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Altitude
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hydrostatatic
1450 psi.
ed. Next
Terence M.

EQUIPMENT ADDITION, REMOVAL OR EXCHANGE	
DATE	ITEM - MFG NAME - MODEL - SERIAL
19	N5289D
	Dec. 12, 2006 Tach Time: 432.0 Total Time: 1805.7
	I certify that this aircraft has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition. Replaced ELT battery pack. Inspected and tested ELT in accordance with CFR 14 Part 91.207d and found satisfactory. Replaced NLG tire and repacked wheel bearings. Aired all tires to spec. Lubed all landing gear zerk fittings. Checked brakes and hydraulic reservoir. Performed several landing gear retractions and found satisfactory. Tested lights and electrical systems. Re-paired bad ground on RH Aft Nav light. Removed aircraft battery and serviced with DI water and recharged. Checked and cleaned fuel selector screen. Removed inop ADF radio and sent to Airmartronics for repair. Reinstalled and tested good.
	Terence M. McKenna <i>Terence M. McKenna</i> A&P 569948254 IA

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REMOVAL OR EXCHANGE

.0 Total Time: 1805.7
 craft has been inspected
 inspection and has been
 y condition. Replaced
 and tested ELT in accord-
 d and found satisfactory.
 ed wheel bearings. Aired
 1 landing gear zerk fit-
 ydraulic reservoir. Per-
 retractions and found sat-
 d electrical systems. Re-
 Nav light. Removed air-
 with DI water and recharged.
 ector screen. Removed
 ircraftronics for repair.

A&P 569948254 IA

Scale Cc
 Altimeter

Add	Reads
+15	-1000
+20	0
+20	500
+15	1000
+20	1500
+20	2000
+25	3000
+20	4000
+25	6000
+30	8000

Date 10 JAN 08
 Tested by [Signature]

I certify that the Altimeter, Static System, & Altitude Reporting
 tests required by FAR 91.411, and the Transponder tests required
 by FAR 91.413 have been performed IAW FAR 43 App E & F.
 Altimeter tested to 25000 Ft N 52830
 IAW FAR 43 App. E of 10 JAN 08 Date 10 JAN 08
 Signed [Signature] Northcoast Services c/s W3R955L Time 13270

Time: 1832.1

I certify that this aircraft has been inspected
 in accordance with an annual inspection and has been
 determined to be in airworthy condition. Inspected
 and tested ELT in accordance with CFR 14 Part 91.207d
 and found to be satisfactory. Tested lights and elec-
 trical systems. Checked brakes and topped off hydraul-
 ic reservoir. Serviced battery with DI water. Jacked
 aircraft and performed retraction test. Aired tires to
 spec. Greased all landing gear zerk fittings. Lubed
 flight control hinges, rodends and bearings with sili-
 cone. Checked vacuum filters. Removed oxygen bottle,
 hydrostatic test accomplished and bottle refilled to
 1450 psi. Reinstalled bottle, safetied and leak check-
 ed. Next hydrostatic test due 3/1/2011.

Terence M. McKenna A&P 569948254 IA

MEMORANDA

N5289D

July 10, 2008 Tach Time: 465.6

Installed new 1 amp circuit breaker; PN 7277-2-1
for gear warning circuit. Ops checked landing gear
circuits with 5 ea. fault free retractions/extensions.
Terence M. McKenna *Terence M. McKenna* A&P 569948254

N5289D

August 15, 2009 Tach Time: 492.9

Replaced 2 each Concorde CB 35A main batteries
with 2 each new Concorde RG 35A XC batteries. Ops
checked good.

