narco Transponder check	L Banon, Basin Aviation	X					2444.00

6/5/87	X	Annual inspection, repack bearings, brake linings, retraction test, AD's complete	Pliska	X		2445.00		
6/22/88	X	Annual Inspection, AD's complete	Pliska	X		2489.00		
7/12/89	X	Annual Inspection, AD's complete	Pliska	X		2597.00		
6/1/90		100 Hour Inspection	Gary Purdy	X		2631.00		
6/1/90		ELT Battery Replaced, gear retraction test	Gary Purdy	X		2631.00		
6/1/90		Annual Inspection	J Dunn	X		2631.00	141.47	2631
6/1/90		Replace Oil Cooler and Induction Hoses	Gary Purdy		X		141.00	2631
6/1/90		Changed oil and filter	Gary Purdy		X		141.00	2631
6/1/90		Replaced four bottom plugs, remove, clean and gap top plugs	Gary Purdy		X		141.00	2631
6/1/90		Replaced Brake lines	Gary Purdy		X		141.00	2631
6/10/90		Installed new recording tach	J Dunn	X		0.00		
6/13/91		Annual Inspection	J Dunn	X		79.00		2710
6/13/91		100HR Inspeccion	Gary Purdy	X		179.00		
6/13/91		100 Hour Engine Inspection	J Dunn		X	2710.00		
10/28/91		Propeller AD complied with and Overhaul	Purdy		X			
11/12/91		Magneto Overhaul, S/N K129101ER	Teledyne		X			
11/13/91		Propeller Overhaul (see yellow tag)	Gary Purdy	X				
11/13/91	X	Overhaul Proppler to comply with AD77-12-06	El Paso Propeller					2840
1/29/92		Replace Left Magneto (overhaul tag)			X		326.54	
7/3/92		100 Hour Engine Inspection	Purdy		X		415.00	2840
7/13/92		Annual Inspection	J Dunn	X		2840.00	415.00	2840
7/28/92		Install Altimeter System STC # 04714193-2	J Dunn	X				
12/3/92		Checked blind encoding altimeter	L Banon, Basin Aviation	X				
12/3/92		Checked pilots altimeter	L Banon, Basin Aviation	X				
12/3/92		Installed Narco MBT-12 marker Beacon	L Banon, Basin Aviation	X				
12/3/92		Installed King KX155 with KI-208	L Banon, Basin Aviation	X				
12/3/92		Removed Narco Mark 12-A	L Banon, Basin Aviation	X				
12/3/92		AT50 Narco Transponder check	L Banon, Basin Aviation	X				
1/4/93		Change Oil & Filter	White		X		435.35	
8/1/93		Annual Inspeccion	J Dunn	X		2905.00	490.00	2905
8/1/93		100 Hour Engine Inspection	Purdy		X		490.00	
9/1/94		Annual Inspection	J Dunn	X		120.00	0.00	2960
9/1/94		100 Hour Engine Inspection	Purdy		X		545.00	2960
9/1/94		Remove Engine and Complete Major Overhaul	Purdy		X		0.00	2960
9/1/94	X	AD 91-14-22 Complied With	Purdy		X		0.00	2960
9/1/94	X	SB 475B & 456F Complied with	Purdy		X		0.00	2960
9/1/94	X	AD 94-01-03 Complied With	Purdy		X		0.00	2960
3/30/95	X	Removed bad rod bolts and shipped to machine shop, Complied with AD 95-07-01	Purdy		X		9.00	2969
10/1/95		Annual Inspeccion (tach should be 370)	J Dunn	X		149.00	32.00	3001
10/1/95		100 Hour Engine Inspection	Purdy		X	549.00	32.00	3001
10/1/96		Annual Inspeccion (tach should be 527, engine 198)	J Dunn	X		706.00	157.00	3158
10/1/96		100 Hour Engine Inspection	Purdy		X	706.00	157.00	3158
10/1/96		3 New tires, OH Hyd Pump, New Plugs	Purdy		X	810.00	261.00	3262
4/10/97	X	Remove to comply with Motor Mount Directives AD M20-175, M20-192, 81-18-04-22, 852403	Gary Purdy		X	2425.00	0.00	
10/15/97		Annual Inspection (tach should be 631, engine 302)	J Dunn	X		810.00	261.00	3262
10/15/97		100 Hour Engine Inspection	Purdy		X	810.00	261.00	3262
4/1/98		Install new air intake baffle, 4 new rubber rocker rocker covers, eng wash	Gary Purdy	X				
