

AIRCRAFT LOG

MOONEY AIRCRAFT, INC.

AIRCRAFT DESCRIPTION

Manufacturer MOONEY Place _____ Date 4-16-65

License No. N-5655Q Type M-20-C Serial No. 3026

Description _____

Reconstructed By _____ Place _____ Date _____

Seating Capacity (Crew Included) _____ Weight Empty _____ Weight Loaded _____

Wing Area _____ Sq. Ft. Control Area _____ Sq. Ft. Span _____ Length _____

Tires Main _____ Tire Tail _____ Brakes _____

Owner _____ Address _____

City _____ State _____

EQUIPMENT DESCRIPTION

Propeller	Hub Design	Hub Serial No.
-----------	------------	----------------

Blade Design	Blade Serial No.	Blade Serial No.
--------------	------------------	------------------

Pitch	Width	Diameter
-------	-------	----------

Engine	Model	Serial No.
LYCOMING	O-360-A1D	L-11732-36A L-8072-36A

Rated H. P.	Bore	Stroke
		(ENGINE REPLACED 10-73)

Receiver	Model	Serial No.
----------	-------	------------

Transmitter	Model	Serial No.	Output
-------------	-------	------------	--------

Generator	Model	Serial No.	Amp.	Volt
-----------	-------	------------	------	------

Starter	Model	Serial No.	Volts
---------	-------	------------	-------

Power Unit	Model	Serial No.	Volts
------------	-------	------------	-------

FLIGHT LOG

[illegible]

REMARKS

DATE
65

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

CERTIFICATE OF AIRWORTHINESS
FORM 1362B ISSUED THIS DATE

4-16

4-16-65

Ralph M. Harmon DMCR 500-1

BY Thomas D. Webb

THOMAS D. WEBB

~~DMIR~~

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

4 May 63 Installed the following radio equipment - MK 5, MK 12
 KN 60-OM E, MA-12 marker + 200 amp., RPF-29, hook
 tone filter. Installed Remote compass system. See
 337 this date for details

Marvin C. Henderson FOR

CAPITOL AVIATION, INC.

Capital Airport

Springfield, Illinois

CAA Repair Station 3760

Pertinent details on file under

Work Order 290717

REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

April 11, 1965 I stated would see oil filter
as per S.I.C. SAA-760 & 337 & get it
done & work on work sheet
Bob Perry For

CAPITOL AVIATION, INC.

Pertinent details on file under

Capital Airport

Work Order

9075

Springfield, Illinois

CAA Repair Station 3760

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
8-11-65	Tech ready 166 hrs. Completed periodic inspection. Checked internal structure, control surfaces, push-pull tubes and etc. No AD's applicable this date.									
I CERTIFY THAT THIS <u>aircraft</u>..... HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>periodic</u>..... AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION. <u>Donald K. Lewis</u>..... For CAPITOL AVIATION, INC. Capital Airport Springfield, Illinois CAA Repair Station 3760										
TOTALS FORWARD										
TOTALS TO DATE										

Pertinent details on file under
 Work Order 1053 S

REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

(6)

10/12

replaced overspeed indicator with
overhauled unit

John A. Pearson

LA 1477663

Tach show. 252.91

FLIGHT LOG

[illegible]

REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

12-21-65 Total aircraft time in service
337 hrs completed periodic inspection as
per Capitol Aviation inspection forms

I CERTIFY THAT THIS *Airsame*
HAS BEEN INSPECTED IN ACCORDANCE
WITH A *Periodic* INSPECTION
AND WAS DETERMINED TO BE IN AIR-
WORTHY CONDITION.

Ronald P. Howell For

CAPITOL AVIATION, INC.

Capital Airport

Springfield, Illinois

CAA Repair Station 3760

Pertinent details on file under

Work Order *12155*

REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

66

3-31 Installed Brittain model Nov.-2 Flight Control system as per F.A.A. Form 337 dated this date.

Donald Schuch FOR

CAPITOL AVIATION, INC.

Capital Air port

Springfield, Illinois

CAA Repair Station 3760

Pertinent details on file under

Work Order 38017

-56

4-4 Aircraft flown and found Autopilot functioning normally. Robert Altman 1566004

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
5-3-66	Total aircraft time						480 hrs completed			
	Annual inspection on per Capitol Aviation inspection forms. Installed bushing in nose gear installed left main tire									
								<u>Donald E. Shevell</u>	FOI	
I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION.								CAPITOL AVIATION, INC. Capital Airport Springfield, Illinois CAA Repair Station 3760		
TOTALS FORWARD										
TOTALS TO DATE										

Pertinent details on file under

Work Order 13345

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

5-17-66 Jack reads 508 hrs installed new
gyro. Hanyon

Donald E. Hosmer
for Capital Amation RS 3760

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
<i>Sept 9, 1966 Total aircraft time 655:19 hrs</i> <i>Completed Annual inspection as per Capital</i> <i>Aviation inspection forms.</i>										
<i>Donald S. Howell</i> For CAPITOL AVIATION, INC. Capital Airport Springfield, Illinois CAA Repair Station 3760										
I CERTIFY THAT THIS <i>Aircraft</i> HAS BEEN INSPECTED IN ACCORDANCE WITH A <i>Annual</i> INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION.										
TOTALS FORWARD			Pertinent details on file under							
TOTALS TO DATE			Work Order <i>14855</i>							

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
12-6-66	INSTALLED TURBO CHARGER SYSTEM PER STC-SA 1156 WK (SEE FAA FORM 339)
	Robert D. Timmerman Chief Inspector
	RILEY AERONAUTICS CORPORATION
	FAA APPROVED REPAIR STATION NO. 5013
	FORT LAUDERDALE EXECUTIVE AIRPORT
	FORT LAUDERDALE, FLORIDA
1-6-67	801.24 INSTALLED NEW HEATER Dual Hose Between MUFF & FIREWALL.
	NON-REPAIR STA. Melvin A. Doukoff AP 1646714

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
1-26-67	Total aircraft time in service 820:85 hrs completed annual inspection as per Capitol Aviation inspection forms									
I CERTIFY THAT THIS <u>aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION.			<u>Donald P. Hassel</u> For, CAPITOL AVIATION, INC. Capital Airport Springfield, Illinois CAA Repair Station 3760							
			TOTALS FORWARD							
			TOTALS TO DATE							
			Pertinent details on file under Work Order <u>1623</u>							

DATE

INSPECTION

2-20-67 Removed prop and installed new blades
Complied with service letters 41-32-37

Donald P. Hooser For

CAPITOL AVIATION, INC.

Capital Airport

Springfield, Illinois

CAA Repair Station 3760

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
5-3-67	Total aircraft time in service 941 hrs Completed Annual inspection as per Capitol Aviation inspection forms. installed new brake bands made retraction check lubricated rudder trim greased wheel bearings.									
I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION.								<u>Donald S. Thasell</u> For		
								CAPITOL AVIATION, INC.		
								Capital Airport		
								Springfield, Illinois		
TOTALS FORWARD								CAA Repair Station 3760		
TOTALS TO DATE								Pertinent details on file under		

Work Order 17155

REMARKS =

DATE) INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

8-23-67 Total aircraft time in service 1072:40
Completed Annual inspection as per Capitol Aviation
inspection forms. Overhauled engine at this time
Installed Telco E & S indicator, no weight change

Donald R. Hosack

For

CAPITOL AVIATION, INC.

Capital Airport

Springfield, Illinois

CAA Repair Station 3760

I CERTIFY THAT THIS *Aircraft*
HAS BEEN INSPECTED IN ACCORDANCE
WITH A *Annual* INSPECTION
AND WAS DETERMINED TO BE IN AIR-
WORTHY CONDITION.

Pertinent details on file under

Work Order *1865'S*

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

① Time Indicated A+E 1139604 / No. 1139604

12-19-67 Installed overhauled cluster gage unit.

S/N 287R
Tach 60 hrs

Donald E. Hume

For

CAPITOL AVIATION, INC.

Capital Airport

Springfield, Illinois

CAA Repair Station 3760

FLIGHT LOG

NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
		Up	Down	Hours	Min.				
6,69 total aircraft time in service 1216-13 total time 104.13 annual inspection completed as per Capital Aviation section forms. Run retraction test. Installed reconditioned by Aero Systems RS 2137. Installed light on pilots control wheel. Installed recap on Right main. Installed gen. light on panel. Installed brake linings both brakes. CW 9B 143. Installed altimeter certified to 20,000 ft and ran static check & found O.K. CERTIFY THAT THIS aircraft <u>Charles E. M. Holburn</u> For HAS BEEN INSPECTED IN ACCORDANCE WITH FORWARD <u>annual</u> INSPECTION REMARKS TO DATE DETERMINED TO BE IN AIR-WORTHY CONDITION									
							CAPITAL AVIATION, INC.		
							Capital Airport		
							Springfield, Illinois		
							CAA Repair Station 3760		

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I certify that the altimeter and static system tests
required by FAR Part 43.170 have been performed.
The altimeter has been tested to 20,000 feet.

Charles E. M. Slaten for

CAPTOL AVIATION, INC.

Springfield, Illinois

Repair Station 3760

Pertinent details on file under

Work Order 22645

SERVICEABLE

TAG

1. WEAR
2. INSPECTION

965

410

70

vice
-68

FLIGHT LOG

[illegible]

FLIGHT LOG

[illegible]

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

3-19-68 Tach reads 136:27 hrs installed new
nose gear truss, made retraction check set
gear tension

Donald E. Hansen
for Capital Aviation
FAP Repair Station 3760
Springfield, Ill

3-29-68 Removed Narco MK-V & VOM-3A, Installed King KX-160
with KI 211A G/S & KA-22 Antenna: New wt & bal. data below

Empty Wt.	EWCG.	moment	Useful Load
1634.5	49.67	81195	940.5

Frank J. Partridge
RS 2007

ROBBINS AIRBORNE
MEMPHIS, TENNESSEE

Ref FAA-Form 337

F. A. A. REPAIR STATION #2007

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

task made 261 hrs

I CERTIFY THAT THIS *Annual*
HAS BEEN INSPECTED IN ACCORDANCE
WITH A *Annual* INSPECTION
AND WAS DETERMINED TO BE IN AIR-
WORTHY CONDITION.

Donald O. Thomas For

CAPITOL AVIATION, INC.

Capital Airport

Springfield, Illinois

CAA Repair Station 3760

Pertinent details on file under
Work Order *24715*

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

Oct. 15/68 321.79 hrs Tach reading.
Installed new cowl flap control cable.

Charles M. Hollett for

CAPITOL AVIATION, INC.

Capital Airport

Springfield, Illinois

EAA Repair Station 3760

10/27/68 Installed new Rebat Battery.

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE D	LICENSE NUMBER
			Up	Down	Hours	Min.				
Feb-6-1969 Total Time Aircraft in Service 1523.46 hrs Tach Reads 411.46 hrs. Completed Annual inspection As per Capitol Aviation forms - Replaced Complet Nose Steering Assembly - Ran Retraction test - Repacked All Wheel Bearings - Serviced Ox. System -										

I CERTIFY THAT THIS <u>Aircraft</u>
HAS BEEN INSPECTED IN ACCORDANCE
WITH <u>Annual</u> INSPECTION
AND TOTALS FORWARDED TO BE IN AIR- WORTHY CONDITION.
TOTALS TO DATE

James M. Wight for
CAPITOL AVIATION, INC.
 Capital Airport
 Springfield, Illinois
 CAA Repair Station 3760

Pertinent details on file under
 Work Order 26619

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
4-29-69	TACH READS 485.43 NEW RIGHT MAIN & NOSE TIRE PACK WHEEL BEARINGS - REPLACED NOSE STEERING ASSY. RETRACTION TEST O.K.
	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORD- ANCE WITH 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION C. L. Ettridge ATP 1360055

FLIGHT LOG

[illegible]

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

TAC TIME 638.00 W/O # 1574

I certify that this aircraft has been inspected in
accordance with ANNUAL inspection
and was determined to be in airworthy condition.

Date 28 NOV 69Signed Richard Schenck for
SISK AVIATION ACTIVITIES, INC.

Approved Repair Station 3343

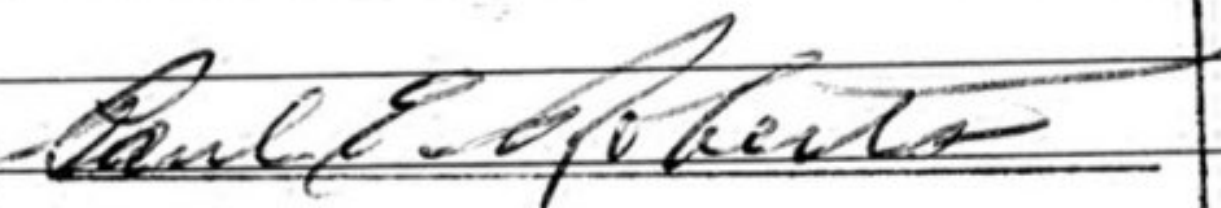
P. O. Box 31, East St. Louis, Illinois 62202

INSPECTION — MAINTENANCE — REPAIRS — ALTERATION

DATE

I certify that the ~~altimeter~~ and static tests required by FAR part 91.170 have been performed. The altimeter was tested to 15,000 feet on _____ static system test. Date Nov 13, 1971

Signed



STSK AVIATION ACTIVITIES, INC.

Approved Repair Station 3343

P.O. Box 31, East St. Louis, Illinois 62202

FLIGHT LOG

[illegible]

REMARKS

[illegible]

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
Feb 15, 1973					10	78:31	2190.31	10 78:31		
I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition when described. As per records. William B. Subl										
TOTALS FORWARD										
TOTALS TO DATE										

A+F 1487338 IA

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

list of Discrepancies

Rivets on Stabilizer Bracket Replaced.

Weld carb Heat Box or Replace

Repair Heat Muff.

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENS NUMBE
			Up	Down	Hours	Min.				
I certify that this aircraft has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>Feb 23, 1973</u> Signed <u>Martin Beck</u> for SISK AVIATION ACTIVITIES, INC. Approved Repair Station 3343 P. O. Box 31, East St. Louis, Illinois 62202								TACH Time	1078	
								Work Order	2887	
TOTALS FORWARD										
TOTALS TO DATE										

REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
9-15-73	REMOVED ENGINE S/N L-8072-36A FOR OVERHAUL. TACH TIME 1139.39 HRS., TOTAL TIME ON ENGINE SMOH 1145.39 HRS. TOTAL TIME ON AIRFRAME 2217.39. TACH WAS CHANGED AT 1112 HRS. SEPT. 1967. <i>George P. Embury</i> E. 1578564 SISK AVIATION 2251.39 E. ST. LOUIS, ILL.
10/73	TACH 1139.39 TOTAL 2217.39 INSTALLED ENGINE TOTAL TIME 300 TSO - 0.0 HRS ENGINE S/N L-11732-36A SISK AVIATION ACTIVITIES, INC. WORK ORDER 3224 <i>[Signature]</i> APPROVED REPAIR STATION 3343 P. O. BOX 31, EAST ST. LOUIS, ILLINOIS 62202

FLIGHT LOG

NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS REMARKS	SIGNATURE	LICENSE NUMBER
		Up	Down	Hours	Min.				
MAR. 1, 1974									
I certify that the altimeter and static tests required by far part 91.170 have been performed. The altimeter was tested to <u>10,000</u> feet on <u>MAR. 1, 74</u> static system test. Date <u>MAR. 1, 74</u>							WORK ORDER # 3793 TACH. TIME 1148.82		
Signed <u>Paul T. Roberts</u> SISK AVIATION ACTIVITIES, INC. Approved Repair Station 0240 P.O. Box 31, East St. Louis, Illinois 62202							INSTALLED NEW AIR SPEED IND. S/N 9218		
TOTALS FORWARD									
TOTALS TO DATE									

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I certify that this aircraft has been inspected in
accordance with ANNUAL inspection
and was determined to be in airworthy condition.

Date 3-1-74

Signed Thomas W. Dolman for

SISK AVIATION ACTIVITIES, INC.

Approved Repair Station 3343

P. O. Box 31, East St. Louis, Illinois 62202

COMPLY WITH AD
72-12-2 BY LUBRICATION
OF ALL FLIGHT CONTROL
& LANDING GEAR CONTROL
ROD ENDS

TACH TIME 1148.82
WORK ORDER 3703

RADIO INSPECTION AND REPAIR

FREQUENCY CHECKED			REPAIRS		
DATE	INSPECTED BY	RESULTS	DATE	REPAIRED BY	REPAIRS MADE
	TACH TIME 1240.50 WORK ORDER 3433				
	I certify that this aircraft has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition.				ALL WHEEL BEARINGS PACKED BATTERY SERVICED, ALL LIGHTS CHECKED, ALL FILTERS CHECKED & CLEANED, ALL CONTROLS CHECKED & LUBRICATED.
	Date	<u>2-11-75</u>			LANDING GEAR RETRACTED & CHECKED ALL FITTINGS GREASED.
	Signed	<u>Thomas W. Dohmann</u> SISK AVIATION ACTIVITIES, INC. 1A2111007			RIGHT FUEL TANK SEALED NEW PANEL LIGHT RHOSTAT INSTALLED
	Approved	Repair Station 3343 P. O. Box 31 East St. Louis, Illinois 62202			COMPLY WITH AD 73-21-1 INSPECTION & LUBRICATION OF ALL ROD ENDS.

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
								NARCO ELT Installed STATION 116 ON EXISTING Radio Rack See current Weight + Balance →		
TOTALS FORWARD										
TOTALS TO DATE										

REMARKS

THIS ENTRY
CONTACT
ALL PREVIOUS TOTAL
TIMES SINCE
IN ERROR
SAFETY

DATE INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

6-6-75 TACH Time 1278.21 TOTAL Time 2390.21

Re-computed Weight and Balance For all presently
installed Equipment - Initiated Airworthiness Directive
Compliance List To date (See Rem Log), See FAA FORM
337 Dated This Date For Equipment installations.