Terence M. McKenna *Terence M. McKenna* A&P 569948254

Aircraft Record General Information

Manufacturer MOONEY Model M 20 K
Serial 25-1192 Registration Number N 5289D

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer TCM Model TS10 520 NB Serial 290697-R
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer McCAULEY Model 3AF32C505-C
HUB Model _____ Serial 941641 Serial _____
Blade Model _____ Serial NL083 Serial NL 201 Serial _____
Blade Model _____ Serial _____ Serial _____



Revisions, Tests, Repairs and Alterations
 with Name, Rating and Certificate Number of
 (See back pages for other specific entries.)

Total Time: 1832.1
 It has been inspected
 pection and has been
 condition. Inspected
 h CFR 14 Part 91.207d
 battery pack expires
 rrical systems. Re-
 lens and socket with
 R/H wingtip strobe
 accomplished retra-
 zerk fittings. Re-
 tery. Serviced bat-
 ed. Repacked all L.G.
 cked tires and aired
 rrvoir. Checked vac-
 all landing gear zerk
 rol hinges, rod ends
 aced tail link and aft
 for freedom of move-
 ve Compliance Checklist
 s and times.
 A&P 569948254 IA

Revisions and Alterations

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description Entries must be Technician or
				I certify it tests requi by FAR 91
				Altimeter(s)
				IAW FAR
				Signed

Northcoast Services Ltd. Vancouver, B.C.

N5289D

March 21, 2010 Tach Time: 495.6 Total Time: 1869.3
 I certify that this aircraft has been inspected
 in accordance with an annual inspection and has been
 determined to be in airworthy condition. Inspected
 and tested ELT in accordance with CFR 14 Part 91.207d
 and found to be satisfactory. Replaced ELT battery
 pack. Expires 5/2012. Tested lights and electrical
 systems. Replaced lower rudder static wick and base-
 Checked vacuum system and filters. Checked and clean-
 ed fuel strainer. Lubed flight control hinges, rod
 ends and bearings with silicon. Jacked aircraft and
 performed full retraction test. Replaced MLG shock
 discs. Replaced both MLG tires with Michelin Aviators.
 Aired all tires to spec. Greased all landing gear
 zerk fittings. See Airworthiness Directive Compliance
 Checklist for compliance and next due dates and times.
 Terence M. McKenna *Terence M. McKenna* A&P 569948254 IA

Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of
 Technician or Repair Facility. (See back pages for other specific entries.)

Total Time: 1884.1

ance with an annual
 on. Inspected & tested ELT
 tory. ELT battery pack
 charged batteries. Checked
 2 ea. upper access panels
 CS3204B2. Added fuel and
 l o-ring seals. Jacked
 l bearings. Aired tires to
 606A. Greased all landing
 bearings with silicon.
 alled bottle, safetied and
 hydro test due 4-1-2014.
 sting GPS antenna and
 or from BNC to TNC. See
 checklist for compliance &

A&P 569948254 IA

Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of
 Technician or Repair Facility. (See back pages for other specific entries.)

The Gyro House FAA CRS# NG3R709L Work Order: 11884

June 11, 2011 Removed GNS530, sent unit to GARMIN for a WAAS upgrade. Installed
 GARMIN GNS530W IAW Garmin installation manual 190-00357-02 Rev G dated December
 2008. This Mooney M20K is listed on the Garmin GNS530W AML, STC SA01933LA. Provided
 FAA form 337 and Approved AFMS for the GNS530W. Performed Functional Flight Evaluation,
 found GNS530W to be operating properly.

Technician's Name: John Perry Date of Work Completion: 6/11/2011
 Inspector's Name: John Perry Inspector's FAA #: 255764