4/1/98		Install three new tires	Gary Purdy	X				
4/1/98		Transponder check on AT-50	Advanced Avionics, ELP	X				
4/1/98		FAR 61.413 Check, Transponder and Encoder			X			
10/1/98		Annual Inspection	J Dunn	X				
10/1/98		Install new ELT Battery	Purdy	X				
10/1/98		OI cooler removed, rebuilt, installed	Purdy	X				
10/1/98		Rebuilt Oil Cooler, ELT Batt, New Acft Batt, Air Element Change, Exhaust Check	Purdy		X			
11/1/98		100 Hour Inspection	Gary Purdy	X		912.00	362.00	3364
11/1/98		100 Hour Engine Inspection	Purdy		X			
11/1/99		100 Hour Engine Inspection	Purdy		X			
3/15/00	X	Complied with AD 98-24-11 Aileron Control Links S/N:031500-5622 & 5621	Lake Aero Styling	X				
4/1/00		Annual Inspection	C Wilson	X		936.00	387.00	3649

4/1/00	ELT Test	C Wilson	X		936.00	387.00	3649
4/1/00 X	All AD's complied with per compliance report	C Wilson	X		936.00	387.00	3649
4/1/00	Annual Inspection of Airframe and Engine	Wilson		X	936.00	387.00	3649
10/30/00	Resealed left main brake, bleed brakes, bleed flaps	Purdy	X				
10/30/00	Changed inlet line to flap hand pump	Purdy	X				
2/1/01	Resealed right main brake, bleed brakes	Purdy	X				
2/15/01	Complied with SB M20-202 w/ SB20-202-3 spacer under 510027 Collar	Purdy	X				
2/15/01	New Nose gear tire, check landing gear	Purdy	X				
5/5/01	100 Hour Engine Inspection	Purdy		X	955.00	406.00	3668
6/1/01	Annual Inspection	C Wilson	X		937.70		3389
6/1/01	ELT Test	C Wilson	X		937.70		3389
6/1/01 X	All AD's complied with per compliance report	C Wilson	X		937.70		3389
6/1/01	Annual Inspection of Engine and Propeller	Wilson		X	938.00		3389
11/1/01	Propeller Governor Removed and Overhaul	Santa Monica Propeller		X			
11/1/01	Replaced Vaccum Pump	Purdy		X			
8/12/02	Annual Inspection	C Wilson	X		1001.20		3453
8/12/02	Annual Inspection of Aircraft	Wilson		X	1001.20	442.00	3453
8/12/03	Annual Engine & Propeller Inspection	Wilson		X	1042.35	492.65	3494
8/14/03	Install New Electric Fuel Pump			X			
8/15/03	Annual Inspection	C Wilson	X			492.65	3494
8/15/03	ELT Test	C Wilson	X			492.65	3494
8/15/03 X	All AD's complied with per compliance report (engine should be 534.0)	C Wilson	X			492.65	3494
10/16/03	New narco BP1010 battery 2year, New Voltage Regulator			X			
11/12/03	Transponder compliance with FAR 91.413, FAR 91.217	Advanced Avionics, ELP		X			
11/12/03	Altimeter compliance with FAR 91.411.	Advanced Avionics, ELP		X			
11/13/03	Install Voltage Regulator P/N 625-61623, S/N 11933	Chris McGilvra		X			
11/13/03	Install ELT Battery P/N 11-17945 NARCO BP-100	Chris McGilvra		X			
11/13/03	Install 2 Windshields P/N 134 GT	Chris McGilvra		X			
11/13/03	Install 2 Instrument switches (rheostat) P/N RHS25R	Chris McGilvra		X			
1/9/04	Oil Change, Engine Wash	Bob Kern, 5T6		X	1052.10	593.70	3495 644
1/9/04	Alternator Belt Replaced	Bob Kern, 5T6		X	1052.10	593.70	3495 644
1/9/04	Propeller Hub Gasket Replaced	Bob Kern, 5T6		X	1052.10	593.70	3495 644
1/9/04	Alternator Removed and Rebuilt	Bob Kern, 5T6		X	1052.10	593.70	3495 644
1/9/04	Lightweight Starter Installed	Bob Kern, 5T6		X	1052.10	593.70	3495 644
1/9/04	Intercom Installed	Bob Kern, 5T6		X	1052.10	593.70	3495 644
1/9/04	Braided Brake Lines in wheel wells replaced	Bob Kern, 5T6		X	1052.10	593.70	3495 644