Replaced ELT BATTERY EXP DATE NOW NOV 76 - Replaced Nose
TIRE. Right BRAKE Linings - Shimmed Nose Steering Linkage

Complied with AD NOTES 73-21-1 PARA. A+C and 75-09-08
inspect Engine Mount. AD note 75-07-5 propeller - Complied
with By WAISTO. DATE 10-11-73 TACH 1139 Due

AGAIN TACH 2139. I CERTIFY THIS AIRCRAFT HAS BEEN
INSPECTED IN ACCORDANCE WITH ANNUAL

Replaced chains Aileron INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.

SERVOES cleaned and

PAINTED BATTERY BOX, Secured ALL Radios.

SIGNATURE OF AUTHORIZED INDIVIDUAL

RATING

LICENSE NO.

6-6-75
TACH 1278.21
TOTAL 2390.21

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				

N5655Q

LOG BOOK ENTRY

Date 1-23-76

THIS AIRCRAFT STRIPPED AND REPAINTED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. CONTROLS BALANCED IN ACCORDANCE WITH MANUFACTURERS'S SPECIFICATIONS AND/OR A D NOTE. NO PLACARDS INSTALLED.

PAINT BRAND Dupont Imron

COLOR whit 8174

COLOR lt blue 71654

COLOR dk blue 815014

A&P2127649

Albert S. Gooden, Jr.

TOTAL

TOTALS TO DATE

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

1976

6-19-76 TACH 137911 TT 249111

C/W AD 75-09-08 insp. engine mount - C/W PART.
 A+C AD 73-21-01 - welded Ex pipe and tail pipe -
 replaced all Ex gaskets - adj. main gear down -
 bleed brake sys - replaced all brake linings - replaced
 1 main wheel bearing & lubed all controls.

I certify that this aircraft has been
 inspected in accordance with ~~AN ANNUAL~~
 inspection and was determined to be in
 airworthy condition."

Norman E. Walters, Jr.
 A&P 2107832-IA

Norman Walters

REMARKS

DATE

12-17-76

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

TESTED VARCO AT-50 TRANSPONDER
AND FOUND IT TO COMPLY
WITH AC 91.177
By Michael R. Bark 12-17-76

Arch Avionics
Bi-STATE PARKS AIRPORT
1400 UPPER CAHOKIA RD.
EAST ST. LOUIS, ILL.

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
7-25-77	TACH				1508	80		TOTAL TIME 2620.80		
checked all controls and surfaces, lubed all controls and pulleys, jacked aircraft and performed retraction retraction check. Found to be OK, cleaned and packed wheel bearings, checked brakes. checked electrical system replaced at brake lining, "I certify that this aircraft has been inspected in accordance with AN ANNUAL inspection and was determined to be in airworthy condition." Norman E. Walters, Jr. A&P 2107832-1A <i>Norman Walters</i>										
TOTALS FORWARD										
TOTALS TO DATE										

REMARKS

REPLACE ELT BATTERY BY:

OCT 28 1979

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

6-14-78 TAC TIME 1549.0 TOTAL TIME 2661.80

REPLACED ELT BATTERY - NEW REPLACEMENT DATE
IS OCT 28, 1979

REPLACED BOTH BRAKE DISCS

SERVICED HYDRAULIC RESERVOIR

REPLACED CARBURETOR AIR FILTER ASSEMBLY

SEE FORM 337 FOR NEW FILTER INSTALLATION
DETAILS

REPLACED VOLTAGE REGULATOR

REPLACED GENERATOR BRUSHES AND BEARINGS

FREED TURBOCHARGER BY REPOSITIONING
CLAMPS

REPLACED ALL AIR DUCT HOSES IN ENGINE

COMPARTMENT ——— CONTINUED NEXT PAGE

FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
~~~~~ CONTINUED FROM PREVIOUS PAGE   COMPLIED WITH THE FOLLOWING AO'S   73-21-1 "CONTROL SYSTEM &amp; LANDING GEAR RIGGING AND CORROSION CHECK"   COMPLIED WITH PARA. (a) BY INSPECTION AND LUBRICATION, PARA. (c) BY LUBRICATION AND RETRACTION INSPECTION.   75-09-08 "ENGINE MOUNT INSPECTION"   COMPLIED WITH BY INSPECTION IN ACCORDANCE WITH BULLETIN M20-192 OF THE AFFECTED AREAS   7.7-17-4 "CONTROL WHEEL CRACKS" COMPLIED										
TOTALS FORWARD			WITH BY VISUAL & AND DYE PENETRANT							
TOTALS TO DATE			INSPECTION OF FIRST 2" OF CONTROL WHEELS.							

## REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
	I CERTIFY THAT THIS AIRCRAFT  HAS BEEN INSPECTED IN ACCORDANCE  WITH AN ANNUAL INSPECTION AND  WAS DETERMINED TO BE IN AIRWORTHY  CONDITION   TAC 1549.0      David M. Stern   TOTAL 2661.80      RP 1554486 IA   10/8/78 Inspected EIT - NY Limber   5/10/79 Complied with 91:170 to Altimeter (Part 43 Appendix E)   Pln 22-977-02 SN C571, tested to 20,000 ft.                                    Peter H. Friedman CR 54307                                    Midcoast Aviation Services 5th



## FLIGHT LOG

[illegible]

## REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I certify that the static system and Altimeter  
has been inspected & checked as required  
by FAR 91.170 - The altimeter Part no ^{S/N 8571} 22-977-02  
was checked To 20,000 Feet by Midwest Avia.  
Services Lambert Int. Airport on 5-9-79  
May 15 1979 Jeff Parker AOP 321500681





## REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

5-5-80  
TACH 1772 REMOVED MAR 10 MK 12 + VOA-4, INSTALLED KING  
KX175B AND K1201C USING EXISTING AUDIO, POWER & ANTENNA  
CONNECTIONS

The Aircraft and/or component(s) was  
repaired and inspected in accordance with current  
Federal Aviation Regulations and was found airworthy  
for return to service. Pertinent details of the repair  
are on file at this agency.

under work Order No. 5482

Date 5-8-80

Signed



Signature of Authorized Individual

**OZARK AIRCRAFT-RADIO COMPANY, INC.**

**FMA APPROVED**

**REPAIR STATION 3329**

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
8/29/80	Tech Time				1809			TOTAL TIME 292110		
AD 73-21-01 C/w By INSP. AD 75-09-08 C/w By INSP. I certify this aircraft has been inspected I/A/W an annual inspection and deemed to be in airworthy condition. Melvin Edrington IA 1646714										
TOTALS FORWARD              TOTALS TO DATE										

## REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

8-4-81 I certify that the static system and altimeter  
has been inspected and checked as required by FAR 91.170  
The altimeter was overhauled by Arkansas Inst.  
Ark. Inst WO# 22919. J. J. J. APB21500681



# FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
7-20-81	TACH 1960	INSTALLED			NARCO DME 890		AND NARCO A12500	PER AC4313		
	-1A & 2A.	SEE WEIGHT & BALANCE			THIS DATE		AND FAA FORM 337	PER 91.177		
	TRANSPONDER	BIENNIAL			CHECK		PER FAR 91.177.			
The Aircraft and/or component identified was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.										
under work Order No. <u>10099 &amp; 10098</u>										
Date <u>7-20-81</u>										
Signed <u>Robert Crank</u>										
Signature of Authorized Individual										
<b>OZARK AIRCRAFT-RADIO COMPANY, INC.</b>										
<b>FMA APPROVED</b> <span style="margin-left: 100px;"><b>REPAIR STATION 3029</b></span>										
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

DATE

INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

9-16-81 Replace ELT Battery Narco ELT 10 Due 9-28-82

Jeffrey AP 321500681

3076  
1964

1112

8/1/81 Tach 1964 HRS TOTAL Time 3076 HRS.

C/W AD 73-21-01 + 75-09-08, AND 77-17-04 due  
AT Tach 2049. I certify This AIRCRAFT HAS BEEN  
INSPECTED I/A/W AN ANNUAL INSPECTION AND FOUND TO BE  
AIRWORTHY. Melvin A. Daugherty 1646714-IA

3169

2057

1112

~~4/11/82~~ 8/2/82 Tach 2057 HRS TOTAL Time 3169. C/W AD73-21-01 + 75-09-08 + 77-17-4. I CERTIFY THIS  
A/C HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION  
AND FOUND AIRWORTHY. Melvin A. Daugherty 1646714-IA  
7714-4 due AT 2557 HRS.





## REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

11/21/84 TACH 2225 HRS. C/W AD'S 73-21-01 FLT CONTROL & LGG GEAR

75-09-08 ENGINE MT Insp. - 78-17-01 ELT ANT. (RESISTANCE OK)

81-18-04 OIL PUMP GEARS DUE AT 2000 HRS. ENGINE TIME

OR ENGINE O.H. 77-12-06 PROP AD C/W. (SEE MAINT RELEASE)

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED I/A/W AN ANNUAL

INSPECTION, LANDING GEAR RETRACTION OK. GENERAL AVIATION ALERT

RECOMMENDS INSPECTING GEAR HANDLE LOCKING PIN FOR WEAR.

OK AT THIS Insp. THIS AIRCRAFT FOUND AIRWORTHY.

Melvin Doulos 1646714 IA

11/27/84 VOR's recalibrated to within  $\pm 2^\circ$

J. A. Porter  
CRS D07-23



## REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

11/27/85 TACH 86.8 Replaced both main gear shock  
 Disks (sea) for excessive collar clearance, replaced  
 ELT BATT (next due Oct '87), replaced Vacuum  
 TTA 3580.8 relief filter, installed helicoil R/wing tie down ring,  
 3450.8 replaced H/brake pressure plate lining, replaced  
 sea soap & brg on nose wheel, re-rigged R/lidg gear  
 to come up all the way, serv hyd reservoir,  
 cleaned int air filter maze, greased prop &  
 ck'd track, ck'd retraction

AVIATION SPECIALTIES CO.  
 Grant W. Stephensen  
 3909 S. Airport Road Bldg N19  
 Ogden, Utah 84405 - 394-4144

I CERTIFY THAT THIS AIRCRAFT N3655G  
 HAS BEEN INSPECTED IN ACCORDANCE  
 WITH AN ANNUAL INSPECTION AND WAS  
 DETERMINED TO BE IN AIRWORTHY  
 CONDITION.

*Grant W. Stephensen*  
 GRANT W. STEPHENSEN  
 A & P 1402436

Inspection Authorization

DATE 11-27-85 TACH 86.8



# FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
4/5/87	TACTIME				17	09		compression CK Eng #1 71/80 #2 70/80 #3 71/80 #4 90/80, safety KEA mission Lt 6 Rt wing leveler actuator, Bolt on Rt main gear Loose & Back out Relaxed, Lt good vertical ACT 1987, Refueled all wheel Bearings, CK. All lights, CK All AD Notes & c/w, AD 77 17 04, DUE AT 3669 A/C CHANG BRAKE PADS certify that the has been inspected in accord- ance with a <u>AD 1</u> inspection and was determined to be in airworthy condition. Aircraft total hrs. <u>3635.9</u> Engine total hrs. <u>1284</u> Name <u>Robert C. Leary</u> Rating <u>FA 1510 258</u> Date <u>4/5/87</u>		
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
4-22-1988 TACK 267.81	COMPLETED 100 HR INSPECTION ON AIRCRAFT PER INSPECTION REPORT, COMPLIED WITH AD 77-17-04 ON CONTROL WHEEL, AD 73-21-07 ON LANDING GEAR PART A E C, AD 75-09-08 MOUNT INSPECTION PART A NEW ELT BATTERY IS ON ORDER. THIS AIRCRAFT IS CONSIDERED TO BE AIRWORTHY WHEN 2 ITEMS BELOW ARE COMPLIED WITH. ADP 529484666
Date <del>4-22-88</del> Time in service <del>3731.80</del>	"I certify that this aircraft <del>3718.61</del> has been inspected in 3631.8
accordance with <u>ANNUAL</u> inspection and was determined to be in air worthy condition."	3364 267.8 3631.8
<u>Wayne Wilkinson</u> IA 529484666	
1 - AD 85-24-03	
2 - SWING COMPASS AND NAME CARD	

# FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	C/W AD 85-24-03							WATER ENTANGLEMENT in fuel cell NO holes were sealed. cleaned old fuel cell separator in AREA suspected of leaks. Resealed & Leak CK'd good.		
MAINTENANCE RELEASE										
THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS <del>OVERHAULED</del>/REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND DETERMINED TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. ....										
DATE ..... 20 MAY 88										
SIGNED <i>R. Hoffmann</i>										
OGDEN AIR SERVICE MUNICIPAL AIRPORT OGDEN, UTAH      FAA REPAIR STATION S-67 <del>24</del>										
TOTALS FORWARD										
TOTALS TO DATE										



## REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

APRIL 20, 1989 TACK 340.94 TT. ~~2592.94~~  
 COMPLETED 100 HR INSPECTION ON AIRCRAFT  
 PER INSPECTION REPORT. INSTALLED OVERHAULED  
 PROPELLER, REPAIRED AIR CLEANER OUTER  
 SCREEN HINGE, COMPLIED WITH AD 73-21-07  
 PART A & C AND AD 75-09-08 PART A, FLT  
 GOOD UNTIL 91, INSTALLED, COMPLIED WITH AD.  
 NEW BRAKE DISCS 75-09-08 PART A & C  
 BOTH WHEELS, AIRCRAFT  
 IS DETERMINED TO BE  
 IN AIRWORTHY CONDITION  
 THIS DATE. AEP 529484666

*Wayne Wilkinson*

Date ~~4-20-89~~ Time in service ~~2592.94~~  
 "I certify that this aircraft  
 has been inspected in  
 accordance with ANNUAL  
 inspection and was determined  
 to be in air worthy condition."

*Wayne Wilkinson* IA 529484666

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
APRIL 25, 1990	TACK				425.04		N/C T.T. 2677.04			
COMPLETED 100 HR INSPECTION ON AIRCRAFT PER INSPECTION REPORT, COMPLIED WITH AD 73-21-01 LANDING GEAR AND 75-09-08 ENGINE MOUNT, OVERHAULLED RT BRAKE CYLINDER, BLEAD BOTH WHEELS, CHECKED BRAKES PACKED WHEEL BEARINGS, SERVICED BATTERY FLT. GOOD UNTIL 1991.										
								Date 4-25-90 Time in service 2677.04		
								"I certify that this aircraft has been inspected in accordance with ANNUAL inspection and was determined to be in air worthy condition."		
								Jayne Wilkins IA 529484666		
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

APRIL 10, 1991 TACK 487.37

COMPLETED 100 HR INSPECTION ON AIRCRAFT  
PER SERVICE MANUAL COMPLIED WITH AD-73-21-01  
PAR AELC, INSTALLED NEW VLT BATTERY, ADJUST  
RT GEAR OVER CENTER LOCK TENSION.

Date 4-10-91 Time in service 487.37

"I certify that this aircraft  
has been inspected in

accordance with ANNUAL.....  
inspection and was determined  
to be in air worthy condition."

*Wayne Wilkins* IA 529484666





## REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

I certify that the ATC Transponder and Encoder tests and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix E & F

REMOVED TRANSPONDER &  
PERFORMED ALIGNMENT CHECK

Xpdr. Make NARCO Model AT50 SN 16BP4

1. G.W. NARCO MM, REINSTALLED

Enc. Make NARCO Model AR500 SN 22808

IN A/C. PERFORMED FAR 91.413

Details on file at this agency under

& 43 APPEND F

W.O. # A 2357 Dated 11-26-91

TAC/Hour Meter 532.39

Signed Bill Dyer Date 11-26-91

W.O. A 2357 Date 11-26-91

MILLION AIR

R.S. #FGQR883D

OWB Airport, Owensboro, KY

Signed

Insp. for

MILLION AIR

R.S. #FGQR883D

OWB Airport

Owensboro, KY 42302

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
FEB 11, 1992			TACK		0534.61		A/C TT. 2786.61			
COMPLETED 100 HR INSPECTION ON A/C PER SERVICE			MANUAL, WELD NOSE COWL BRACE, PAINT & RE-		INSTALL WITH NEW SCREWS, COMPLIED WITH		AD 75-09-08 & SB M20 192 PART 2A BY			
INSPECTION, COMPLIED WITH AD'S 73-21-01 AND			90-04-06 BY INSPECTION.				Date 2-18-92 Time in service 2786.61			
							"I certify that this aircraft			
							has been inspected in			
							accordance with <u>ANNUAL</u>			
							inspection and was determined			
							to be in air worthy condition."			
							James J. Robinson			
							IA 529484666			
TOTALS FORWARD										
TOTALS TO DATE										



## REMARKS

AVIALL 852166  
 REPLACE ELT BATTERY BY:  
 APR 95 ^{NAVED}  
 ELT10

DATE INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

Sept. 25, 1992 Tack 574.09 ~~AVIALL~~ TOTAL TIME 2826.09  
 Installed new Fuel Tank Drain Values in both Left and Right  
 Fuel tanks. Installed Mooney Kit M20-1881 and M20-188-2A.  
 New Fuel Tank Drain Values in Left and Right Fuel Tanks  
 in accordance with Mooney instructions accomplished  
 S.B. M20-188A. *K. J. Schward* AEP 527764953

Tack 580.4 T.T. H/c 2832.4 ELT Batt dated

Annual Insp complied with AD's 75-9-8 Revert Insp. 73-21-1 ^{control} _{sys.}  
 Insp. All pulleys cables and controls, wheel brakes  
 and brakes, swing gears. Complied with 90-04-06 R1  
 By installing steel fittings on both prop & prop governor and installing  
 flex hose according to AD 90-04-06 R1 APPENDIX 2

5/26/93 *W. J. Schward* TA#1802926

2264  
 580.4  
 3944.4

## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
	TACT 6-8.1 TT						73-21-1, 75-9-8 ELP BPT DAT 100 AP-95			
	Annu Insp compl. w/ AD's						Insp. All pulleys cables And controls With no BRAKE NO Brakes, SURE GRASS			
							I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND AS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.  5/24/94			
							U.S. Police ID# 1802921			
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

TACH 647.9 T.T. AC 2829.9

Annual Insp. Insp. All pulleys cables  
 And controls complied with AD's 73-21-1, 75-9-8  
 By Insp. Insp. with no BIRMINGHAM BROKERS AND FINANCIAL.

I certify that this aircraft ~~has~~ has been  
 inspected in accordance with an annual in-  
 spection and has been determined to be in  
 an airworthy condition.

6/13/95 W.S. Rhine JAH/1802926

# FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
10 July 96	TACH				723.45			(1836.35 TSMOT; 2975.45 TIAF)		
"I certify this AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION." J. A. V.								Performed ANNUAL I/A/W FAR 43 APPENDIX Replaced VAC Regulator Filter (B3-5-1) Replaced All brake pads (066-11100) Freed stuck Rotating Beacon Motor AND Replaced 1 Beacon Bulb. Repacked wheel bearings. Serviced & charged Dead Battery. Serviced BRAKE Reservoir. WASHED AIRCRAFT. Lubbed Flight Controls & GREASED Zerk Fittings J. A. V. APR 1996		
TOTALS FORWARD										
TOTALS TO DATE										



## REMARKS

DATE

97

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

9/10 - S/C tael. 759. TT 4123. Completed annual inspection for  
FNR43, app'd. Checked AD items - See RTP report. CW AD  
73-21-01 Rigged landing gear CW AD 75-09-08 maint  
Replaced with P/N L590000-509. CW AD 77-14-09 Control Wheel  
OK & AD 76-07-12 mag switch OK. Completed minor repair  
to vertical stabilizer. Replaced landing gear main  
Shock disks. Replaced both brake lines in gear area  
Replaced step connector. Replaced fuel hoses in engine  
area - Replaced fuel tanks. Gear, wheels & brake  
serviced, retraction completed & used. Installed  
gaps injector

See next page

# FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
			DATE <u>9-10-97</u> TACH TIME <u>759</u> TOTAL TIME <u>4123</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>Amtrak</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.							
			WO# <u>5467</u> EPDR645D <u>Orville</u> EXECUTIVE FLIGHT INC. E WENATCHEE, WA 98802 CERTIFIED AIRCRAFT PER FAR 91.411 AND/OR 91.413 AND COMPLIES WITH PART 43 APPENDICES 'E' AND/OR 'F'.							
			<u>NA</u> <u>NA</u> <u>NA</u> <u>NA</u> ALTIMETER TO <u>18000</u> FT. ALTITUDE REPORTING TEST STATIC SYSTEM TEST INTEGRATED SYSTEM TEST ATC TRANSPONDER TEST EFI PANGBORN FIELD E WENATCHEE, WA 98802							
TOTALS FORWARD										
TOTALS TO DATE			WO# <u>5467</u> DATE <u>9/10/97</u> SIGNED <u>Orville</u>							

## REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

9-19-99 TACH 764.54 Aircraft # Avionics Int'l Maint;  
 YW AD85-24-103(b) replaced O-rings;  
 R & R N/G Bushings (+10) & Discs,  
 set center.

This aircraft and/or component was  
 repaired and inspected in accordance  
 with current Federal Air Regulations and  