YEAR 20	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N5289D			
July 1, 2012	Tach Time: 532.0	Total Time: 1905.7	
I certify that this aircraft has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition. Replaced ELT battery pack. New battery pack expires August 2014. Inspected & tested ELT in accordance with CFR Part 91. 207d & found to be satisfactory. Tested lights and electrical systems. Checked fuel selector strainer screen. Found clean. Inspected vacuum system and filters. Replaced voltage regulator. Jacked aircraft and performed full retraction test. Found both MLG bell crank pivot bolts loose at lower main spar cap fittings. Retorqued and safetied L/H side. Found threads in R/H fitting stripped. Installed helicoil repair in fitting. Retorqued and safetied R/H pivot bolt. Checked brakes and reservoir. Greased all landing gear zerk fittings. Aired tires to spec. Replaced 3 ea. wiring grommets in tail cone. Retorqued L/H flap torque tube hinge bolt. Serviced oxygen to 1500 PSI. Lubed all flight control hinges, rod ends and bearings with silicon. Run up and ops check good. See Airworthiness Directive Compliance Checklist for compliance & next due dates and times.			
Terence M. McKenna			A&P 569948254 IA

Date	5 JAN 12
Tested by	

1500	+20
2000	+20
3000	+25
4000	+25
6000	+30
8000	+35

August 7, 2012	Replace transducer, Check	Terence M. McKenna
October 1, 2012	Change and checked oil	Terence M. McKenna

ion of Inspections, Tests, Repairs and Alterations st be endorsed with Name, Rating and Certificate Number of or Repair Facility. (See back pages for other specific entries.)

that the Altimeter, Static System, & Altitude Reporting
 quired by FAR 91.411, and the Transponder tests required
 91.413 have been performed IAW FAR 43 App E & F.

Pr(s) tested to 25000 Ft. N. 5289D
 AR 43 App. E on 5 JAN 12 Date 5 JAN 12
J. G. H. H. H. Time 521.5

Normcoast Services crs WP3R95SL

Scale C
 Altimete

Reads	Add
-1000	+15
0	+15
500	+20
1000	+20
1500	+20
2000	+20
3000	+25
4000	+25
6000	+30
8000	+35

Date 5 JAN 12

Tested by J. G. H. H. H.

N5289D

August 7, 2012

Tach Time: 533.4

Replaced TIT probe for primary instrument. Removed floscan fuel flow
 transducer. Cleaned out teflon tape, cleaned threads and reinstalled. Leak check good.

Terence M. McKenna

Terence M. McKenna

A&P 569948254 IA

N5289D

October 1, 2012

Tach Time: 0565.9

Changed oil and serviced engine with 11 qts Aeroshell 15W50. Changed oil filter
 and checked old filter for contamination. None found.

Terence M. McKenna

Terence M. McKenna

A&P 569948254 IA

ions, Tests, Repairs and Alterations with Name, Rating and Certificate Number of ity. (See back pages for other specific entries.)

Total Time: 1905.7

ccordance with an annual
 ondition. Replaced ELT battery
 d & tested ELT in accordance
 sted lights and electrical systems.
 spected vacuum system and filters.
 ned full retraction test. Found
 ar cap fittings. Retorqued and
 d. Installed helicoil repair in
 d brakes and reservoir. Greased
 aced 3 ea. wiring grommets in tail
 iced oxygen to 1500 PSI. Lubed
 icon. Run up and ops check good.
 compliance & next due dates and

A&P 569948254 IA

YEAR 20	RECORDING TACH TIME
DATE	

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N5289D

July 13, 2013

Tach Time: 581.6

Total Time: 1955.3

I certify that this aircraft has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition. Inspected & tested ELT in accordance with CFR Part 91. 207d & found to be satisfactory. ELT battery pack expires August 2014. Tested lights and electrical systems. Inspected vacuum system and filters. Inspected and tested fuel caps and o-rings. Removed R/H fuel tank sump drain valve and cleaned debris out of o-ring. Checked and cleaned fuel strainer screen. Inspected oxygen system. Next hydrostatic test due 4-1-2014. Jacked aircraft. Repacked all wheel bearings. Checked brakes and reservoir. Greased all landing gear zerk fittings. Checked downlock overcenter tensions. Performed full retraction test. Removed inop. Ryan TCAD and sent to Avidyne for repair. Reinstalled TCAD. See Serviceable Tag. Lubed all flight control hinges, rod ends and bearings with silicon. See Airworthiness Directive Compliance Checklist for compliance & next due dates and times.