1/9/04	Brake caliper gaskets replaced	Bob Kern, 5T6		X	1052.10	593.70	3495 644
1/9/04	Brake pads replaced	Bob Kern, 5T6		X	1052.10	593.70	3495 644
1/9/04	Rotating Beacon removed, replaced with TSO red strobe	Bob Kern, 5T6		X	1052.10	593.70	3495 644
1/31/04	Oil Change, Engine Wash	Bob Kern, 5T6		X	1101.66	643.26	3545 713
1/31/04	Air Filter cleaning	Bob Kern, 5T6		X	1101.66	643.26	3545 713
1/31/04	Battery check	Bob Kern, 5T6		X	1101.66	643.26	3545 713
2/25/04	Nose landing gear "A" frame remove, replace.	Bob Kern, 5T6		X	1126.00	667.60	3568 728
2/25/04	Steering bushing STC - oversized bushing installed, nose wheel bearing greased, nose gear steering linkage	Bob Kern, 5T6		X	1126.00	667.60	3568 728
3/4/04	Oil Change, Engine Wash, Air Filter Cleaning, Battery Check.	Bob Kern, 5T6		X	1147.99	689.59	3590 760
4/9/04	Oil Change, Engine Wash, Air Filter Cleaning, Battery Check.	Bob Kern, 5T6		X	1196.67	738.27	3640 808
5/25/04	Clean Air Filter, Remove-Replace and Install Fuel Servo S/N 11304/38 P/N 2524054-11	Bob Kern, 5T6		X	1223.64	765.24	3667 835
5/25/04	Remove and Replace Mixture and Throttle Control Cable & Fuel control Servo	Bob Kern, 5T6		X	1223.64	765.24	3667 835
5/25/04	Install EGT-100 Digital EGT 4 Thermocouple Probe System SNASL001249, Thermocouple SN 0929/0910/09	Bob Kern, 5T6		X	1223.64	765.24	3667 835
5/26/04	Left and Right tire replaced with new, new brake pads	Bob Kern, 5T7		X	1227.00	769.24	3671 839
8/27/04	All Avionics Tested and Calibrated, operational check o.k.	El Paso Jet		x	1234.00	775.60	3677 845
8/12/04	Install New Alternator and Voltage Regulator	Lone Star Aero		X	1235.00	776.60	3678 846
8/27/04	100HR Inspection 75/75/71/74, clean fuel noz, spark plugs replaced, no leaks, clean air filter	Bob Kern, 5T6		X	1264.90	806.50	3708 876
8/27/04	Annual Inspection, fuel tank reseal, control check, lubrication, retract test, elt, battery service	Bob Kern, 5T7		X	1264.90	806.50	3708 876
9/15/04	Interior plastic, carpet, and insulation replaced	Bob Kern, 5T6		X	1267.00	808.60	3710 878
9/25/04	Oil Change, Engine Wash, Air Filter Cleaning, Battery Check.	Bob Kern, 5T6		X	1264.90	806.50	3708 876
1/10/05	Magnetos removed and replaced with new Slick Mags & Harness #04050474 and # 04051025	Bob Kern, 5T6		X	1315.00	856.60	3758 926
1/28/05	Oil Change, Engine Wash, Air Filter Cleaning, Battery Check.	Bob Kern, 5T6		X	1330.00	871.60	3773 941
5/20/05	Oil Change, Engine Wash, Air Filter Cleaning, Battery Check.	Bob Kern, 5T6		X	1346.00	887.60	3789 957

6/17/05	Oil Change, Engine Wash, Air Filter Cleaning, Battery Check, Air Filter STC Install	Bob Kern, 5T6	X		1374.00	915.60	3817	985
6/18/05	Fuel Servo & Injector Cleaning, New Psark Plug Install	Bob Kern, 5T6	X		1382.00	923.60	3825	993
10/1/05	Annual Inspection, New Panel, New Directional Gyro Serial number #45K0497G, 1" Suction Gauge Install #1!	Bob Kern, 5T6	X		1461.00	1002.60	3904	1072
1/28/06	Oil Change, Engine Wash, Air Filter Cleaning, Battery Check.	Bob Kern, 5T6	X		1481.00	1022.60	3924	1092
8/20/06	Oil Change, Engine Wash, Air Filter Cleaning, Battery Check.	Bob Kern, 5T6	X		1510.00	1051.60	3953	1121
10/1/06	Annual Inspecton, Prop Overhaul	Bob Kern, 5T7	X	x	1520.00	1061.60	3963	29