 was found to be airworthy for return to  
 service. W.O. 97-232

Pertinent details of the repair/work are on  
 file at this repair station in Work Order 97-232

F.A.A. APPROVED REPAIR STATION NT3R722L  
 LAKE AERO STYLING & REPAIR  
 LAMPSON FIELD - P.O. BOX 545  
 LAKEPORT, CA 95453 - (707) 263-0412

Paul E. Law

## FLIGHT LOG

[illegible]



## REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

14 NOV 97 TACH 798 Repaired RH Fuel Tank & LH wing  
tip & Landing light; Installed  
Sun Visors - high weight change

This aircraft and/or component was  
repaired and inspected in accordance  
with current Federal Air Regulations and  
was found to be airworthy for return to  
service. W.O. 97-278

Details of the repair/work are on  
at this repair station in Work Order 97-278

A. APPROVED REPAIR STATION NT3R722L

LAKE AERO STYLING & REPAIR

AMPSON FIELD - P.O. BOX 545

PORT, CA 95453 - (707) 263-0412

Paul E. Lawrence



## REMARKS

DATE

INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

6-5-98 Install new tires on all wheels.  
Replace one brake pad. Install new bolts and  
bushings in retraction and a right gear.  
Resort brake line so as not to rub on landing gear  
during retraction.

STD Piny A+P 564 465307

7-17-98 C/w AD 77-1704 inspection of  
Pilots C/w & C/w - S.B. M20-264  
reinforced with gussets

F.A.A. CRS NT 3R 722 C

LAKE ARRO

Paul L. Lauer

## REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

23 NOV 1998 TACH 929.0 TOTAL TIME 4293.0 ANNUAL INSP: ELT BATT EXPIRES 9-99;  
R&R INST FILTER, GEAR HORN, NOSE GEAR, MLG BRAKE PADS, JOHNSON  
BAR BOOT, RAT SOCKS, CABIN SPKR; INSTALLED LASAR KIT 103B-BRAKE  
ROTATION, KIT 103A-WHEEL WELL LINER, KIT 122A-OVERSIDED NLG  
BUSHING, KIT 119-"201" STYLE WINDSHIELD, SEE 337; C/W S.B. M20-208  
BY INSP-OK; AD's 85-04-03(b) REPLACED O-RINGS — DUE NEXT ANNUAL,  
76-07-12R1 BY INSP, , 98-21-26 NA BY S/N, 73-21-01 BY LUBE & INSP, 98-24-11  
VERIFIED PCW 7-17-98 PER S.B. M20-264-NO LONGER APPLIES; GEN'L MAINT.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in  
airworthy condition. Pertinent details of the repair/work are on file at this repair station in Work Order 98-248.

LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L,  
4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412.

*Geno P. Ferraro*

9 DEC 1998 TACH 939.8 R & R UPPER VERTICAL STAB SKIN P/N 450000-7, IAW MOONEY  
SERVICE MANUAL, CHAPTER 51-14-00.

I certify this component was repaired and inspected in accordance with current Federal Aviation Regulations  
And was found to be airworthy for return to service. Pertinent details of the repair/work are on file at this  
Repair station in Work Order 98-305

LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L,  
4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412

*Gaul E. Loewen*



## FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
<b>AIR YOSEMITE</b> 10735 AIRPORT ROAD COLUMBIA CA 95310 PH 209 532 3855										
<b>7/15/99 N5655Q TACH 960.0 TOTAL 4324.0</b>										
Remove engine for overhaul, reinstall after overhaul with new engine mounts. Installed Slick Lasar Ignition System. Compute new Weight and Balance. See 337 form this date.										
Steven D Pinley A&P564665307 										
<b>TOTALS FORWARD</b>										
<b>TOTALS TO DATE</b>										

TACH: AT 2800, READ 2720

REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIR

N 56550

I CERTIFY THAT THE ALTIMETER, STATIC SYSTEM,  
& ALTITUDE REPORTING TESTS REQUIRED BY FAR  
91.411 & THE TRANSPONDER TESTS REQUIRED BY  
FAR 91.413 HAVE BEEN PERFORMED. ALTIMETER  
TESTED TO 20,000 FT. IAW FAR 43 app E on

Signature [Signature] Date 11-2-99

LAKE AERO STYLING, CRS NT3R722L

Scale Corrections		Alt.	
Alt.	Reads	Add	Reads
-1000			12000 -60
0	-20		14000 -60
500	0		16000 -70
1000	-10		18000 -50
1500	0		20000 -40
2000	0		<del>22000</del>
3000	0		25000
4000	-10		30000
5000	-10		35000
6000	-20		
8000	-20		
10000	-40		

11-2-99 TACH 1012.2

2 NOV 1999 TACH 1012.2, TOTAL TIME 4376.2 ANNUAL INSP: ELT BATT EXPIRES 7-2001;  
R&R LNDG GEAR HORN, MKR/XPDR ANT, NLG DOORS; C/W AD's 85-24-03(b)  
REPLACED O-RINGS, 76-07-12R1 OK BY INSP, 73-21-01 BY LUBE & INSP;  
MAJOR BELLY REPAIR-SEE FORM 337, INSTALLED LASAR KIT 129B -  
SMOOTH BELLY PANEL/KIT 131-COWL CLOSURE - SEE FORM 337;  
GENERAL MAINTENANCE

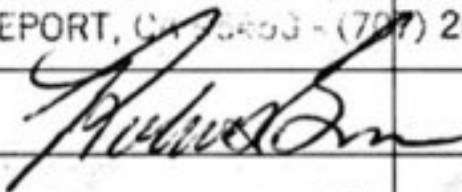
I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL INSPECTION and was determined  
To be in an airworthy condition. Pertinent details of the repair/work are on file at this repair station in Work Order _99-216_.

LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L

4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-263-0420

[Signature] I.A. 446560005.

# FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
2/11/99	TACH 1052.6							Repaired & Tested PC Sys; Repaired Prop control & adjusted.		
This aircraft and/or component was repaired and inspected in accordance with current Federal Air Regulations and was found to be airworthy for return to service. W.O. 99-284								Pertinent details of the repair/work are on file at this repair station in Work Order 99-284 F.A.A. APPROVED REPAIR STATION NT3R722L LAKE AERO STYLING & REPAIR LAMPSON FIELD, P.O. BOX 545 LAKEPORT, CA 95553 - (707) 263-0412 		
12/21/99	CHANGE OIL & FILTER SHELL 100							R283 → TACH 1051.64		
4/5/00	CHANGE OIL SHELL 100							TACH 1089.80		
7/3/00	CHANGE OIL ^{&amp; FILTER} SHELL 100W							TACH 1128.4		
8/28/00	CHANGE OIL & FILTER 100W							TACH		
3/12/01	CHANGE OIL & FILTER 100W							TACH 1232.32		
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

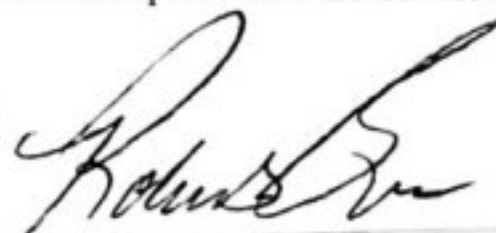
DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

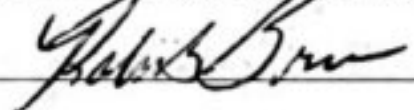
28 MARCH 2000 TACH 1071.7 REPAIRED PC SYSTEM BY REPLACING CONTROL VALVE AND REPAIRING LEAK: REMOVED EXHAUST SYSTEM, SENT OUT FOR REPAIR, REINSTALLED AND LEAK CHECKED OK: REPLACED L/H & R/H FUEL DRAIN VALVES: INSTALLED AIR/OIL SEPARATOR PER STC SA02033AT & REPLACED CARB AIR BOOT; GENERAL MAINTENANCE

I certify this component was repaired and inspected in accordance with current Federal Aviation Regulations And was found to be airworthy for return to service. Pertinent details of the repair/work are on file at this Repair station in Work Order __00-28

LAKE AERO STYLING AND REPAIR,  
4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412



12 APRIL 2000 TACH 1097.0 REPLACED TURBOCHARGER CABLE,  
ADJUSTED CABLE AND OPS CK SATISFACTORY.

 175406002

6/8/01 CHANGE OIL & FILTER TACH 1297.93 ~~RDR~~

10/4/01 REMOVE & REPLACE EXISTING BATTERY WITH NEW CONCORDE RG-35AXC



## FLIGHT LOG

[illegible]

11 JAN 2000 TACH 1112.9 R&R REMOTE GYRO (S/N67294) & EG004 EGT GAUGE AND PROBE.  
OPERATIONAL CHECK SATISFACTORY.

I certify this aircraft was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Pertinent details of the repair/work are on file at this Repair station in Work Order 00-108.

LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L  
4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-26-0420

707-263-0412, FAX 707-  
*Robert M.*

12 JULY 2000	TACH	REPLACED MANIFOLD PRESSURE LINE (SMALL) FROM FIREWALL TO UNION AT LARGE LINE TO CYLINDER AND CYLINDER FITTING. OPERATIONAL CHECK SATISFACTORY
TOTALS FORWARD		Robert Brown 175406002
TOTALS TO DATE		

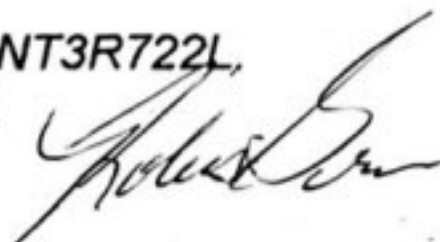
## REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
------	--------------------------------------------------

18 AUG 2000 TACH 1168.25 REPLACED LH OUTER WING SKIN-SEE 337; R&R BAGGAGE DOOR HOLD-OPEN; INSTALLED PROPERLY CABIN ASSIST STRAP & HARDWARE; GENERAL MAINTENANCE.

I certify that this aircraft components have been inspected in accordance with current Regulations and was determined to be in airworthy condition. Pertinent details of the repair/work are on file in Work Order 2000-206.

LAKE AERO STYLING & REPAIR, FAA REPAIR STATION NO. NT3R722L,  
4725 HIGHLAND SPRINGS RD, LAKEPORT CA 95453, 707-263-0412



# FLIGHT LOG

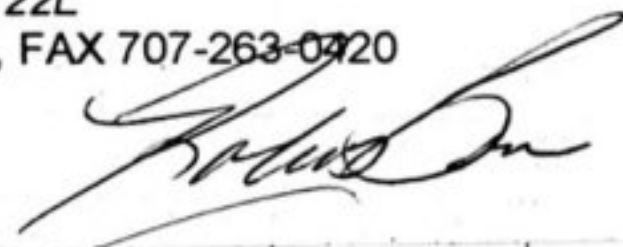
DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				

07 NOV 2000 TACH 1192.2 TT 4556.2 ELT BATT EXPIRES 07-2001; ANNUAL INSPECTION:  
 R&R REQ'D PLACARDS, MLG-CLEANED/PAINTED, BATTERY CABLE, L/R BRAKE PADS, NOSE WHEEL ASSY, MLG RETRACT BOLTS; INSTALLED M20-217-00 FLAP S.B. KIT; INSTALLED AIRWOLF REMOTE OIL FILTER IAW STC SA00024NY-SEE FORM 337; C/W AD's 85-24-03(b) REPLACED O-RINGS, 76-07-12R1 BY INSP, 73-21-01 BY LUBE & INSP; ALSO SEE ENGINE LOGS; ELECTRICAL & GENERAL MAINTENANCE.

I certify that this AIRCRAFT has been checked in accordance with an ANNUAL INSPECTION and was determined to be in airworthy condition. Pertinent details of the work are on file in WO.00-243

LAKE AERO STYLING & REPAIR, FAA REPAIR STATION NO. NT3R722L

4725 HIGHLAND SPRINGS RD, LAKEPORT CA 95453, 707-263-0412, FAX 707-263-0420



30 NOV 2000 TACH 1205.3 REPLACED LEFT MAGNETO TO ADAPTER GASKET DUE TO LEAKAGE, LEAK CHECK NORMAL; GENERAL MAINTENANCE

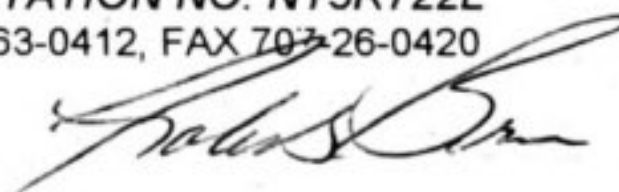
I certify this component was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Pertinent details of the repair/work are on file at this Repair Station in Work Order 2000-288.

LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L

4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-26-0420

TOT.

TOT.



## REMARKS

DATE

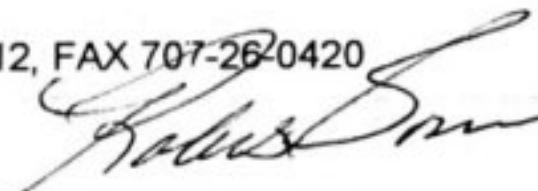
INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

17 JAN 2001 TACH 1223.7 REPLACED ALTERNATOR ADJUST BRACKET AND SHIMMED, CHECKS GOOD; REMOVED #1 COM KX-175B S/N 16693 FOR REPAIR, INSTALLED LOANER KX-175B, S/N 9698 OPERATIONAL CHECK OKAY; GENERAL MAINTENANCE

I certify this component was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Pertinent details of the repair/work are on file at this

Repair Station in Work Order 01-023. LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L

4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-26-0420

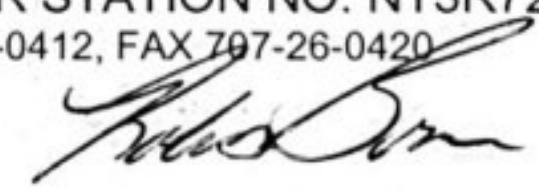


26 FEB 2001 TACH 1223.7 REMOVED #1 COM RADIO S/N 16693 FOR REPAIR, REINSTALLED SAME UPON RETURN, OPERATIONAL CHECK SATISFACTORY, ADJUSTED SIDE TONE; REPLACED BRACKETT FILTER HOUSING DUE TO BROKEN FILTER CLIP.

I certify this component was installed in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Pertinent details of the repair/work are on file at this Repair Station in Work Order 01-23.

LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L

4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-26-0420





## FLIGHT LOG

[illegible]

## REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERA

N 56550

I CERTIFY THAT THE ALTIMETER, STATIC SYSTEM,  
& ALTITUDE REPORTING TESTS REQUIRED BY FAR  
91.411 & THE TRANSPONDER TESTS REQUIRED BY  
FAR 91.413 HAVE BEEN PERFORMED. ALTIMETER  
TESTED TO 20,000 FT. IAW FAR 43 app E on

Signature [Signature] Date 12-21-01  
LAKE AERO STYLING, CRS NT3R722L

TACH 1322.6

Scale Corrections			
Altimeter <u>20,000</u>			
Alt.		Alt.	
Reads	Add	Reads	Add
-1000	-10	12000	-60
0	-5	14000	-80
500	0	16000	-90
1000	0	18000	-100
1500	+10	20000	-80
2000	0	22000	X
3000	0	25000	
4000	0	30000	
5000	✓	35000	
6000	-20		

21 DEC 2001 TACH 1322.6 REPLACE ELT BATTERY AND TESTED IAW FAR 91.207(d), **BATT EXPIRES 12/03**; CMV AD 85-24-03(b) BY O-RING REPLACEMENT, AD 73-21-01 BY LUBE & INSP, AD 76-07-12R1 BY INSP AND FUNCTIONAL TEST, AD 77-17-04 BY INSP; ADJUSTED FLAP RETRACT TIME; REPLACED L/H BRAKE PADS; REPAIRED FUEL DRAIN ON GASCOLATOR; REPLACED PROP GOVERNOR AND THROTTLE ROD ENDS WITH HEIM BEARINGS AND FAIL SAFE WASHERS, REPLACED ROTATING BEACON BULB; REPLACED TRIM SADDLE AND INSTALLED NEW HARDWARE; REPAIRED O/H VENT AND REPLACED O/H INSTRUMENT RHEOSTAT; INSTALLED MISSING ALTERNATOR TO STARTER SUPPORT BRACKET; ELECTRICAL & GENERAL MAINTENANCE.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition. Pertinent details of the repair/work are on file at this repair station in Work Order 01-244.

**LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L**  
4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-263-0420

[Signature]

# FLIGHT LOG

[illegible]

10 DEC 2002 TACH 1410.5 TT 5179.5 ANNUAL INSPECTION: ELT BATT EXPIRES 12-03, TESTED PER FAR 91.207d; R&R INST FILTER, R/L BRAKE PADS, ADJUSTED ENCODER ALT REPLY, PILOTS SIDE INST PANEL LORD MOUNTS, MLG TIRES/TUBES, CORROSION TREATMENT UNDER ELT ANT MOUNTING, NLG TRUSS ASSY; CW AD'S 85-24-03(b) REPLACED O-RINGS, 76-07-12R1 BY INSP, 02-09-08 NA BY ENG SUBMODEL & PROP P/N, SB M20-263 OK BY INSP; ALSO SEE ENG & PROP LOG; GENERAL & MAINTENANCE.

I certify that this AIRCRAFT has been checked in accordance with an ANNUAL INSPECTION and was determined to be in an AIRWORTHY condition. Pertinent details of the work are on file in WO.02-339  
**LAKE AERO STYLING & REPAIR, FAA REPAIR STATION NO. NT3R722L MAINTENANCE**  
**4725 HIGHLAND SPRINGS RD, LAKEPORT CA 95453, 707-263-0412, FAX 707-263-0420**

MAINTENANCE  
707-263-0420  
*[Signature]*

24 NOV 03	CHANGE OIL & FILTER	SHELL 100W, 1 CAN	AVBLEND, TACH	1456.16
TOTALS FORWARD				
TOTALS TO DATE				

## REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

N 56550

I CERTIFY THAT THE ALTIMETER, STATIC SYSTEM,  
 & ALTITUDE REPORTING TESTS REQUIRED BY FAR  
 91.411 & THE TRANSPONDER TESTS REQUIRED BY  
 FAR 91.413 HAVE BEEN PERFORMED. ALTIMETER  
 TESTED TO 20,000 FT. IAW FAR 43 app E OR

1-9-04

Signature

Date

1-9-04

LAKE AERO STYLING, CRS NT3R722L

1-9-04 TACH 1464.3

28 JUN 04 CHANGE OIL &amp; FILTER, SHELL 100W, 1 CAN AVBLEND

## Scale Corrections

Altimeter 20,000

Alt.		Alt.	
Reads	Add	Reads	Add
-1000	+5	12000	-90
0	-10	14000	-100
500	-5	16000	-110
1000	-5	18000	-120
1500	-10	20000	-120
2000	-20	22000	X
3000	-20	25000	
4000	-20	30000	
5000	—	35000	
6000	-30		
8000	-40		
10000	-80		



# FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				

20 JAN 2004 TACH 1464.3 HRS TT A/C 5233.3 HRS REPLACED ELT BATTERY; TESTED ELT IAW FAR 91.207(d) **BATT. EXPIRES 12/05.**

C/W

AD73-21-01 BY LUBE & INSPECT NEXT DUE @ 1564.3 OR ANNUAL 01/31/04

AD76-07-12R1 BY INSP & FUNCTIONAL TEST, NO DISCREPANCIES NOTED

AD77-17-04 NEXT DUE @ 1822

✓ AD85-24-03(b) BY O-RING REPLACEMENT, NEXT DUE @ 1564.3 OR ANNUAL 01/31/04

✓ AD03-13-08 B.F.GOODRICH TAWS — N/A — NOT INSTALLED

✓ AD03-14-03 N/A BY P/N (RG15980P INSTALLED)

R&R INSTRUMENT FILTER; INSTALLED NEW NOSE GEAR TIRE & TUBE; RELAMPED GEAR UP LIGHT; CLEANED AND LUBED ROTATING BEACON FOR SMOOTHER OPERATION; TIGHTENED BOLT ON LMG LOWER SHOCK LINK BOLT; REPLACED ALL SEAT ROLLERS; INSTALLED SERVICEABLE TURN COORDINATOR; REPLACED PC SERVO BOOT AND ADJUSTED PC CENTER; INSTALLED NEW MAGNETIC COMPASS; ALSO SEE ENG. & PROP LOGS.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition. Pertinent details of the repair/work are on file at this repair station in Work Order 03-350.

**LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L**

4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-263-0420

TOTALS FORWARD							
TOTALS TO DATE							

# REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

MAKE: MOONEY  
MODEL: M20C  
S/N: 3026  
REG. NO: N5655Q  
WORK ORDER:  
272-06-2004



**Lake Aero Styling & Repair**

Repair Station No. NT3R722L  
4725 Highland Springs Road  
Lakeport, CA 95453  
Phone: 707-263-0412

DATE: 6/24/2004  
A/C TSN:  
TACH: 1486.28

## Airframe Entries

(2) R&R turbo, P/N 646396 S/N TKO177P, leak and operational check normal.

## Maintenance Release

The aircraft and/or component(s) on N5655Q was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 272-06-2004, Dated 6/24/2004.