Terence M. McKenna

A&P 569948254 IA

July 27, 2013

Tach Time: 581.6

Replaced nose gear drag brace bolt P/N AN6-14A and bushing P/N 914020-017.

Terence M. McKenna

A&P 569948254 IA

November 1

Repair

Terence M.

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Total Time: 1955.3

ence with an annual
 on. Inspected & tested ELT
 ory. ELT battery pack
 spected vacuum system and
 fuel tank sump drain
 fuel strainer screen.
 Jacked aircraft. Repacked
 landing gear zerk fittings.
 inop.
 Removed inop.
 See Serviceable Tag.
 See Airworthiness
 ates and times.

A&P 569948254 IA

Tach Time: 581.6

1 bushing P/N 914020-017.

A&P 569948254 IA

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N5289D

Tach Time: 619.6

November 11, 2013

Repaired pilot's broken armrest. Rebanded baggage door seal.

Terence M. McKenna

Terence M. McKenna

A&P 569948254 IA

I certify that the Altimeter, Static System, & Altitude Reporting tests required by FAR 91.411, and the Transponder tests required by FAR 91.413 have been performed IAW FAR 43 App E & F.
 Altimeter(s) tested to 25000 Ft. N 3289D
 IAW FAR 43 App. E on 9 JAN 14 Date 9 JAN 14
 Signed J. Shuehly Time 621.0
 Northcoast Services c/wr3R955L

Date 9 JAN 14
 Tested by J. Shuehly

Reads	Add
-1000	+15
0	+20
500	+15
1000	+20
1500	+15
2000	+20
3000	+20
4000	+25
6000	+30
8000	+30

Scale Co
 Altimeter

YEA
20
DATE

July 11, 2014

N5289D

Tach Time: 630.9

Total Time: 2004.9

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of
es.)

I certify that this aircraft has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition. Replaced ELT battery pack. New battery expires October 2016. Inspected & tested ELT in accordance with CFR Part 91.207d & found to be satisfactory. Tested lights and electrical systems. Replaced both main batteries with new Concorde RG 35 AXC. Inspected vacuum system, back up vacuum pump and vacuum system filters. Replaced vacuum regulator filter. Checked fuel tank caps and seals. Cleaned fuel strainer screen. Removed L/H fuel tank sump drain valve and cleaned out debris at sealing o-ring. Removed oxygen bottle and sent for hydrostatic testing. Reinstalled oxygen bottle and filled with ABO. Leak checked oxygen system. Jacked aircraft and greased all landing gear grease fittings. Tested overcenter downlock tensions. Checked brakes and replaced L/H brake linings. Topped off hydraulic reservoir with Mil-H-5606A. Performed full retraction test. Lubed all flight control and landing gear rod ends, bearings and hinges with silicon. See Airworthiness Directive Compliance Checklist for compliance & next due dates and times.

Terence M. McKenna



A&P 569948254 IA

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es.)

9 Total Time: 2004.9

accordance with an annual condition. Replaced ELT battery tested ELT in accordance with lights and electrical systems. 5 AXC. Inspected vacuum ers. Replaced vacuum regulator strainer screen. Removed L/H aling o-ring. Removed oxygen en bottle and filled with ABO. sed all landing gear grease fittings. and replaced L/H brake linings. formed full retraction test. Lubed d hinges with silicon. See pliance & next due dates and

A&P 569948254 IA

YEAR
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DATE

RECORDING
TACH

TODAY'S
FLIGHT

TOTAL
TIME IN

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of

N5289D

April 19, 2015

Tach Time: 680.9

Removed HSI and sent to Pacific Southwest Instruments for repair. HIS KI 525A was overhauled by PSI recommendation. See Form 8130-3. Reinstalled instrument and ops checked good. Removed autopilot trim servo and sent to Executive Autopilots for bench testing. Unite tested and found to be operational. Reinstalled trim servo.

