

Airworthiness Directive Compliance Report

Date of Report: 11/01/2019

Tail Number: **N1937Y**

Prepared For:

EISENHARD, BRUCE TRUSTEE
PO BOX 339
TAHOE VISTA CA 96148

Manufacturer/ Model: Mooney M20E

Single / Left Engine: Lycoming IO-360-A1A

Right Engine:

Single / Left Propeller: Hartzell HC-C2Y Series

Right Propeller:

Notes:



Prepared By:

Maximilian Ilizarov
Sierra Aero LLC
10356 Truckee Airport Rd, Hangar #1
Truckee, CA 96161
530-359-5751

A handwritten signature in black ink that reads "Max Ilizarov".

Preparer's Signature

Date 11/01/2019 Make Model Mooney M20E

Tail # N1937Y Serial # 244

Airworthiness Directive Compliance Report

Airframe Hours: Tach: 1170.85

Misc:

Engine: Lycoming IO-360-A1A

S/N:

Hours:

Propeller: Hartzell HC-C2Y Series

S/N:

Hours:

AD#	Category	Subject	Amend #	Eff Date	Rec	Remarks
Date/Hours Compliance	Next Due	Name	Signature	Name		
Airframe: Mooney M20E						
65-12-03	Airframe	Propeller Speed Range Maximilian Ilizarov	39-74	05/28/65 3925219IA		N/A - HC-C2YK766-2 or CHC-C2UK7666-2 not installed
66-07-05	Airframe	Electrically Actuated Landing Gear Maximilian Ilizarov	39-201	03/26/66 3925219IA		Not Applicable
67-23-06	Airframe	Dukes Fuel Pump Maximilian Ilizarov	39-455	09/05/67 3925219IA		Previously Complied With 4/2/1968
73-21-01 11/12/2019 TTAf 4701.75	Airframe	Flight Control / Landing Gear System At TTAf 4801.75, or 11/2020 Maximilian Ilizarov	39-1729	10/10/73 3925219IA	Yes	Complied with para (a) by lubricating all flight control systems and landing gear rod end bearings with silicone spray. Due 100 hrs. or 12 months, whatever comes first.
75-04-09	Airframe	Landing Gear Actuator Maximilian Ilizarov	39-2127	03/20/75 3925219IA		N/A by Serial #
75-09-08	Airframe	Cracked Engine Mount Members Maximilian Ilizarov	39-2181	04/30/75 3925219IA	Yes*	N/A per 5/18/12 AD record
75-23-04	Airframe	Electric Landing Gear Actuator 100 hr. Maximilian Ilizarov	39-2415	12/08/75 3925219IA	Yes	N/A, has mechanical gear
76-10-05	Airframe	Low Fuel Pressure Warning System Removal Maximilian Ilizarov	39-2607	05/19/76 3925219IA		N/A by SN
77-08-06	Airframe	Engine Oil Cooler Maximilian Ilizarov	39-2962	07/25/77 3925219IA		N/A by cooler model
77-17-04 06/01/2012 tach 793.5	Airframe	Control Wheel Shaft Cracks At tach 1293.5 Maximilian Ilizarov	39-3258	07/07/78 3925219IA	Yes	Complied with 06/01/2012 at tach 793.5. Next due at tach 1293.5 (every 500 hrs).
77-18-01	Airframe	Engine Oil Cooler Maximilian Ilizarov	39-3026	08/31/77 3925219IA		N/A by Part #
80-13-03	Airframe	Fuel Filter Between Fuel Pumps Maximilian Ilizarov	39-3791	06/20/80 3925219IA		Previously Complied With 5/18/2012
85-24-03	Airframe	Fuel Tank Contamination Maximilian Ilizarov	39-5173	01/06/86 3925219IA		Previously Complied With 8/13/1987
98-24-11 06/01/2012 tach 793.5	Airframe	Aileron Control Link Cracks Maximilian Ilizarov	39-10897	12/28/98 3925219IA	Yes*	Complied with by Inspection 06/01/2012 - found gusset links installed, AD no longer applies.
04-25-04	Airframe	O&N Bladder Fuel Cell Maximilian Ilizarov	39-13891	01/21/05 3925219IA	Yes*	N/A - O & N bladder not installed
12-05-09 06/01/2012 tach 793.5	Airframe	Tail Pitch Trim Assembly Maximilian Ilizarov	39-16981	03/20/12 3925219IA		Previously Complied with by Inspection. Form 07-001 submitted to Mooney.
14-15-18	Airframe	Outer Empennage Attach Fittings Maximilian Ilizarov	39-17920	08/20/14 3925219IA		N/A by SN