DATE: 6/24/2004

SIGNED:

Work Order: 272-06-2004

N5655Q 10/07/04 Tach time: 1526.71 Removed #2 KX 175B and indicator. Moved #1 KX 175B with glideslope down to #2 and moved King indicator to #2 hole. Installed Garmin GNS 430 (s/n 97123250) as #1 radio. Installed GI-106A (s/n J04-10178) indicator in #1 hole. See completed 337 dated 10-07-04 for further information. Completed weight and balance and completed log book labels Completed FAA form 337, Flight Manual Supplement, flight test, and Flight Evaluation Report for IFR Certification of Garmin 430. Pertinent details of repair are on file at this Repair Station under Work Order # 836.



**Eagle's Nest Aviation**  
Quality Aircraft Services

1465 S. State Street, Ukiah, CA 95482  
707-462-0110

Daniel R. Leigh  
A&P 558743257 IA

# FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
2/7/05								complied with AD 73-21-01 by inspection of Landing gear + Flight control Rod ENDS for corrosion + Binding, Rigging and Release next due 1660.9 TACH		
1560.9 TACH								complied with AD 76-07-12 R1 Insp of MAG. starter switch next due 1660.9 TACH		
5329.9 TTA								Replaced ELT Battery next due 1107		
								Inspected ELT 'G' switch + ELT output in accordance with FAR 91.207 next due 2/06		
								Performed corrosion X treatment of Air frame.		
TOTALS FORWARD								cont →		
TOTALS TO DATE										

## REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

cont 2/7/05 ANNUAL ENTAM

Replaced nose wheel Bearings with new  
P/N 08125 cone (2) & 08231 cup (2)Replaced L & R MLG Brake pads 105-00200  
Resealed Fuel Strainer.

I CERTIFY THAT THIS Aircraft  
HAS BEEN INSPECTED IN  
ACCORDANCE WITH A ANNUAL  
INSPECTION AND WAS DETERMINED  
TO BE IN AIRWORTHY CONDITION.

KYLE K. GABEL  
A & P 50376719A

Ground Runs systems ✓ & looks  
satisfactory



# FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
1-11-06								Removed KI-214 and Installed KI-208 unit unit as per manual spec. Weight and Balance change made. W/O 6542. Reddy Aircraft is Per LD20339K B. J. Dy		
1-11-06								Removed AT-50 and Installed GTX-320A S/N 83810851 using Garmin AT-50 adapt mag. cert. find unit as per Form 91.413. W/O 6522 Reddy Aircraft is Per LD20339K B. J. Dy		
TOTALS FORWARD										
TOTALS TO DATE										

## REMARKS

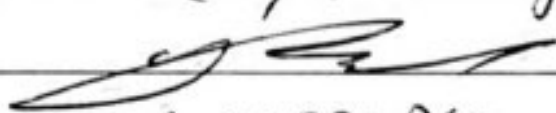
INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

DATE

1-11-06 Removed Alt. Replaced with new 20k  
P/N 5934P-3 S/N 450395. Ran cert. test as  
per FAR 91.411 to 20,000 ft. w/o 6J3R  
Redding Aerotron P/N LD2R339 K  
B. Dy



# REMARKS

DATE	INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS
entd.	AD 76-07-12 Curb ops check of Ignition switch ok, 0 ve 1774-0. Ground run, LARK 2 ops checked ok. Michael D. Cavanaugh A2K8490A/P
12/18/06 1738.02TACH	Removed manifold Pressure / Fuel Pressure Gage P/N 22-260-04 S/N B55610 for overhaul overhauled by OTTO'S INST RLS WEAR 263L WO # R0110625725 dated 12/14/06. Reinstalled same,  A/P 2885867
1/17/07 1738.3TACH	Remove L & R Brake calipers, clean and Reseal. Reassemble and Bleed/service system. op/ok  A/P 2885867





Altimeter

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS
			Up	Down	Hours	Min.		
7/7/07	1745.92	TS5514.92						ADs 73-21-01, 77-1
I certify that this aircraft has been inspected  an annual inspection and was determined to be in  condition. <u>Re: Walter AD560332681A</u>								
I certify that the Altimeter, Static System, &amp; 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 &amp; F.  Altimeter tested to <u>20000</u> Ft. N <u>5655R</u>  IAW FAR 43 App. E on <u>26 JUN 08</u>  Signed <u>J. Shuford</u> Date <u>26 JUN 08</u>  Northcoast Services c/s VR3R955L Time <u>1707.6</u>								
TOTALS FORWARD								
TOTALS TO DATE								

Reads	Add
-1000	—
0	+5
500	+5
1000	—
1500	—
2000	-5
3000	—
4000	+5
6000	+15
8000	+30

Date 26 JUN 08

Tested by J. Smith

## REMARKS

DATE

INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

9/11/08 Tach 1803.7 CHADS C/W 76-07-12R1, 73-21-01C/W  
 TT 5572.70 77-17-04C/W I certify that this aircraft  
 has been inspected IAW an annual inspection and was  
 determined to be in airworthy condition. By           
 in SAL NEW CONCORDE SEALED BATTERY R635A XC. AB 3280798 IA

9/11/08 Tach 1803.7 inspected ELT IAW FAR 91.207 para D  
 BATTERY NEXT DUE FEB 2010 By          AB 3280798

9/15/09 Tach 1828.62 CHADS 73-21-01, 77-17-04, 76-07-12R1  
 TT 5597.62 inspected aircraft IAW an annual inspection  
 and was determined to be in airworthy condition.  
 By          AB 3280798 IA

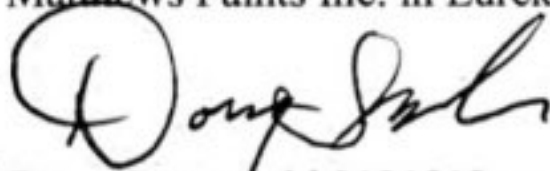
9/15/09 Tach 1828.62 inspected ELT IAW FAR 91.207 para D By           
 AB 3280798 IA

# FLIGHT LOG

DATE 09-15-2009

Tach: 1828.62

Removed corrosion from left and right wing tips, right flap, tail cone, spinner, and nose gear, and other misc. locations. Bare metal was treated with alumi prep, alodine, etching primer, Ful-Cryl II Acrylic enamel with harder. Nose gear was stripped and treated with Naval Jelly. Color codes: White 710423 ID, Blue 702047 ID, Nightmist Blue (Dark metallic Blue) 681519 ID. Purchased at Matthews Paints Inc. in Eureka, CA. On file under: Doug.



Doug Szymanski 3121812 com pilot/operator.

**702047 ID** Cost Code: A **FUL-CRYL II ACRYLIC ENAMEL SS** Alt:

Car: NORGE REFRIGERATORS

Code:

Color: BLUE

**681519 ID**

Cost Code: A

**710423 ID**

Cost Code: A

**FUL-CRYL II ACRYLIC ENAM**

Car: FORD

Car: NATIONAL FLEET COLOR

Code: K

Code:

Year:

Color: NIGHTMIST BLUE - Effect Color: WHITE

MIXED BY: |

TOTALS TO D: MIXED BY: MATTHEWS PAIN MIXED BY: MATTHEWS PAINTS INC 08/27/2009

DA

Scale Corrected  
Altimeter

Reads	Add
-1000	+15
0	+20
500	+15
1000	+20
1500	+15
2000	+20
3000	+25
4000	+25
6000	+30
8000	+40

Date 26 SEP 10  
Tested by [Signature]

ALTERATIONS

MERLING MNNI P094

3121812 Com Pilot/OPERATOR

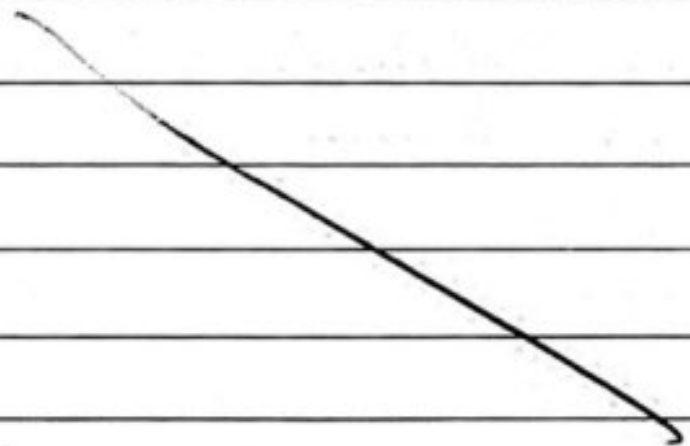
I certify that the Altimeter, Static System, & Altitude Reporting tests required by FAR 91.411, and the Transponder tests required by FAR 91.413 have been performed IAW FAR 43 App E & F.

Altimeter(s) tested to 20000 Ft. N 56554

IAW FAR 43 App, E on 26 AUG 10

Signed [Signature] Date 26 AUG 10

Northwest Services c/s WR955L Time 1847.65





# FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
4/27/2011	1849.0 TACH 5558.0 TTA							Complied with AD 73-21-02 dated 10/10/73 INSP and release of Flight control + Landing gear Red ENDS next due 1949.0 TACH		
								complied with AD 77-17-04 dated 7/7/78 INSP of pilots copilot control wheel shafts next due 2349.0 TACH		
								complied with AD 76-07-12 R1 dated 8/30/77 by alt function test Bendix IGNITION Switch next due 1949.0 TACH.		
								Installed M20 oil separators LLC Air / oil separator STC SA 02033AT FAW Drawing 304 Rev F dated 7/9/05		
TOTALS FORWARD								Installed Electronics INT carb / OAT Gauge		
TOTALS TO DATE								STC SA 2350 NM FAW INSTRUCTIONS IF070781-1		

## REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

4/27/204

cont Annual Entry →

1849.07A04

Completed FAA form 337 this time &amp; date see

6558.07A

337 for further details, revised w/ B/E equip list.

Replaced the following with new parts

Turbo Drain back VALVE P/N 64068

Landing Light GT 4522

TACHometer cable 940040-503

Brake DISKS L &amp; R 164-00900

Brake pads 46-111's

nose wheel Bearings 08125 &amp; 08231

Brackett Air Filter BA6108

VACUUM System Air Inlet Filter IS10-1

L &amp; R Fuel sump Drains F391-53A's

Induction Flex Boot P/N 600064-000 cont →

# FLIGHT LOG

DATE	NATURE OF FLIGHT	No. of Pass.	TIME OF FLIGHT		TIME IN AIR		Miles Flown	REPAIRS — ADJUSTMENTS — REMARKS	SIGNATURE	LICENSE NUMBER
			Up	Down	Hours	Min.				
4/27/2011								Removed L & R Brake cylinders Disassembled and resealed. Reassembled & reinstalled		
1849.0 TAC								Bleed / service system.		
5558.0 T/A										
CONT →								removed Flap hydraulic master cylinder Resealed with mooney Repair Kit 098		
								Removed Flap hydraulic slave cylinder and resealed with mooney Repair Kit 093.		
								Replaced flexible hydraulic line from Flap Hydraulic master to slave cylinder with new. Bleed / service system.		
								Removed Parking Brake valve. Resealed and Reinstalled Bleed / service system.		
TOTALS FORWARD										
TOTALS TO DATE										

CONT →

## REMARKS

DATE

INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS

4/27/2011

CONT ANNUAL ENTRY

1849.07 H4

5558.0 TTA

Removed Carb Heat Box. Replaced Hinge for turbo  
 Flapper VALVE. Replaced seal for Flapper VALVE  
 Reinstalled Air box & Rigged carb Heat control  
 Re-rigged Landing gear travels and  
 tensions In accordance with the MDOC MM.  
 Replaced Rudder control system at + three  
 Rod END Bearings with new F31-14 MPB  
 and checked Rudder for correct travels FAW  
 the MDOC Service MANUAL.  
 Removed L & R Fuel caps Replaced with  
 serviceable caps using new O-ring seals  
 Re-rigged cabin door Latches & locking  
 mechanisms.

cont →



## RADIO INSPECTION AND REPAIR

FREQUENCY CHECKED			REPAIRS		
DATE	INSPECTED BY	RESULTS	DATE	REPAIRED BY	REPAIRS MADE
4/27/2024 1849-0 TACH 5558-0 TTA		COST + ANNUAL ENTRY → Removed Exhaust Heat Muff Assy. Repaired Heat Shroud and Reinstalled Heat muff using new gaskets.  Replaced Left & Right Fuel quantity sender units with overhauled assy's. P/N 5642354's S/N's 110452 & 110453. Replaced Electric Fuel Boost Fuel Pump with overhauled unit P/N 1499-00-21 S/N 3437.			
					<i>[Signature]</i> A&P2885867
		Inspected BLT S/N 35418 FAIR 01207 form (d) 1 and found in fair condition. Condition. Tach 5558-0 TTA			in accordance with the company 4/27/2024
		KYLE GABEL A&P2885867			

## RADIO INSPECTION AND REPAIR

FREQUENCY CHECKED			REPAIRS		
DATE	INSPECTED BY	RESULTS	DATE	REPAIRED BY	REPAIRS MADE
I certify that this <u>Aircraft</u> has been inspected  In accordance with a ( ) <u>ANNUAL</u> and found to be in  An airworthy condition this <u>date</u>.  Time <u>5558.0 TPA</u> <u>4/27/2011</u>					
<u>KYLE GABLER</u> ACP 2885867LA					
POST INSPECTION Ground performance Run  Leak ✓ &amp; systems ✓ satisfactory					
4/30/2011 Replaced oil temp Bulb with new  1850.08 TACH P/N 10-15250. op &amp; leak ✓					
<u>ACP 2885867</u>					



## MEMORANDUM

DATE _____

Date: 4-10-12 A/C Registration: N5655Q Make: MOONEY  
Model: M-20 S/N: 3026 WO: 2F22R.

Validated that the previous installation of the GNS-430 was installed IAW Garmin instructions and a FAA feild approval documented on FAA form 337 dated 10-8-04. Verified this aircraft and interfaced equipment are covered under the STC AML. The unit was removed and upgraded to a GNS-430W. GNS-430W and GA35 were installed in aircraft IAW STC SA01933LA-D. No Weight change to A/C. Systems check good. Placed FAA approved flight manual supplement in A/C. This aircraft has completed a flight accuracy test in accordance with AC 20-138A and is certified for IFR enroute, terminal, non-precision approaches, and approach procedures with vertical guidance (including LNAV/VNAV and LPV). See 337 for details.

Signed _____

Redding Aerotronics Inc.  
C.R.S. LDZR339K

#2 LOG BOOK closed 6/1/2012

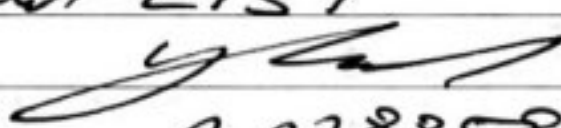
1922.07 TAAH 5631.07 TTA

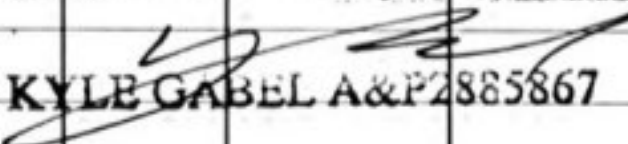
see BOOK #3 this time & date

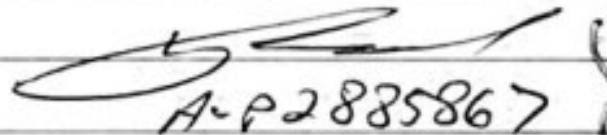
 A-P2885867



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.)
6/1/2012	1922.07 TACH			Complied with AD 73-21-01 dated 10/10/73 by inspection & release of flight controls & 5631.07 TTA - Landing gear Rod ENPS next due 2022.07 TACH
				Complied with AD 76-07-12R, dated 8/30/77 by off function test Bendix Inversion Switch next due 2022.07 TACH
				Complied with AD 2012-05-09 3/20/12 by inspection of trim fitting hinge filler plate of tail pitch trim assembly for correct position FAW SBM 20 314A dated 2/29/12 found installed correctly with no loose fitting. No further action required.
				Replaced Brackett Air Filter with new BA 6108
				new Landing Light bulb GB 4522 replaced center in flap position and radar cable with new RM 207622 ENT

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
CON				+ → ANNUL Entry 6/1/2012              Replaced cabin step Extension spring with new P/N A3X50-SH08G28.              Refueled R/H wing fuel tank. Removed access covers. Removed old loose sealant in spar area as required. Prepped &amp; Resealed with C\$3204 B1/2. Installed new fuel sender unit P/N 564199 / S/N 111681.              Reinstalled access covers with PR1428 B1/2.              allowed to cure 48 hours &amp; Refueled.              Replaced Landing gear Down Latch casting with new LA 560006-003 and new Placard IAW SB20-88A dated 4/1/94.              Installed new Pilot &amp; copilot shoulder Harnesses IAW mooney Drawing #940044 under TC 2A3.              Revised W &amp; B/E Equipment List                AP2885867

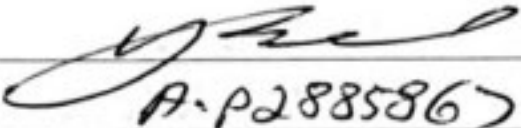
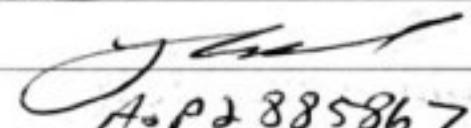
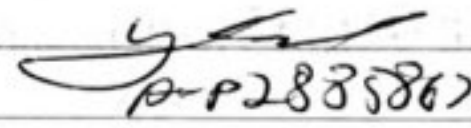
YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Inspected ELT S/N <u>35418</u> in accordance with            FAR 91.207 para (d) 1-4 and found in an airworthy            Condition Time <u>5631.07 T/A</u> Date <u>6/1/2012</u>               KYLE GABEL A&amp;P2885867
				I certify that this <u>Aircraft</u> has been inspected            In accordance with a(n) <u>ANNUAL</u> and found to be in            An airworthy condition this time and date            Time <u>5631.07 T/A</u> Date <u>6/1/2012</u>               KYLE GABEL A&amp;P2885867IA   <u>POST INSPECTION Ground performance Run</u>  <u>Leak &amp; systems &amp; Satisfactory</u>

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.)
10/15/2012	1947.7 TACH			Removed Turbo charger P/N 646 396 S/N 1947.7 overhauled by main Turbo systems            FAA form 8130-3 w/ #45036 dated 10/4/12   Removed Ray JAY oil scavage Pump assy            P/N RJO 39-10 disassembled and inspected            reassembled using new Gasket RJO 116            and drive seal 240009. Reinstalled ON            Aircraft.   overhauled Turbo PW stalled using new            gaskets P/N RJO-101145-00 + RJO-101146-00            Ground Run + Leak OK                A-P 2885867



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL	Description of Inspection Tests, Repairs and Alterations (Rating and Certificate Number of pages for other specific entries.)
				TKM MX170C
				3/02/12
				TACH 1970.0
				Breaker 7270-5-10
				Precision Static Testing Livermore, CA FAA Certified Repair Station #QJAR856X PHONE: (925) 449-5904 FAX (925) 449-6081
				I certify that the altimeter(s) and static system(s) tests required by 14 CFR § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR Part 43, Appendix E and F.
				Tested to <u>20,000</u> feet. Time: <u>1974.53</u>
				W/O# <u>9171</u> N <u>56550</u>
				Inspected by <u>[Signature]</u> Date <u>3/12/13</u>

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.)
7/9/2013	2000.1 TACH			Complied with AD 73-21-01 dated 10/10/73 Inspection + Release Flight control + Landing gear Rod END'S.
5709.1 TTA				next due 2100.1 TACH
				Complied with AD 76-07-12a, dated 8/30/77 by off function test of Bendix Ignition switch, next due 2100.1 TACH
				Replaced Brackett Air filter with new BA6108,
Inspected ELT S/N	35418			in accordance with
FAR 91.207 para (d) 1-4 and found in an airworthy				Y A-P2835867
Condition. Time	5709.1 TTA	Date	7/9/2013	
				ELT Battery Replaced
KYLE GABEL A&P2835867				next due Aug 2015
I certify that this	AIRCRAFT			has been inspected