Terence M. McKenna

Terence M. McKenna

A&P 569948254 IA

13a Date (dd/mm/yyyy)

1. Approving Civil Aviation
Authority/Country:

2.

FAA/UNITED STATES

AUTHORIZED RELEASE
FAA FORM 8130-3, AIRWORTHINESS

4. Organization Name and Address:

Pacific Southwest Instruments

1721 Railroad Street
Corona, CA 92880
USA

Ph: 1-951-737-0790, Fax: 1-951-273-7149

Certificate Number: KD3R627L

6. Item 7. Description:

8. Part Number:

1

PICTORIAL NAVIGATION INDICATOR KI-5

066-3046-00

12. Remarks:

Item 1 was manufactured by: BENDIX/KING
For further details, see Work Order No: 287585
Unit was OVERHAULED in accordance with

NORTHCOAST SERVICES

Accounting & Scheduling:

P.O. Box 2966, Vacaville, CA 95696

(707) 451-9421 Fax (707) 451-8517

FAA crs # WR3R955L

146 Deerglen Cir. Vacaville, CA 95687

No 030441

NAME

MCKENNA ENT

ADDRESS

415 CHALK MTN RD

CITY

SCOTT'S VALLEY, CA 95066

(PROBLEM)

S Y M P T O M

DUE OUT

DATE

1 / 7 / 10

AMOUNT

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OWNER SIGNATURE

HOBBS 1328.0 SYSTEM

I CERTIFY THAT THIS

HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH

CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN

FOR SERVICE.

DETAILS OF THE REPAIRS ARE ON FILE UNDER WORK ORDER

30441 DATE **1/7/09**

INSPECTED BY **G. Gentry**

FAA CERT. # **2312667**

I HEREBY AUTHORIZE THE ABOVE REPAIRS ALONG WITH THE NECESSARY MATERIAL, YOU OR YOUR EMPLOYEES WILL BE RESPONSIBLE FOR THE REPAIRS. THE AIRCRAFT IS BEING REPAIRED BY MECHANICS WHOSE AIRWORTHINESS OF THIS UNIT, AND EXPRESS MECHANICS LIEN IS HEREBY ACKNOWLEDGED ON ABOVE UNIT TO SECURE AMOUNT OF REPAIRS THEREOF. IF IT BECOMES NECESSARY FOR YOU TO EMPLOY A COLLECTION AGENCY AND/OR AN ATTORNEY TO COLLECT THIS AMOUNT, I THE AIRCRAFT OWNER, WILL BE RESPONSIBLE FOR PAYING A REASONABLE ATTORNEY'S FEE AND/OR COLLECTION FEE.

DUE ON RECEIPT

No 030441

PARTS

LABOR

SUBLET OR OTHER

TAX

TOTAL

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YEAR
20
DATE

May 8, 2015

N5289D

Tach Time: 682.7

Troubleshoot landing gear vibration. Removed all landing gear wheels. Replaced L/H MLG tire with new Michelin Aviator 6.00-6. Sent all wheels for dynamic balance and reinstalled.



Terence M. McKenna

A&P 569948254 IA

N5289D

Tach Time: 689.5

July 5, 2015

2063.2

Total Time: 206.32



I certify that this aircraft has been inspected in accordance with an annual inspection consistent with the scope and detail of CFR 14 Part 43 Appendix D and has been determined to be in airworthy condition. Inspected & tested ELT in accordance with CFR Part 91. 207d & found to be satisfactory. ELT battery expires October 2016. Tested lights and electrical systems. Inspected vacuum system, back up vacuum pump and vacuum system filters. Adjusted vacuum regulator. Checked fuel tank caps and seals. Cleaned fuel strainer screen. Oxygen bottle filled with ABO. Jacked aircraft and greased all landing gear grease fittings. Tested overcenter downlock tensions. Checked brakes and topped off hydraulic reservoir with Mil-H-5606A. Performed full retraction test. Replaced 6 each rivets on L/H elevator. Lubed all flight control and landing gear rod ends, bearings and hinges with silicon. See Airworthiness Directive Compliance Checklist for compliance & next due dates and times.