Engine: Lycoming IO-360-A1A

64-16-05	Engine	Oil Seal Failure in AC Fuel Pumps Maximilian Ilizarov	765	07/10/64 3925219IA		N/A by part number
66-06-03	Engine	Connecting Rod Assemblies Maximilian Ilizarov	39-708	03/13/66 3925219IA		Previously Complied With 2/8/1966
66-20-04	Engine	Oil Filter Adapter Gasket Maximilian Ilizarov	39-277	08/27/66 3925219IA		N/A by part number
67-22-06	Engine	Bendix RS: Delrin Stemmed Fuel Diaphragm Maximilian Ilizarov	39-448	08/09/67 3925219IA		N/A by part number
71-05-02	Engine	Crankcase Main Bearings Maximilian Ilizarov	39-1589	02/13/73 3925219IA	Yes*	N/A due to engine re-manufacture date
71-11-02	Engine	Valve Tappet Plunger Maximilian Ilizarov	39-1403	03/14/72 3925219IA		N/A by SN
73-23-01	Engine	Piston Pin Cracks From Grinding Maximilian Ilizarov	39-2804	01/13/77 3925219IA		N/A by SN
75-08-09	Engine	Oil Pump Drive Shaft and Impeller Maximilian Ilizarov	39-3013	08/18/77 3925219IA		Previously Complied With 8/29/1988
75-09-15	Engine	Bendix Fuel Injector Flow Divider Cover Gasket Maximilian Ilizarov	39-2187	04/30/75 3925219IA		N/A by part number
78-23-10	Engine	Bendix RSA Series Fuel Injector Bellows Seal Maximilian Ilizarov	39-3333	11/07/78 3925219IA		N/A by part number
79-04-05	Engine	Bendix RSA Series Fuel Injectors Diaphragm Maximilian Ilizarov	39-3570	09/26/79 3925219IA		N/A by SN
84-13-05	Engine	Crankshaft / Propeller Flange Maximilian Ilizarov	39-4886	07/16/84 3925219IA	Yes*	N/A by model number

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17-06-03	Appliance	8xxx and 9xx Combustion Heater Deterioration Maximilian Ilizarov	39-18827	05/05/17 39252191A	Yes	N/A, not installed
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Appliance: Power Plant - Ignition - Switches

76-07-12	Appliance	10-357XXX, 10-126XXX, 10-157XXX - Switch Repair or Replacement	39-3024	08/30/77	Yes	Complied with by functional test ref. para (1), (g) through (c). No discrepancies noted, next due at TTAF 4801.75 (every 100 hrs)
11/12/2019 TTAF 4701.75		TTAF 4801.75 Maximilian Ilizarov		39252191A		

Appliance: Power Plant - Other

18-02-04	Appliance	Muffler Weld Cracking Maximilian Ilizarov	39-19157	02/21/18 39252191A		N/A by type aircraft
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Appliance: Helicopters - Safety Belts

17-16-04	Appliance	Torso Restraint System Buckle Knob Maximilian Ilizarov	39-18981	09/22/17 39252191A		N/A
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Appliance: Large Aircraft - Oxygen

17-18-12	Appliance	Vacuum Seal Inspection Maximilian Ilizarov	39-19021	10/16/17 39252191A		N/A
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Appliance: Large Aircraft - Seats

17-09-09	Appliance	Seating System Removal Maximilian Ilizarov	39-18871	06/28/17 39252191A		N/A
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Airworthiness Directive Compliance Report

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Tail Number: **N1937Y**

Prepared For:

EISENHARD, BRUCE TRUSTEE
PO BOX 339
TAHOE VISTA CA 96148

Airframe: Mooney M20E

Single / Left Engine: Lycoming IO-360-A1A

Right Engine:

Single / Left Propeller: Hartzell HC-C2Y Series


Right Propeller:

Notes:



Prepared By:

Jeffrey P. Fay
Sierra Aero LLC
10356 Truckee Airport Rd, Hangar #1
Truckee, CA 96161
530-359-5751



Preparer's Signature

Date	Make Model	Tail #	Serial #	Airworthiness Directive Compliance Report
10/08/2018	Mooney M20E	N1937Y	244	

Hours: Tach: 1159.61

Misc:

AD #	Category	Subject	Amend #	Eff Date	Rec	Remarks
Date/Hours Compliance	Next Due	Name	Signature	Cert #		
65-12-03	Airframe	Propeller Speed Range	39-74	05/28/65		N/A - HC-C2YK/766-2 or CHC-C2UK/7666-2 not installed
		Jeffrey P. Fay		26793151A		
66-07-05	Airframe	Electrically Actuated Landing Gear	39-201	03/26/66		Not Applicable
		Jeffrey P. Fay		26793151A		
67-23-06	Airframe	Dukes Fuel Pump	39-455			Previously Complied With 4/2/1968
		Jeffrey P. Fay		26793151A		
73-21-01	Airframe	Flight Control / Landing Gear System	39-1729	10/10/73	Yes	Complied with para (a) by lubricating all flight control systems and landing gear rod end bearings with silicone spray. Due 100 hrs. or 12 months, whatever comes first.
10/01/2018 TTAF 4690.51		At TTAF 4790.51, or 10/2	Jeffrey P. Fay			26793151A
75-04-09	Airframe	Landing Gear Actuator	39-2127	03/20/75		N/A by Serial #
		Jeffrey P. Fay		26793151A		
75-09-08	Airframe	Cracked Engine Mount Members	39-2181	04/30/75	Yes*	N/A per 5/18/12 AD record
		Jeffrey P. Fay		26793151A		
75-23-04	Airframe	Electric Landing Gear Actuator	39-2415	12/08/75	Yes	N/A, has mechanical gear
		100 hr.	Jeffrey P. Fay			26793151A
76-10-05	Airframe	Low Fuel Pressure Warning System Removal	39-2607	05/19/76		N/A by SN
		Jeffrey P. Fay		26793151A		
77-08-06	Airframe	Engine Oil Cooler	39-2962	07/25/77		N/A by cooler model
		Jeffrey P. Fay		26793151A		
77-17-04	Airframe	Control Wheel Shaft Cracks	39-3258	07/07/78	Yes	Complied with 06/01/2012 at tach 793.5. Next due at tach 1293.5 (every 500 hrs).
06/01/2012 tach 793.5		At tach 1293.5	Jeffrey P. Fay			26793151A
77-18-01	Airframe	Engine Oil Cooler	39-3026	08/31/77		N/A by Part #
		Jeffrey P. Fay		26793151A		
80-13-03	Airframe	Fuel Filter Between Fuel Pumps	39-3791	06/20/80		Previously Complied With 5/18/2012
		Jeffrey P. Fay		26793151A		
85-24-03	Airframe	Fuel Tank Contamination	39-5173	01/06/86		Previously Complied With 8/13/1987
		Jeffrey P. Fay		26793151A		
98-24-11	Airframe	Aileron Control Link Cracks	39-10897	12/28/98	Yes*	Complied with by Inspection 06/01/2012 - found gusset links installed, AD no longer applies.
06/01/2012 tach 793.5		Jeffrey P. Fay		26793151A		
04-25-04	Airframe	O&N Bladder Fuel Cell	39-13891	01/21/05	Yes*	N/A - O & N bladder not installed
		Jeffrey P. Fay		26793151A		
12-05-09	Airframe	Tail Pitch Trim Assembly	39-16981	03/20/12		Previously Complied with by Inspection. Form 07-001 submitted to Mooney.
06/01/2012 tach 793.5		Jeffrey P. Fay		26793151A		
14-15-18	Airframe	Outer Empennage Attach Fittings	39-17920	08/20/14		N/A by SN
		Jeffrey P. Fay		26793151A		
64-16-05	Engine	Oil Seal Failure in AC Fuel Pumps	765	07/10/64		N/A by part number
		Jeffrey P. Fay		26793151A		
66-06-03	Engine	Connecting Rod Assemblies	39-708	03/13/66		Previously Complied With 2/8/1966
		Jeffrey P. Fay		26793151A		
66-20-04	Engine	Oil Filter Adapter Gasket	39-277	08/27/66		N/A by part number
		Jeffrey P. Fay		26793151A		
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71-11-02	Engine	Valve Tappet Plunger	39-1403	03/14/72		N/A by SN
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73-23-01	Engine	Piston Pin Cracks From Grinding	39-2804	01/13/77		N/A by SN
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79-04-05	Engine	Bendix RSA Series Fuel Injectors Diaphragm	39-3570	09/26/79		N/A by SN
		Jeffrey P. Fay		26793151A		
84-13-05	Engine	Crankshaft / Propeller Flange	39-4886	07/16/84	Yes*	N/A by model number
		Jeffrey P. Fay		26793151A		
90-04-06 R1	Engine	Propeller Governor External Oil Line	39-6915	05/28/91		Inspected 07/01/2013 per AD list and found previously complied with
		Jeffrey P. Fay		26793151A		

Date 10/08/2018 **Make Model** Mooney M20E **Tail #** N1937Y **Serial #** 244 **Airworthiness Directive Compliance Report**

Hours: Tach: 1159.61

Misc:

AD #	Category	Subject	Amend #	Eff Date	Rec	Remarks
<small>Date Hours Compliance</small>	<small>Next Due</small>	<small>Name</small>	<small>Signature</small>	<small>Car: #</small>		
17-11-11	Appliance	ADS-B Unreliable Position Information	39-18919 Jeffrey P. Fay	07/11/17 2679315IA		N/A, not installed
17-16-04	Appliance	Torso Restraint System Buckle Knob	39-18981 Jeffrey P. Fay	09/22/17 2679315IA		N/A
17-18-12	Appliance	Vacuum Seal Inspection	39-19021 Jeffrey P. Fay	2679315IA		N/A
18-02-04	Appliance	Muffler Weld Cracking	39-19157 Jeffrey P. Fay	02/21/18 2679315IA		N/A by type aircraft