In accordance with a(n)	ANNUAL			and found to be in
An airworthy condition this time and date.				
Time	5709.1 TTA	Date	7/9/2013	
KYLE GABEL A&P2835867IA				POST INSPECTION 610 ind. Performance run back + systems / S satisfactory

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.)
7/25/2013 2007.1 TACH				Removed Exhaust system. Overhauled by Knisley Exhaust Systems R/f NT3R712L. Reference WO #145713 dated 7/24/13 Reinstalled using new Exhaust Gaskets P/N 77611.  A-P2885867
10/4/2013 2038.5 TACH				Replaced R/H MLG tire with new 600x6 copy flight custom tire.  A-P2885867
11/18/2013 2044.23 TACH				Engine Driven fuel pump RG15980P S/N C-3274 Removed for repairs. See Engine Log Book for details  A-P2885867

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.)
7/30/2014	2118.62 TACH 5827.62 TTA			complied with AD 73-21-01 dated 10/10/73 by inspection + Recheck of flight control &amp; Landing gear Rod ENDS, next due 2218.62 TACH   complied with AD 76-07-12R, dated 8/30/77 by off function Bendix Ignition switch next due 2218.62 TACH   Replaced Bracket Air F. lter with new B176108   Replaced nose wheel bearings with new 08125 and 08231 cups &amp; cones.   Replaced Landing Light Bulb with new GE 4522, replaced L/H MLG tire with new Goodyear 600x6 6 ply flight custom III.
				I certify that this <u>Aircraft</u> has been inspected In accordance with a(n) <u>ANNUAL</u> and found to be in An airworthy condition this time and date. Time <u>5827.62 TTA</u> Date <u>7/30/2014</u>   <u>KYLE GABEL A&amp;P28858671A</u>
				Post inspection ground performance run back check systems vs satisfactory





20  
DATE

TIME

FLIGHT

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.)

TRANSPONDER(S) HAVE BEEN TESTED AND  
INSPECTED AND FOUND TO COMPLY WITH  
APPENDIX F OF PART 43 I.A.W. FAR 91.413  
DATE 3-13-15 W.O. # 17333

SIGNED *Burke Wood*  
J & R ELECTRONICS, FAA CRS #XB3R965L

ALTIMETER/STATIC AND ALTITUDE REPORTING  
EQUIPMENT SYSTEMS HAVE BEEN TESTED  
AND INSPECTED PER APPENDICES E AND F OF  
PART 43, AS REQUIRED BY FAR 91.411

CALIBRATED TO 25,000

DATE 3-13-15 SIGNED *Burke Wood*  
J & R ELECTRONICS, FAA CRS #XB3R965L

<b>YEAR 20 ____ DATE</b>	<b>RECORDING TACH TIME</b>	<b>TODAY'S FLIGHT</b>	<b>TOTAL TIME IN SERVICE</b>	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N5655Q 7/31/2015 2201.45 Tach 5910.45 TTA
				Complied with AD73-21-01 dated 10/10/73 inspection and relube of flight control and landing gear rod ends. Next due 7/2016 or 2301.45 tach
				Complied with AD76-07-12R1 dated 8/30/77 by off function test of bendix ignition switch. Next due 2301.45 tach.
				Replaced the following with new.
				ELT battery next due 9/2017
				Brackett air filter BA6108
				Left and right main landing gear brake pads 66-111's
				Left fuel tank sump drain F391-53A
				Complied with FAR91.207 inspection ELT, battery, "G" switch and ELT output next due 7/2016.
				Cont next page.

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Cont from previous page. N5655Q annual entry.

Removed Garwin fuel and manifold pressure indicator, AC 0-3500 recording tach.

Westach single EGT gage, Garwin fuel, amp, oil temp, oil press and CHT cluster gage and all associated wiring, plumbing and probes/sensors.

Installed Electronics International STC SA02283SE glass panel engine monitor (with flight data) CGR-30P S/N 170505 and Aerospace Logic STC SA02825NY fuel press and ammeter kit with voltmeter. FA200VK S/N ASL007312. See FAA form 337 this time and date for details.

Reweighed this aircraft IAW the Mooney service manual. See revised weight and balance equipment list this time and date for details.

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

  
KYLE GABEL A&P2885867




YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/10/2015 5939.1 TJA				Defuel R/H wing tank. Removed all TANK ACCESS panels. Removed sealant along aft area and around sump area. Resealed as required with C\$3204B1/2 and C\$3204A2.   Reinstalled Fuel tank access panels using new hardware and PRI428B1-2 Low adhesion sealant.   Cured 48 hrs + Refueled.   Removed Grines Rotating Beacon Installation mooney DWG 95008 and Install Riveted Panel over hole.   Removed Left + Right wing tip light assys W1285 G &amp; R and replaced with Whelen ORION 600 TSO LED position + anti collision light system   Revised W+B/E Equip List   <i>[Signature]</i> A002825860

20 DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

**N5655Q**

**Hobbs: 5990.3**

**s.n. 3026**

**July 21, 2016**

Removed Narco AR-500 Altitude encoder. Installed ACK A30.9 Altitude Encoder into position formerly occupied by Narco encoder. Retained wiring and plumbing from previous installation. Testing of pitot-static system integrity performed by J&R Electronics, see entry below. Weight and balance recalculated and aircraft equipment list revised to show change.

Aircraft is approved for return to service for all work performed this date.

ALTIMETER/STATIC AND ALTITUDE REPORTING  
EQUIPMENT SYSTEMS HAVE BEEN TESTED  
AND INSPECTED PER APPENDICES E AND F OF  
PART 43, AS REQUIRED BY FAR 91.411

Ronald K. Ward

A&P33121151A

*Ronald Ward*

CALIBRATED TO 22,000'

TRANSPONDER(S) HAVE BEEN TESTED AND  
INSPECTED AND FOUND TO COMPLY WITH  
APPENDIX F OF PART 43 I.A.W. FAR 91.413

DATE 7-21-16 SIGNED *Ronald Ward*  
J & R ELECTRONICS, FAA CRS #XB3R985L

DATE 7-21-16 W.O. # 17832

SIGNED *Ronald Ward*  
J & R ELECTRONICS, FAA CRS #XB3R985L

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.)

Airframe logbook entry N5655Q S/N 3026 5995.0 Tach/TTA 10/25/2016

Complied with AD73-20-01 dated 10/10/73 inspection and relube flight control and landing gear rodends. Next due 6095.0 TTA

Complied with AD77-17-04 dated 7/7/78 inspection of pilot and co-pilot control wheel shafts for cracks. Next due 6495.0TTA

Complied with AD76-07-12r1 dated 8/30/77 off function test bendix mag/starter switch next due 6095.0 TTA

Replaced battery new RG-35A S/N 40831331.

Installed new brackett air filter BA6108.

Replaced left wing tank sump drain with new F391-53A.

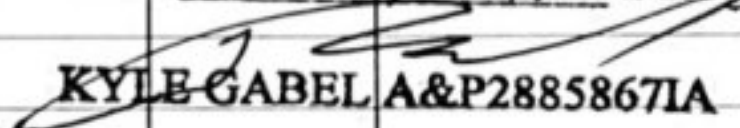
Removed Engine S/N L-11732-36A for camshaft replacement. Reinstalled after repairs using new LORD engine mounts P/N J7402-1's. Installed new alternator drive belt 37B19774-325.

Installed new oil cooler lines. Replaced RayJay turbo system flexible pressure duct from turbo outlet to carb airbox with new RJ9502-18-44-6A duct.

Cont page 2

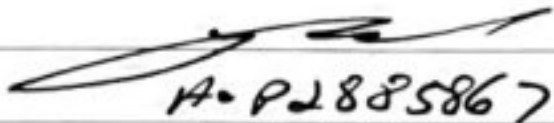
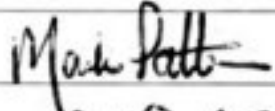
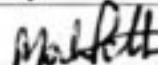





YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/13/2017	6085.9 TACH			Complied with AD 77-17-04 dated 7/7/78 Inspection Pilot's control wheels for cracks next due 6585.9 TACH
				Complied with AD 73-21-01 dated 10/10/73 INSP + Release flight control + Landing gear rods ENRs next due 6185.9 TACH
				Complied with AD 76-07-12 r/d dated 8/30/77 by off function test Bendix Ignition switch next due 6185.9 TACH
				Replaced Brockitt Air Filter with new BH6108 Post Inspection bleed performance run OK ✓ + systems is satisfactory.
				I certify that this <u>Aircraft</u> has been inspected In accordance with a(n) <u>ANNUAL</u> and found to be in An airworthy condition this time and date. Time <u>6085.9 TACH</u> Date <u>12/13/2017</u>
				 KYLE GABEL A&P28858671A

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.)
				Inspected ELT S/N <u>35418</u> in accordance with  FAR 91.207 para (d) 1-4 and found in an airworthy  Condition. Time <u>6085.7</u> Date <u>12/13/2017</u>   <del>KYLE GABEL A&amp;P2885867</del> Replaced ELT Battery  next due 1/2020

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.)
1/17/2019				Complied with AD73-21-01 dated 10/10/73 INSP + Relube 6129.4 TACH/TA Flight control &amp; Landing gear Rod ENDS. next due 6229.4 TACH   complied with AD76-07-12R, dated 8/30/77 OFF Function test Bendix IGNITION switch next due 6229.4 Replaced Brodair A. filter with new BAG108 Post INSPECTION Ground performance Run back &amp; systems vs satisfactory   Inspected ELT S/N 35418 in accordance with FAR 91.207 para (d) 1-4 and found in an airworthy Condition. Time 6129.4 TACH Date 1/17/2019   <b>KYLE GABEL A&amp;P2885867</b>   I certify that this <u>Aircraft</u> has been inspected In accordance with a(n) <u>ANNUAL</u> and found to be in An airworthy condition this time and date. Time <u>6129.4 TACH</u> Date <u>1/17/2019</u>   <b>KYLE GABEL A&amp;P2885867IA</b>

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/13/2019 6130.0 TACH				Replaced Directional Gyro with overhauled. P/N 4000B-30 S/N T79802Q. Reference FAA Form 8130-3 m.o.c. cont. w/ent ENSF CR# A2D061C w/ #000351637. dated 08/JAN/2019                 A. P. 2885867
11-1-19 6164.4 TACH				Removed GARMIN GTX320A TRANSPONDER AND TRAY. INSTALLED TRIG TT31 TRANSPONDER & TRAY P/N 00225-00-01 Serial Number 10147. CONNECTED TO GNS430 WAAS GPS SOURCE VIA RS232.                 DEP 4279920
11-11-19 6164.5 TACH				INSTALLED NEW FRONT TIRE, CLEANED AND REPACKED FRONT WHEEL BEARINGS  DEP 4279920



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.)
				The Altimeter, Altitude Reporting and Transponder tests required by 14 CFR 91.411 & 91.413 have been performed and found to comply with applicable portions of Part 43 Appendix E & F.
				Altimeter(s) tested to: <u>20,000</u> ft.
				Signature: <u>[Signature]</u> Date: <u>11/14/19</u>
				AIRTRONICSFAA CRS# TH3R867L N <u>N5655Q</u>
11-29-19	6168.8	TACH		INSTALLED 2 NEW MAIN GEAR TIRES. CLEANED & REPACKED WHEEL BEARINGS INSTALLED NEW BRAKE PADS. Matt Patti AIP 4279920
1-22-20	6184.2	TACH		INSTALLED NEW GUT BATTERY, TEST GOOD. NEXT DUE 3/22 Matt Patti AIP 4279920

YEAR 20 <u>20</u> 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.)
3-3-20	6189 TACH / TTA			Completed with AD 73-21-01 INSP &amp; Lubricated flight control and landing gear rod ends. Next due 6289 tach.   Completed with AD 76-07-12 16N SWITCH TEST OFF FUNCTION O.K. NEXT DUE 6289. Replaced Fuel CAP O-RINGS   Mark Patten ACP 4279920
March 3, 2020 N5655Q SN 3026   TT 6189.0   I certify that this aircraft has been inspected in accordance with an annual inspection and found to be in an airworthy condition.   James Wirfel AP 2751399IA  				
4-15-20	6200 TACH / TTA			INSTALLED NEW Sump DRAIN IN RT Fuel tank   Leak check O.K. Mark Patten ACP 4279920

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.)
--------------------	---------------------------	-------------------	-----------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Date: 05/20/2021 Hours: .6257.6

Tail#: N5655Q

Make: Mooney

Model: M20C

S/N: 3026

Performed annual inspection ICW M20C MM. Removed all inspection plates, cleaned inspected and lubricated as required. CW AD 73-21-01 next due 6357.6. CW AD 76-07-12 next due 6357.6. CW AD 77-17-04 next due 6585.9. Inspected rigged and lubricated landing gear system. Tested ELT ICW FAR 91.207 Performed ground run up, leak checks, system checks and found to be in airworthy condition.

Mark Patterson AP4279920

*Mark Patterson*

I certify this aircraft has been inspected in accordance with an annual inspection and found to be in airworthy condition.

Name: James K Wirfel

Cert: 2751399 IA

Co: Wirfel Aviation Services

Sign: *James K Wirfel*

6-1-21 TACH

Repaired fuel leak R/R fuel tank  
MPatt AEP 4279920

YEAR 20 <u>21</u> 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.)
7-27-21	6280	TACH		INSTALLED AV-30-C Attitude indicator and outside air temp sensor. Installed new Concorde battery PIN RG-35AXC Maffett AEP 4279920
10-2-21	6283.4	TACH		INSTALLED NEW MAIN LANDING GEAR SHOCK DISCS, ADJUSTED DOWN LOCK TENSION ON NOSE GEAR, TEST FLIGHT OK. Maffett AEP 4279920
12-7-23	6318	TACH		Complied with A.D. 2023-02-04. hybrid elevator balance weights NOT installed Maffett AEP 4279920
1-21-23	6340	TACH		PERFORMED ANNUAL INSPECTION ICW M20C MM. REMOVED INSPECTION PLATES, CLEANED LUBRICATED, AND INSPECTED AS REQUIRED, INSPECTED, RIGGED, AND LUBRICATED LANDING GEAR, TESTED ELT, PERFORMED GROUND



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.)
------------------------	---------------------------	-------------------	-----------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Date: 10/01/2022

Hours: TT ~~6410.0~~ *SW*

Tach ~~6410.0~~ *SW*

Tail#: N5655Q

*6310.0*

*6310.0*

Make: Mooney

Model: M20C

S/N: 3026

Performed annual inspection ICW M20C MM. Removed all inspection plates, cleaned lubed and inspected as required. CW AD 73-21-01 next due 6410.0. CW AD 76-07-12 next due 6410.0. CW AD 77-17-04 next due 6410.0. Installed overhauled steering linkage, new brake lines, and new turbo oil supply line. Inspected rigged and lubricated landing gear system. Tested ELT ICW FAR 91.207 battery next due Oct 2024. Performed Ground run-up, leak check, systems check and determined to be in airworthy condition.

Mark Patterson AP4279920

*Mark Patterson*

I certify this aircraft has been inspected IAW and annual inspection and found to be in airworthy condition.

Name: James K Wirfel

Cert: 2751399 IA

Co: Wirfel Aviation Services

Sign: *[Signature]*

1 2-7-23

6318

TACH

COMPLIED WITH AD 2023-02-04

Hybrid elevator balance weights not  
INSTALLED *M. Patterson* ACP 4279920

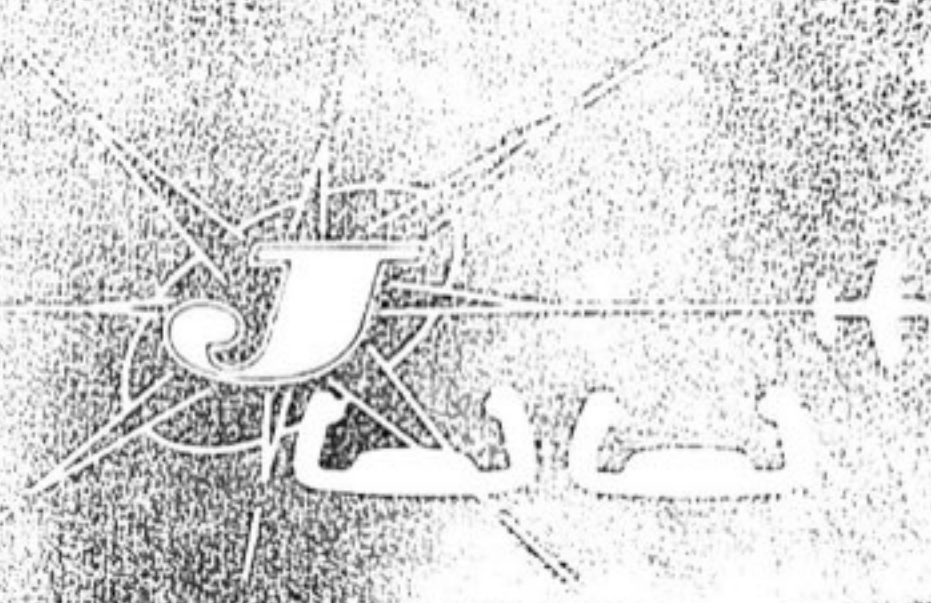
[illegible]

YEAR 20 <u>24</u> 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.)
8/3/24	6358.5			INSTALLED TR16 Audio Panel TMA45 Ground test OK. Mark Patter AEP 4279920
2/18/25	6369.4			PERFORMED ANNUAL INSPECTION ICW M200 MM. CW AD 73-21-01 (NEXT DUE 6469.4). CW AD 76-07-12 (NEXT DUE 6469.4) AD 77-17-04 (NEXT DUE 6585.9) FLIGHT CONTROLS & LANDING GEAR LUBRICATED, ELT TESTED & BATTERY REPLACED (BP-1010), NEW MAINTIRES INSTALLED (AIR HAUK 6.00-6 bply), ALL WHEEL BEARING CLEANED AND REPACKED, NEW BRAKE PADS INSTALLED (RAPCO RA66-11'), NEW FUEL FLOW SENSOR INSTALLED (ELECTRONIC INTERNATIONAL FT-60). RIGHT MAIN GEAR DOWN LOCK LINK (P/N 510011-7) REPLACED WITH NEW. PERFORMED GROUND RUN-UP, LEAK CHECK & SYSTEMS CHECK DETERMINED TO BE IN AIRWORTHY CONDITION
				Mark Patter AEP 4279920

[illegible]



# ENGINE LOG BOOK



**Jase**

# AIRCRAFT ENGINE LOG FOR

BOOK NO. _____

ENGINE MAKE LYCOMING MODEL O-360-A1D SERIAL NO. L-11732-36A

MANUFACTURER _____ DATE OF MFG. _____ WEIGHT _____

HP. 180 AT 2700 RPM DISPLACEMENT 360 CU. IN.

OIL WEIGHT - SUMMER 50 WINTER 40

OIL CAPACITY 8 QTS. FUEL MIN. OCTANE 100

FIRING ORDER _____ SPARK PLUG GAP _____

BREAKER POINT GAP _____ IGNITION TIMING _____

VALVE CLEARANCES _____

OIL PRESSURE _____ OIL TEMP. RANGE _____

PROPELLER MAKE _____ MODEL _____ SERIAL NO. _____

PITCH _____ LENGTH _____ REMARKS _____

_____  
_____  
_____

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

9-28-73 TOTAL TIME SINCE NEW: 300 HRS. TIME SINCE MAJOR O.H. - ZERO HRS.  
OVERHAULE ENGINE ACCORDING TO MANUFACTURERS RECOMMENDATIONS.  
INSTALLED THE FOLLOWING NEW PARTS: VALVES, VALVE GUIDES, VALVE SPRINGS,  
KEEPERS, INTAKE SEATS, ROCKER BUSHINGS + SHAFTS, CAMSHAFT + LIFTER ASSYS,  
PISTONS, RINGS, PISTON PIN PLUGS, CON. ROD BOLTS + NUTS, ROD + MAIN BEARINGS,  
ACCESSORY CASE, OIL PUMP ASSY, CYLINDERS ARE FRESH CHROME BY  
CHROMEPLATE INC, SAN ANTONIO, TEXAS. PROPELLER GOVERNOR AND FUEL PUMP  
WERE OVERHAULED BY B+S AIRCRAFT, WICHITA, TEXAS. MAGNETOES, STARTER +  
GENERATOR WERE OVERHAULED BY SISK AVIATION. THE FOLLOWING LYCOMING  
SERVICE INSTRUCTIONS HAVE BEEN COMPLIED WITH: 1277, 1265A, 1256A, 1240, 1230,  
1225A, 1218, 1213, 1136A, AND BENDIX S.B 5-39. (THIS ENTRY CONTINUED)