Terence M. McKenna

A&P 569948254 IA

RECORDING
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TIME
YEAR
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DATE

Tach Time: 682.7

air wheels. Replaced
dynamic balance

A&P 569948254 IA

2063.2

Total Time: 2063.2

with an annual

pendix D and has

T in accordance

ires October 2016.

up vacuum pump

el tank caps and

Jacked aircraft and

tensions. Checked

med full retraction

l and landing gear

tive Compliance

A&P 569948254 IA

of Inspections, Tests, Repairs and Alterations

Endorsed with Name, Rating and Certificate Number of
Facility. (See back pages for other specific entries.)

YEAR
20
DATE

RECORDING
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TIME

FLIGHT

SF

I certify that the Altimeter, Static System, & Altitude Reporting
tests required by FAR 91.411, and the Transponder tests required
by FAR 91.413 have been performed IAW FAR 43 App E & F.

Altimeter(s) tested to 25000 FL N 5289-D

IAW FAR 43 App. E on 6 JAN 16 Date 6 JAN 16

Signed S. Smith Time 732.6

Northcoast Services c/s WR3R955L

Scale Corrections

Altimeter N 5289-D

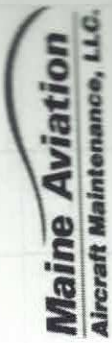
Reads	Add	Reads	Add
-1000	-10	10000	+30
0	-10	12000	+35
500	-	14000	+40
1000	-	16000	+50
1500	+5	18000	+65
2000	+5	20000	+80
3000	+10	22000	+100
4000	+15	25000	+125
6000	+20	30000	✓
8000	+25	35000	✓

crs WR3R955L

Date 6 JAN 16

Tested by S. Smith

YEAR 20	DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE



Date	WO#	Registration
9/26/2016	40192	N5289D

Complied with Garmin SB 1618, Rev A "CNS310W/30"
 Removed GPS antenna, p/n 013-00235-00, w/n 72669
 Verified power and ground at KR87 rack. Removed A
 I certify that this aircraft was repaired and inspected
 service with respect to the work performed.

Signature

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

YEAR 20	DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE

N5289D
 Tach Time: 739.5
 Total Time: 2113.2

July 1, 2016

I certify that this aircraft has been inspected in accordance with an annual inspection consistent with the scope and detail of CFR 14 Part 43 Appendix D and has been determined to be in airworthy condition. Inspected & tested ELT in accordance with CFR Part 91. 207d & found to be satisfactory. ELT battery expires October 2016. Tested lights and electrical systems. Checked main batteries and box. Inspected vacuum system, back up vacuum pump and vacuum system filters. Inspected fuel tank caps and seals. Cleaned fuel strainer screen. Serviced oxygen bottle with ABO and leak checked system. Jacked aircraft and greased all landing gear grease fittings. Tested downlock overcenter tensions. Performed retraction cycle and emergency extension. Repacked all wheel bearings. Checked brakes and reservoir. Lubed all flight control and landing gear rod ends, bearings and hinges with silicon. See Airworthiness Directive Compliance Checklist for compliance & next due dates and times.

Terence M. McKenna  A&P 569948254 IA

ons, Tests, Repairs and Alterations
 h Name, Rating and Certificate Number of
 (See back pages for other specific entries.)

Total Time: 2113.2

dance with an annual
 art 43 Appendix D and has
 tested ELT in accordance
 ttery expires October 2016.
 s and box. Inspected vacuum
 Inspected fuel tank caps and
 with ABO and leak checked
 fittings. Tested downlock
 ncy extension. Repacked all
 flight control and landing
 rthinness Directive Compliance

A&P 569948254 IA

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of
 Technician or Repair Facility. (See back pages for other specific entries.)