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

ENTRY CONTINUED FROM  
PRECEEDING PAGE:

SEE SISK W.O. 3010

TACH TIME 1139:39

"O"SMOH SW. Sisk

INSTALLED IN ~~NS655Q~~ N3026

NS655Q

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.

"Pertinent details of the repair are on file at this repair station under Order No. 3343

Date 9-28-73

Signed George J. Emberg for  
SISK AVIATION ACTIVITIES, INC.

Approved Repair Station 3343

P. O. Box 31 East St. Louis, Illinois 62202



DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
:	:	:	:	TACH TIME	1148.82	SMOOTH 9 HRS.
:	:	:	:	WORK ORDER	3703	
:	:	:	:	I certify that this <del>engine</del>^{ENG} has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition.   Date <u>3-1-74</u>   Signed <u>Thomas A. Dehman</u>   SISK AVIATION ACTIVITIES, INC.   Approved Repair Station 3343   P. O. Box 71, East St. Louis, Illinois 62202     INSTALLED 8 RD 50W NON DET AERO SHELL		
:	:	:	:			
:	:	:	:			
:	:	:	:			
:	:	:	:			
:	:	:	:			
:	:	:	:			
:	:	:	:			
:	:	:	:			
:	:	:	:			
:	:	:	:	ENGINE COMPRESSION   ① $\frac{72}{80}$ ② $\frac{74}{80}$ ③ $\frac{78}{80}$ ④ $\frac{76}{80}$		
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

6/11/74 Oil change + Filter (50w Det) Tach Time 1178.71 - Friedrich + Phillips

10/1/74 New Battery - Sisk

11/9/74 Oil change HZ Dunker Tach Time 1230.50

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT.	:	:	:			
FWD.	:	:	:			
:	:	:	:			
:	:	:	:	TACH TIME 1240.50		
:	:	:	:	WORK ORDER 3433		
:	:	:	:	I certify that this aircraft has been inspected in accordance with <u>AN ANNUAL</u> inspection and was determined to be in airworthy condition.	ALL SPARK PLUGS CHECKED & CLEAN & GAPPED, AIR FILTER CLEANED MAGS CHECKED & TIMED, OIL FILTER CLEANED, OIL CHANGED & QTS 40W AEROSHELL INSTALLED.	
:	:	:	:	Date <u>2-11-75</u>	EXHAUST SYSTEM CHECKED TBO	
:	:	:	:	Signed <u>Thomas W. Dolman</u>	CHARGER CHECKED. ALL CONTROLS CHECKED & LUBRICATED	
:	:	:	:	SISK AVIATION ACTIVITIES, INC. 142111007		
:	:	:	:	Approved Repair Station 3343	ENGINE COMPRESSION	
:	:	:	:	P. O. Box 31, East St. Louis, Illinois 62232	11 74 12 74 13 74 14 72	
:	:	:	:		80 80 80 80	
:	:	:	:			
:	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

6-6-75 TACH 1278.21 TOTAL 2390.21 Engine TSO 138.82 Total 1438.82  
 AIRFRAME  
 Changed oil & Filter - Replaced "EXHAUST GASKETS, Champion Mufflers To  
 Turbo-charger & all Turbo charger GASKETS - welded Doublers To Turbo-charger  
 Control ARM - Replaced Duct, Shroud To Heat Box.  
 Compression check #1, 2, 3, & 4 80/80. Insulated CARBURATOR Temperature  
 Wiring - Removed corrosion CowL Supports and Painted - Repaired  
 worn Pivots CowL Flaps, Tied off CABIN Heat Duct, Repaired cable  
 To Heat Box Dump valve, Complied with AD 75-09-08 Inspect  
 Engine Mount

DATE 6-6-75 TACH TIME 1278.21 TOTAL TIME 2390.21  
 I CERTIFY THIS Engine HAS BEEN  
 INSPECTED IN ACCORDANCE WITH ANNUAL  
 INSPECTION AND WAS DETERMINED TO BE  
 IN AIRWORTHY CONDITION.

SIGNATURE OF AUTHORIZED INDIVIDUAL

RATING

LICENSE NO.



DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

10/3/75 Change oil & filter  
 10/6/75 Change ~~oil~~ brake pads - pull oil screen - clean. Dick Aviators

~~5-28-76~~ 6-19-76 /ACH 137911 A/C TT 24911 SEMOM 23918

Oil changed & Filter changed, oil sample taken reported "good".  
 all Ex. stack and turbo gaskets changed - welded ex pipe  
 and tail pipe - compression checked OK - repaired carb. heat box  
 control, plugs cleaned & gapped - points ch & timing ch.

ENGINE

"I certify that this aircraft has been  
 inspected in accordance with ANNUAL  
 inspection and was determined to be in  
 airworthy condition."

Norman E. Walters, Jr.

A&P 2107832-IA

*Norman Walters*

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

7-25-77

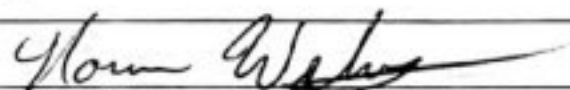
TACH 1508:8

changed oil & ~~cleaned~~ ^{CHANGED FILTER} ~~ACROSS~~, cleaned & gapped plug.  
replaced points in left mag. checked mag. timing  
washed engine down, serviced with 50WT AEROSHIELD  
"W" - repaired turbo attachment.

"I certify that this aircraft has been  
inspected in accordance with AN ANNUAL  
inspection and was determined to be in  
airworthy condition."

Norman E. Walters, Jr.

AIP 2107832-1A



DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

6-14-78 TAC TIME 1549.0: TSMO 410.0: ENG Tot. Time 710.0

OIL FILTERS INSPECTED AND REPLACED - OIL CHANGED

COMPRESSION CHECKED #1-76/80 #2-74/80 #3-76/80 #4-78/80

REPLACED EXHAUST GASKETS

CLEANED &amp; GAPPED PLUGS

RESECURED AIRBOX TO CARBURATOR

I CERTIFY THAT THIS ENGINE HAS BEEN  
INSPECTED IN ACCORDANCE WITH AN ANNUAL  
INSPECTION AND WAS DETERMINED TO BE IN  
AIRWORTHY CONDITION

David M. Allen  
AP 1554486 IA

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
7/1/79	:	:	:	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION  Thomas W. Dallmann 1A2111007		
TACH	:	:	:			
:	:	:	:			
:	:	:	:			
:	:	:	:			
ENGINE IMPRESSION						
#1:78 #2:75 #3:76 #4:78						
80 80 80 80						
OIL & FILTER CHANGED						
INSTALLED 8 QTS 50W AEROSHELL OIL						
:	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		



DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

7/29/80 TACH TIME 1809.0 SMOTH 670.0 ENGINE TOTAL 970.0

Compression #1 78/80 #2 78/80 #3 78/80 #4 78/80

I certify this engine has been inspected y/k/w on  
100 HR inspection and found to be airworthyM/W 78-25-05 Gracht Industries Airfilter By ~~Eng~~ kpl/w/BASIO J. L. Fick

Melvin C. Dinkoff IA 1646714

9-14-80 TACH 1858.0 Oil changed 50w Aero shell Jeff Jamber AP321500681

10-11-80 TACH 1861.42 Replace Vacuum pump Airborne  
S/N 9F7775. Replace Vac. Regulator Filter

Jeff Jamber AP321500681

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
12-7-80	TACH	1900.45	Change oil and filter			
Aeroshell	Det	80/40	Jeff Amber	AP321500681		
:	:	:				
7/12-81	TACH	1959.13	Change oil and filter			
Aeroshell	Det	100/50	Jeff Amber	AP321500681		
Install: Microdon	Oil Treatment					
:	:	:				
8/1/81	TACH	1964 HRS	SMOH 825 HRS	ENGINE TOTAL	1125 HRS	
Compression	#1	76/80	#2	76/80	#3	78/80
	#4	78/80				
checked	oil screen,	Power checked	AND	MAGS checked.		
I: CERTIFY	THIS	ENGINE	HAS BEEN	INSPECTED	1/11/81	
AN: ANNUAL	INSPECTION	AND	FOUND	TO BE	APPROPRIATE	
TOTALS	Melvin D. Duff	1646714	IA	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

6/10/82 TACH 2043 HRS SMOH 904 HRS INSTALLED RECONDITIONED  
CYLINDER AND NEW RINGS (SERIAL 1827-1) #1 POSITIONED. REINSTALLED  
RAJAY TURBOCHARGER AFTER OVERHAUL. OPERATIONAL CHK OK  
Melvin C. Davis 1646714

8-2/82 TACH 2057 HRS SMOH 918 HRS. CHKD COMPRESSION #1 78/80  
#2 78/80 #3 75/80 #4 78/80. CHKD OIL FILTER FOR CONTAMINATION.  
CLEANED TURBO FILTER. CLEANED PLUGS. POWER & MAGS CHK  
AFTER INSP. I CERTIFY THIS ENGINE HAS BEEN INSPECTED i/a/w  
AN ANNUAL INSPECTION AND FOUND TO BE AIRWORTHY.  
NOTE: PROP DUE OVERHAUL JUNE 83. Melvin C. Davis 1646714 IA

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
5/4/83	TACH 2124	Change oil	SAE 50 Grade 100			
	DET Aeroshell	Jeff Miller	321500681	ADP		
	:	:	:			
8/10/83	: TACH	: 2127 HRS	5120 HRS	Change oil & Filter, OLD Filter Free		
				OF CONTAMINATION. Compression All c/y's 75/80 OR ABOVE.		
	: AD 87-18-04:			DUE AT 2000 HRS ENGINE TIME, I CERTIFY		
	: THIS ENGINE TO			(ANNUAL INSP) Be AIRWORTHY Melvin D. 1646714 IA		
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		



DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

11/21/84 TACH 2225 Hours 1086 SMOH. Compression 75/80 OR 2225  
 ABOVE All cyl. CHANGED OIL & FILTER. (Shell 40). OLD FILTER 1086  
 Free OF CONTAMINATION. ReINSTALLED Propeller AFTER AD 77-12-00 1139  
 Compliance. RATTY TURBO CHARGER ReINSTALLED AFTER O.H.  
~~ENGINE RUN~~ & New Plugs INSTALLED & New Blow Proof EXHAUST  
 GASKETS INSTALLED. ENGINE RUN & AIRCRAFT FLOWN 1 HR.  
 I CERTIFY THIS ENGINE INSPECTED 1/A/W ANNUAL INSPECTION 2252  
 AND IS AIRWORTHY. Meloy Ruck 1646714 FA 1139  
 1-3-85 New Tach installed old tach reading 2252 1113 SMOH 1113

Oct 22, 1985 Tach 86.2 Hours Dynamically Balanced Propeller  
 to .1 I.P.S. Ruck Shins Salt Lake Beechcraft CRS 279

IF prop spinner is removed make sure it is replaced in the same  
 position as there are balance weights attached.

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
11/27/85	TACH 86.8			Comp CK 1-77, 2-77, 3-77, 4-77, Retuned R/w-o-g to left, resurfaced int pipe flanges & replaced gaskets, replaced #4 Int push rod hsg seals, replaced all rocker cover gaskets, replaced all ex gaskets (blow proof) o'hauled starter & gen, made new s/s waste gate shaft & arm, adjusted waste gate to close fully, replaced starter terminal boot, replaced #24 plug lead spring, REPLACED 4 ea ex studs, cleaned eng down w/solvent, ckd controls, ckd fuel pressure,		
	:	:				
	:	:				
TSNO	1199.4	:				
	:	:				
	:	:				
	:	:				
	:	:				
	:	:				
	:	:				
	:	:				
	:	:				
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

washed cowling, ground run ok, cowled up  
& made ready for Test flight

AVIATION SPECIALTIES CO.

Grant W. Stephensen

3909 S. Airport Road Bldg N19

Ogden, Utah 84405 - 394-4144

I CERTIFY THAT THIS AIRCRAFT eng  
HAS BEEN INSPECTED IN ACCORDANCE  
WITH AN ANNUAL INSPECTION AND WAS  
DETERMINED TO BE IN AIRWORTHY  
CONDITION.

DATE 11-27-85 TACK 86.8

G.W. Stephensen  
GRANT W. STEPHENSEN  
A & P 1402436  
Inspection Authorization

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
4/5/87	12	1	13	Eng: + Fuel comp etc cyl. #1 71/80 #2 70/80 #3 71/80 #4 70/80, clean & good Plugs OK oil SCREEN oil NOTE HANGING, CLEAN FUEL SCREEN & PRESSURE OK SYSTEM, WSP HOSE LINES, & PIPE INTAKE EX. MOUNTS ECT FILE 5 small pick on PROP. Carb. Eng & ground RUN OK OK:		
:	:	:	:	I certify that the aircraft has been inspected in accord- ance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition.		
:	:	:	:	Aircraft total hrs. <u>3635.9</u>		
:	:	:	:	Engine total hrs. <u>1284</u>		
:	:	:	:	Name: <u>Patricia E. Johnson</u>		
:	:	:	:	Rating: <u>TA 1516258</u>		
:	:	:	:	Date: <u>4/5/87</u>		
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		



DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

4-22-1988 TACK 267.81

COMPLETED 100 HR INSPECTION ON ENGINE  
PER INSPECTION REPORT, COMPRESSION WAS  
1-77 2-73 3-77 4-68, CLEANED & GAPPED  
PLUGS, CHECKED TIMING, AD 81-19-04 & 82-27-03  
COMPLIED WITH IN 1984 BY INSTALLING NEW  
HOSES AND HOUSING, ENGINE TEST RUN  
OK AND IS DETERMINED TO BE IN AIRWORTHY  
CONDITION THIS DATE. AEP 529484666

Wayne Wilkinson

1-22-89 TACH TIME 340.1

INSTALLED HARTZELL PROPELLER SN^T CH17019  
ON THIS ENG. TEST RAN & CK'D FOR PROPER OPERATION.

W. J. [Signature]  
AEP 7066211

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	APRIL 20, 1989			TACK 340.94	TS04 1453.4	
	:	:	:	COMPLETED 100 HR INSPECTION		
	:	:	:	ON ENGINE PER INSPECTION REPORT		
	:	:	:	COMPRESSION WAS 1-78 2-74		
	:	:	:	3-77 4-70, CHECKED TIMING		
	:	:	:	CLEANED PLUGS, INSTALLED NEW		
	:	:	:	NO BLOW EXHAUST GASKETS.		
	:	:	:	TIGHTENED INTAKE HOSES COMPLIED		
	:	:	:	WITH AD-75-09-08 PART A, ENGINE		
	:	:	:	IS DETERMINED TO BE IN		
	:	:	:	AIRWORTHY CONDITION THIS		
	:	:	:	DATE, ADP 5294B4608		
	:	:	:	<i>James H. Johnson</i>		
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

APRIL 25, 1990 TACK 425.04 T.S.O.H. 1537.5  
COMPLETED 100 HR INSPECTION ON ENGINE  
PER INSPECTION REPORT, COMPLIED WITH  
AD. 90-04-06 PROP GOVERNOR OIL LINE  
INSPECTION, COMPRESSION WAS 1-76 2-75 3-77 4-66  
CLEAN & GAPPED PLUGS, CHANGED OIL AND  
FILTER, ROTATED PUSH ROD HOUSING #4 TO  
STOP OIL LEAK. ENG TEST RUN & AND IS  
DETERMINED TO BE IN AIRWORTHY CONDITION  
THIS DATE. AEP 529484666 *Wayne H. Hinson*

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:	APRIL 10, 1991	TACK 487.37	
	:	:	:	COMPLETED 100 HR INSPECTION ON		
	:	:	:	ENGINE PER SERVICE MANUAL		
	:	:	:	COMPRESSION WAS 1-74 2-69 3-75		
	:	:	:	4-67 COMPLIED WITH AD 75-09-08		
	:	:	:	ENGINE MT. INSPECTION. ENGINE		
	:	:	:	IS DETERMINED TO BE IN AIRWORTHY		
	:	:	:	CONDITION THIS DATE. AEP 52948466		
	:	:	:	<i>Wayne Wilkinson</i>		
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
<b>TOTALS</b>	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		



DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

28 May 1991 TACH 494.97 - Removed Left MAG, INSTALLED New Large  
DISTRIBUTOR GEAR, INTERNALLY TIMED MAG  
Reinstalled MAG + timed - A/C ground run + ops checked  
good.

Michael Scott

A+P 580993IA RFW.O.5659

May 30, 1991 TACH 498.6 TT Since overhaul 1611.06 Removed Left mag  
due to failure in flight. Cleaned + inspected. Installed new distributor block  
P/N 10-52949. Installed + timed mag. ground run test okay.

Craig Karel A+P 51929525IA

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:	FEB 11, 1992	TALK 0534.61	TT 1647.07
	:	:	:	COMPLETED 100 HR INSPECTION ON		
	:	:	:	ENGINE PER SERVICE MANUAL.		
	:	:	:	COMPRESSION WAS 1-78 2-75 3-70		
	:	:	:	4-73, CLEANED PLUGS, & CHECK		
	:	:	:	MAG TIMING, COMPLIED WITH		
	:	:	:	AD 90-04-06 INSPECTION OF OIL		
	:	:	:	LINE, INSTALLED 6 QTS NS 40		
	:	:	:	ENGINE IS DETERMINED TO BE IN		
	:	:	:	AIR WORTHY CONDITION THIS DATE.		
	:	:	:	A&P 529484666		
	:	:	:	Wayne Wilkinson		
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

TACH 580.4

T.T. 1692.8

1113  
580.4  
1693.4

Annual Insp.

T-sp. points BOTH MAFS AND TIME TO RUL.

Comp. #1  $\frac{80}{80}$  #2  $\frac{80}{80}$  #3  $\frac{75}{80}$  #4  $\frac{75}{80}$ 

CHANGED OIL WITH PHILLIPS 20W50 OIL CHANGED OIL FILTER AND  
TSP. OLD FILTER FOR METAL. CLEANED AND CAPED SPARK PLUGS,  
CLEANED PULV FILTER, INSTALLED NEW AIR FILTER.

COMPLIED WITH AO 90-04-06 R1 BY REPLACING HOSE AND FITTINGS WITH ST20  
TASU APPENDIX 2.

5/26/93 Wd. Rhine JAN 1802924

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:	TACH 638.1 T.T. 5401H	1750.5	
MAG AD'S: Comply with AD 94-01-03 T.A.W. PCM S/B #637 Insp Rotating MAG parts and REPLACED COILS with 10-3571654 coils Comply with AD 94-6-9 Insp MAGS for COND. # 349276 not installed						
CARB AD'S	93-18-03	N/A	KAS V STAMP	OIL	AFRO STALL	15W 50
	:93-19-04	N/A	DATE			
:	:	:	:			
:	:	:	:			
:	:	:	:			
:	:	:	:			
:	:	:	:			
:	:	:	:			
:	5/24/99	:	:			
:	:	:	:			
:	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		



DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

TACH 647.9 T.I. SMOKE 1760.3

Annual Insp. Insp. MAC's points + Timonice

REPAIR Rx system MURPLER - REBUILT BY ARRO SPAC WILSON. ^{BUS WILSON} M.M.MACHINE all exhaust ports on cyl. Install Rx system with new studs  
nuts + washers. clean + gap spark plugscomp. #1  $\frac{74}{80}$  #2  $\frac{78}{80}$  #3  $\frac{78}{80}$  #4  $\frac{80}{80}$  Install new pushrod TUB  
couple #4 M. SIDE install all new rocker cover washers

Install 9 QTS ARMO SHAK 15W50 oil new oil filter Insp. oil.

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

6/13/95 W.D. [Signature] 1802926

DATE BRT. FWD.	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
10 July 96	TACH: 723.45	:	:	1836.35 TSMOH	(2975.45 TAF)	
"I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION"				PERFORMED ANNUAL T/W/FAR 43 APPENDIX D. CHANGED OIL (7QTs Aircel 15W50), Cleaned Cap tested &amp; rotated plugs top to bottom. Replaced Air filter (BAGLOS) WASHED ENGINE Lubber Controls. Compression #1 78/80, #2 26/80, #3 65/80, #4 74/80.		
	SSO A.V.	:	:			
	AR129441512JA	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

9/10/97 tach 759 SOH 1871.9 Completed annual inspection TDW  
FOR 43, app D checked AD Mlos to date - see ATP report  
PW AD 75-08-09 R3 + 96-09-10C by replacing oil pump  