YEAR
 20
DATE

**RECORDING
 TACH
 TIME**

**TODAY'S
 FLIGHT**

**TOTAL
 TIME IN
 SERVICE**



406 Yellowbird Rd • Portland International Airport • Portland, ME 04102
 (207) 780-1811 • Fax (207) 772-6800

CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach
9/26/2016	40192	N5289D	Mooney M20K	25-1192	761.9

Complied with Garmin SB 1618, Rev A "GNS530W Software Update to 5.30"
 Removed GPS antenna, p/n 013-00235-00, s/n 72669 and installed new s/n 126779.
 Verified power and ground at KR87 rack. Removed ADF, p/n 066-1072-00, s/n 34656 for repair. Continue operations IAW FAR 91.213.
 I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to
 service with respect to the work performed.

CRS FSER011E
 Type and Certificate Number

Signature



AeroAntenna Technology, Inc.

AS9100 Certified Company

20732 Lassen Street, Chatsworth, CA 91311

Phone: (818) 993-3842 Fax: (818) 993-4525

CERTIFICATION OF CONFORMANCE

AAT Part Number: AT575-93GW-TNCF-000-RG-27-NM
Customer PO Number: 233998
Customer Part Number: 013-00235-00 GA35
Serial Number: 126779

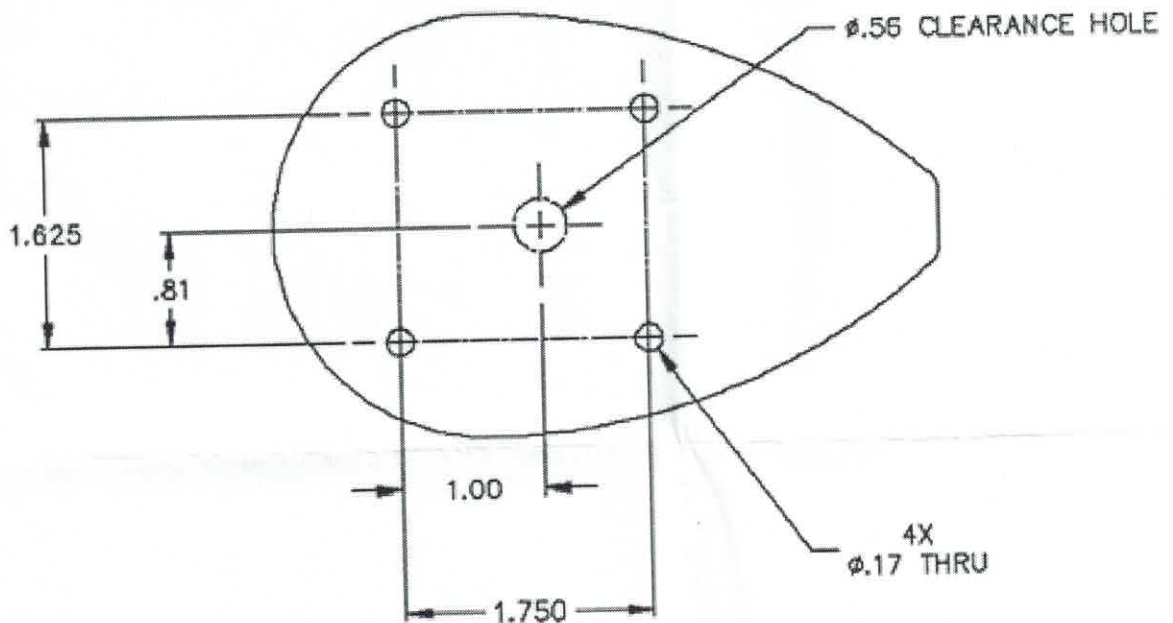
AeroAntenna Technology, Inc. certifies that the above mentioned antenna was manufactured in accordance with specifications and standard quality assurance practices and procedures, and meets all requirements as stated in the above purchase order as well as shipment and delivery instructions.

Quality Assurance: Benjamin Rubeni

Date: 6/7/2016

CERTIFICATION OF CONFORM

NOT TO SCALE. Use an accurate measuring instrument for installation. A calibrated torque wrench must be used during installation. Torque value for mounting screws is 13-15 in-lbs. The 4 supplied mounting screws must be used and no substitutes are allowed. Do not deviate from these installation methods or use alternate screws as damage to the antenna may result.



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				
		October 23, 2016		
		UNITED FLIGHT SERVICES 120 Aviation Way, Watsonville, CA 95076 <u>N5289D</u>		
		Replaced ELT battery pack. New battery expires November 2018. Inspected & tested ELT in accordance with CFR Part 91. 207d & found to be satisfactory. Removed belly panel for access. Adjusted flap upstop limit switch. Reset 0/B flap upstops. Ops checked flaps for proper operation. Reinstalled belly panel.		Tach Time: 779.6
		Terence M. McKenna 		A&P 569948254 IA
				
		March 5, 2017		
		UNITED FLIGHT SERVICES 120 Aviation Way, Watsonville, CA 95076 <u>N5289D</u>		
		Replaced R/H and L/H wingtip strobe tubes. Replaced R/H wingtip strobe power supply. Replaced cable for cowl flap indicator and rigged. Serviced oxygen system with ABO. Ops checked strobe system and cowl flap indicator. Good. Recharged battery.		Tach Time: 787.0
		Terence M. McKenna 		A&P 569948254 IA

YEAR 20 DATE	RECORDING TACH TIME
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June 23, 2017

I certify that inspection consisted of the following:
 been determined with CFR Part 91
 Tested lights and cabin overhead lights
 back up vacuum
 Cleaned fuel strainer
 Jacked aircraft and performed
 tensions. Performed
 bearings. Checked
 to spar due to loose
 hinges with silicone
 & next due dates

Terence M. McKenna

ns, Tests, Repairs and Alterations

(Name, Rating and Certificate Number of
See back pages for other specific entries.)

Tach Time: 779.6

November 2018. Inspected &
to be satisfactory. Removed
reset 0/B flap upstops. Ops

A&P 569948254 IA

Tach Time: 787.0

ed R/H wingtip strobe power
Serviced oxygen system with
Good. Recharged battery.

A&P 569948254 IA

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of
Technician or Repair Facility. (See back pages for other specific entries.)



UNITED FLIGHT SERVICES
120 Aviation Way, Watsonville, CA 95076

N5289D

June 23, 2017

Tach Time: 793.5

Total Time: 2167.2

I certify that this aircraft has been inspected in accordance with an annual inspection consistent with the scope and detail of CFR 14 Part 43 Appendix D and has been determined to be in airworthy condition. Inspected & tested ELT in accordance with CFR Part 91. 207d & found to be satisfactory. ELT battery expires November 2018. Tested lights and electrical systems. Replaced L/H wingtip strobe tube and replaced cabin overhead light bulb. Checked main batteries and box. Inspected vacuum system, back up vacuum pump and vacuum system filters. Inspected fuel tank caps and seals. Cleaned fuel strainer screen. Serviced oxygen bottle with ABO and leak checked system. Jacked aircraft and greased all landing gear grease fittings. Tested downlock overcenter tensions. Performed retraction cycle and emergency extension. Repacked all wheel bearings. Checked brakes and reservoir. Replaced several rivets on L/H elevator skin to spar due to looseness. Lubed all flight control and landing gear rod ends, bearings and hinges with silicon. See Airworthiness Directive Compliance Checklist for compliance & next due dates and times.

Terence M. McKenna

A&P 569948254 IA