gear kit P/N 05K 19423-5 and shaft P/N 61174. Installed  
new style engine mount. Replaced fuel hose in engine  
compartment. Changed oil - checked and cleaned screens  
Leak + ops check. Compression (1) 72 (2) 75 (3) 75 (4) 70

DATE 9/10/97 TACH TIME 729 TOTAL TIME 1871.9

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE

WITH Annual INSPECTION AND WAS DETERMINED  
TO BE IN AIRWORTHY CONDITION.

WO#

5467

EPDR645D

White

EXECUTIVE FLIGHT INC.

E. WENATCHEE, WA 98802

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	10-13-97		TACH 790.79			
:	:	:	:			
:	:	:	:	Removed defective Turbo		
:	:	:	:	Installed new Turbo cleaned		
:	:	:	:	Turbo after test run, checks		
:	:	:	:	Good. ok for service		
:	:	:	:			
:	:	:	:	Pertinent details of the repair/work are on		
:	:	:	:	file at this repair station in Work Order 97-254		
:	:	:	:	F.A.A. APPROVED REPAIR STATION NT3R722L		
:	:	:	:	LAKE AERO STYLING & REPAIR		
:	:	:	:	LAMPSON FIELD - P.O. BOX 545		
:	:	:	:	LAKEPORT, CA 95453 - (707) 263-0412		
:	:	:	:			
:	:	:	:			
:	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		



DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

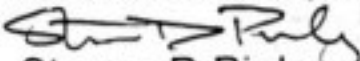
23 NOV 1998 TACH 929.0 TOTAL TIME 2341.9 TSOH 2041.9 ANNUAL INSP: COMPRESSION  
72-73-76-74, CHG'd OIL, CLEANED FILTER-AERO SHELL 15W50; R&R AIR  
FILTER, OIL PRESSURE LINE; C/W AD's 95-07-01 NA BY DATE, 96-12-07 NA  
BY P/N, 98-01-06 NA BY SUBMODEL, 98-02-08 NA-NO PLUG, 97-01-03 NA-NO  
PIN CHG, 95-26-02 NA BY REG #, 75-09-08 NO LONGER APPLIES-MODIF,  
96-09-06 BY INSP-OK; GEN'L MAINT.

I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in  
airworthy condition. Pertinent details of the repair/work are on file at this repair station in Work Order 98-248.

LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L,  
4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412.

*Eric P. Ferraro*

# ENGINE OVERHAUL

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.						
<b>AIR YOSEMITE</b> 10735 AIRPORT ROAD						
COLUMBIA CA 95310 PH 209 532 3855						
<b>7/15/99 N5655Q TACH 960.0 SMOH 0.0</b>						
Overhaul engine per Lycoming Direct Drive Engine Overhaul Manual and pertinent Service Bulletins. All internal steel parts magnafluxed and dimensionally inspected.						
Crankcase overhauled by Engine Components. Engine reassembled with new camshaft, bearings, crankshaft bolt, rod bolts and nuts, alternator, vacuum pump, light weight starter, Lasar ignition system, and Superior Power Assemblies. Carburetor, fuel pump, turbo scavenge pump, and governor were overhauled. Turbo hoses were replaced with Stratoflex lifetime hoses. Baffles were repaired and new baffle seal installed. Carburetor air box was rebuilt.						
 Steven D Pinley A&P564665307						
<b>TOTALS</b>	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

## ENGINE DISASSEMBLY FOR PROP STRIKE INSPECTION

DATE

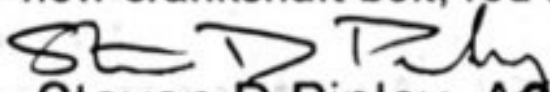


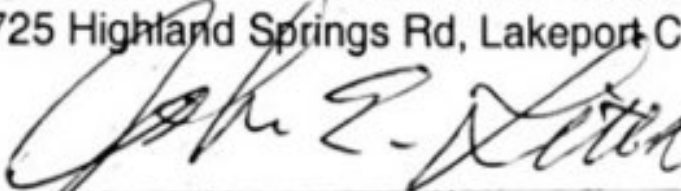
MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

**AIR YOSEMITE** 10735 AIRPORT ROAD  
COLUMBIA CA 95310 PH 209 532 3855

9/27/99 N5655Q TACH1005.5 SMOH 45.5

Engine disassembled for prop strike inspection. All internal steel parts magnafluxed and dimensionally inspected. Crankcase zygo inspected. Crankshaft inspected and reassembled per AD 91-14-22 in accordance with Avco Lycoming Service Letter No L163C and Textron Lycoming Service Bulletin No 475 Rev.B. Engine reassembled with new crankshaft bolt, rod bolts and nuts, gaskets and seals.

  
Steven D Pinley A&P564665307

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. F	.	.	.			
2 NOV 1999 TACH 1012.2, TOTAL TIME 2425.1, TSOH 52.2 ANNUAL INSP: COMPRESSION-75-76-74-76, NO OIL CHANGE-AERO SHELL 100W; AD's 96-09-10 PCH @ OH, STD FUEL PUMP; TURBO HOSES DUE 7-04; GENERAL MAINTENANCE I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and was determined To be in an airworthy condition. Pertinent details of the repair/work are on file at this repair station in Work Order 99-216_. <b>LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L</b> 4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-263-0420  I.A. 446560005,						
	.	.	.			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
<b>TOTALS</b>	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		



DATE

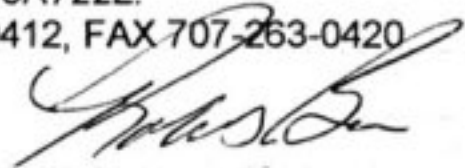
## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

07 NOV 2000 TACH 1192.2 TT 2605.1 TSOH 232.2 ANNUAL INSP: COMPRESSION-77, 72, 75, 74,  
CHG'd OIL & FILTER-AERO SHELL 100 W; R&R AIR FILTER, PUSH ROD  
TUBES/SEALS, ALTERNATOR ADJUSTING ARM, CORRECT CYL #3  
EXHAUST ROCKER ARM; INSTALLED OIL FILTER; CW AD's EMERG  
00-18-53 NA BY DATE, 98-17-11 NA BY DATE/CRS ; GENERAL  
MAINTENANCE

I certify that this ENGINE has been checked in accordance with an ANNUAL INSPECTION and was determined to be in airworthy condition. Pertinent details of the repair/work are on file in Work Order 00-243.

LAKE AERO STYLING & REPAIR, FAA REPAIR STATION NO. NT3R722L.

4725 HIGHLAND SPRINGS RD, LAKEPORT CA 95453, 707-263-0412, FAX 707-263-0420

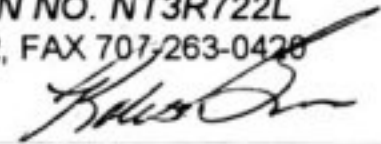


22 MAY 2001 TACH 1262.20 CHANGED OIL, FILTER AND QUICK DRAIN, RESERVICED WITH  
AEROSHELL 100W OIL, 8 QTS; GENERAL MAINTENANCE.

I certify that this COMPONENT has been inspected in accordance with current Regulations and was determined to be in an airworthy condition. Pertinent details of the repair/work are on file at this repair station in Work Order 01-137.

LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L

4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-263-0420



DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	16 AUG 2001 TACH 1305.7 REPLACED BROKEN ALTERNATOR BRACKET, INSTALLED WASHER, LOCK WASHER AND NUT ON #1 EXHAUST STACK AT CYLINDER AND P JT DYE IN OIL, RAN ENGINE, CHECKED WITH BLACK LIGHT, NO LEAKS DETECTED; GENERAL MAINTENANCE.   I certify that this COMPONENT has been inspected in accordance with current Regulations and was determined to be in an airworthy condition. Pertinent details of the repair/work are on file at this repair station in <u>Work Order 01-219</u>.   <b>LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L</b>   4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-263-0420					
	21 DEC 2001 TACH 1322.6 CHANGED OIL AND FILTER, RESERVICED ENGINE WITH 8 QTS AEROSHELL 100W OIL; COMPRESSION CHECK #1-78, #2-77, #3-76, #4-77/80; INSTALLED NEW TURBO HOSE; REPLACED MAG GEARS AND IDLER SHAFTS; WELD REPAIRED CARB AIR BOX (D.DAVIS WELDING); REPLACED FUEL LINE FROM FUEL PUMP TO CARB WITH FIRESLEEVEING, REPLACED BOTH OIL COOLER LINES WITH FIRESLEEVEING, REPLACED ENGINE MOUNT BOLTS (4EA), REPLACED ROCKER BOX GASKETS; OBTAINED FAA LETTER FOR DATA PLATE REPLACEMENT AND REQUESTED FROM LYCOMING (ENGINE S/N L11732-36A); R&amp;R FUEL PUMP FOR RESEALING; GENERAL MAINTENANCE.   I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition. Pertinent details of the repair/work are on file at this repair station in <u>Work Order 01-244</u>.   <b>LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L</b>   4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-263-0420					
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

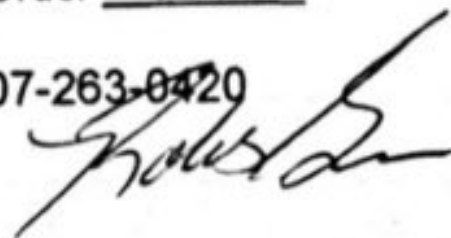
## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

10 DEC 02 TACH 1410.5 TT 2823.4 TSMOH 450.5 ANNUAL INSPECTION: COMPRESSION  
78-76-76-77-CHG'D OIL & FILTER- **AERO SHELL 100W, OIL ADDITIVE**; R & R AIR  
FILTER, ALTERNATOR SUPPORT ASSY; CW AD's 93-02-05© BY INSP, 02-09-08  
NA BY ENG SUBMODEL; GENERAL MAINTENANCE.

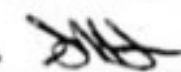
I certify that this ENGINE has been checked in accordance with an ANNUAL INSPECTION and was determined to  
be in an AIRWORTHY condition. Pertinent details of the repair/work are on file in Work Order 02-339.

**LAKE AERO STYLING & REPAIR, FAA REPAIR STATION NO. NT3R722L.**

4725 HIGHLAND SPRINGS RD, LAKEPORT CA 95453, 707-263-0412, FAX 707-263-0420



1-20-04

Oil was changed AT 1456.16 TACH TIME ON 24 NOV 03. 

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
20 JAN 2004 TACH 1464.3 HRS TT 2877.2 HRS TSDH 504.3 COMPRESSION TEST 77-76-76-76, R&R AIR FILTER; REPOSITIONED OIL COOLER LINE TO PREVENT CHAFING ON AIR BOX; TIGHTENED L/H LOWER NUT ON VACUUM PUMP; INSTALLED NEW TURBO MOUNT BOLT AND SAFETIED; REPLACED MISSING SCREWS IN BAFFLES; AD03-14-03 N/A BY P/N INSTALLED GENERAL MAINTENANCE. ALSO SEE AIRFRAME & PROP LOGS.						
I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition. Pertinent details of the repair/work are on file at this repair station in <u>Work Order 03-350</u> . <b>LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L</b> 4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-263-0420						
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
<b>TOTALS</b>	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		



DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

ENGINE MODEL:  
ENGINE S/N:  
REG. NO: N5655Q  
WORK ORDER:  
272-06-2004



Lake Aero Styling &amp; Repair

Repair Station No. NT3R722L  
4725 Highland Springs Road  
Lakeport, CA 95453  
Phone: 707-263-0412

DATE: 6/24/2004  
A/C TSN:  
ENG TT:  
TACH: 148628

## Engine Entries

(2) R&amp;R turbo, P/N 646396 S/N TKO177P, leak and operational check normal

← TURBO R&amp;R

## Maintenance Release

The aircraft and/or component(s) on N5655Q was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 272-06-2004, Dated 6/24/2004.

DATE: 6/24/2004

SIGNED:

Work Order: 272-06-2004

Printed by EBis 3 (datcomedia.com)

7/24/04	oil was changed @ 1500 tach time	ASD
9/24/04	oil was changed @ 1530 tach time	RND
11/21/04	oil was changed @ 1560 tach time	RND
12/24/04	oil was changed @ 1600 tach time	RND
12/24/05	oil was changed @ 1640 tach time	RND

ASD  
RND  
RND  
RND  
RND

BRT.  
FWD.

2/7/05:

1560.9: TACH:

5329.9: TTA:

2973.8: TIE:

600.9: TSMOH

compression test results #1 68/80 #2 68/80  
#3: 70/80 #4 70/80

serviced 8 qts 100w AEROSHELL oil

Replaced spark plug with new RHm-38's

I CERTIFY THAT THIS Engine  
HAS BEEN INSPECTED IN  
ACCORDANCE WITH AN ANNUAL  
INSPECTION AND WAS DETERMINED  
TO BE IN AIRWORTHY CONDITION.  
KYLE K. GABEL   
A & P 5037677191A

Ground performance RUNS &  
leak ✓ Satisfactory

TOTALS

All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

12/24/05 oil was changed @ 1640 tach time

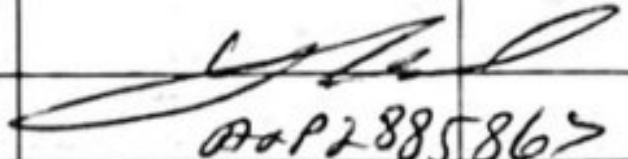
3/14/06 1674.0 1674.0  
TSM 714.0  
TTC 3056.9

NOTED THAT THIS ENGINE OIL DRAINED, Filter Removed.  
HAS BEEN INSPECTED IN f INSPOK. New Filter unit added.  
ACCORDANCE WITH A 50 ANNUAL SERVICED ENGINE WITH W-100 50WT  
INSPECTION AND WAS DETERMINED aerodull oil. Compression test  
TO BE IN AIRWORTHY CONDITION. results #1 74/80 #2 70/80 #3 70/80 #4 75/80  
MICHAEL D. CAVANAGH  
A & P 21484901A

INSTALLED New Left MAG 4771-E Ser #

06011299 & Rt MAG 4775E 505050299 in accordance with MPGRS  
instructions - Tuning set (LASAN special tool used). Sparkplugs  
cleaned gapped & tested ok - Engine washed down ground  
run basic & ops checked ok. Michael D Cavanaugh

8/6/06 oil change 1698 tach time MM 1A 21484901A

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:	CHANGED oil + Filter		
10/30/06:	:	:	:	Inspected Filter nothing noted.		
1731.2 TALT	:	:	:	Serviced 8 qts AEROSHELL W100		
771.2 TSMOH	:	:	:	Replaced Brackett Air filter Element with		
3144.1 TTE	:	:	:	New BA6108.		
:	:	:	:	Conc'd Run & leak OK		
:	:	:	:		 DAP2885867	
9/7/07 :	:	:	:	C/w AD's 2004-10-14 direct of Hq prop stud		
1745.92	:	:	:	check pressure #1 7 $\frac{3}{8}$ #2 7 $\frac{3}{8}$ #3 7 $\frac{3}{8}$ #4 7 $\frac{3}{8}$ direct		
SMDH 785.92	:	:	:	as well W100 I certify that this aircraft has been		
TT 3158:82	:	:	:	inspected IPW an annual inspection was determined		
	:	:	:	to be in airworthy condition Right the P/560332687 IP		
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		



DATE

BA-6103  
A112 TINTER

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

9/14/08 Tach 1803.7 ch compression  $\#1 \frac{75}{80}$   $\#2 \frac{73}{80}$   $\#3 \frac{76}{80}$   $\#4 \frac{76}{80}$   
 SMOH 848.7 changed oil + filter I certify that this engine has been  
 TT 3216.60 inspected IAW an annual inspection and was determined  
 to be in airworthy condition Rgwalter PP 3280798 IA

9/15/09 Tach 1828.62 ch compression  $\#1 \frac{74}{80}$   $\#2 \frac{74}{80}$   $\#3 \frac{74}{80}$   $\#4 \frac{70}{80}$   
 SMOH 873.62 changed oil + filter overhauled 100w inspected engine IAW  
 TT 3241.52 an annual inspection and was determined to be in airworthy  
 condition Rgwalter AP 3280798 IA

10/19/09 TACH 1833.40 REPLACED PRESSURE SWITCH OPERATES PANEL MOUNTED TURBO  
 OIL WARNING LIGHT WITH NEW STEWART WARNER/HOBBS PART NUMBER 76072  
 COMPATIBLE TO ORIGINAL PART NUMBER M4013.  
 Doug Hymanach COM. PILOT 3121812 ~~544~~ OPERATOR.

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:	compression test Results		
4/27/2011	:	:	:	#1: 72/80 #2 74/80 #3 76/80 #4 72/80		
1849.0 TAUH	:	:	:	Engine serviced 8 qts AEROSHELL W100 oil		
5558.0: TTA	:	:	:	Removed both MAGNETO's. Reset L/H MAGNETO		
3201.9 ITF	:	:	:	INTERNAL timing, in accordance with the		
829.0 TSMOH	:	:	:	SLICK LAZAR maintenance manual. Reinstalled		
:	:	:	:	Both MAGNETO's and set timing to Engine		
:	:	:	:	Data plate spec's.		
:	:	:	:	Removed carburetor. Removed bowl and cleaned.		
:	:	:	:	bowl area, Reassembled and torqued IN		
:	:	:	:	Accordance with the Overhaul manual for		
:	:	:	:	this carburetor and safetied,		
:	:	:	:	Reinstalled carburetor.	cont →	
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

4/27/2011

COU+ ANNUAL ENTRY →

3201 ATT

Replaced #4 cylinder drain back tube with new  
P/N. 68761.

cleaned Propeller Flange Prep'd + painted

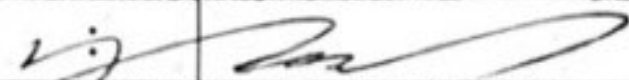
Replaced crank shaft seal with new LW13792

Removed dipstick tube. Replaced base gasket  
and Reinstalled tube + safetied.

Replaced ALTERNATOR Drive Belt with new  
37B19774-325

Removed Starter. Disassembled + replaced  
Bendix drive with serviceable unit. Reassembled  
and Reinstalled.

*glue*  
A02885867

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
4/27/2011				I certify that this <u>Engine</u> has been inspected		
1849.0 TACH				In accordance with a(n) <u>ANNUAL</u> and found to be in		
5558.0 TIA				An airworthy condition this time and date.		
3201.9 TIE				Time <u>3201.9 TIE</u> Date <u>4/27/2011</u>		
829.0 TSMOH				 KYLE GABEL A&P2885867IA		
:	:	:		Post Inspection Ground Performance Runs		
:	:	:		Leak & Systems VS Satisfactory		
:	:	:				
10/14/2011				changed oil & filter		
1902.57: TACH				inspected oil filter		
:	:	:		serviced 8qts Phillips 50wt XC oil (new)		
:	:	:		Ground Run & Leak OK  A&P2885867		
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		



DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

6/1/2012

COMPRESSION TEST RESULTS

1922.07 TACH

#1 76/80 #2 72/80 #3 70/80 #4 70/80

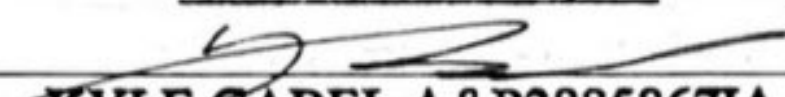
5631.07 TTA

SERVICED 8 qts AEROSHELL W100 oil

3274.97 T/E

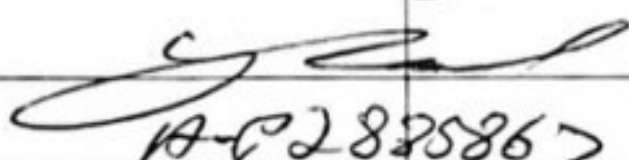
902.07 TSMOH

I certify that this ENGINE has been inspected  
in accordance with a(n) ANNUAL and found to be in  
an airworthy condition this time and date.

Time 5631.07 TTA Date 6/1/2012  
KYLE GABEL A&P28858671A

POST INSPECTION Ground performance

Run OK &amp; systems satisfactory

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:					
10/15/2012				Drained oil and replaced oil filter		
1394.4 TACH				inspected oil filter nothing noted.		
	:			Removed oil sump/induction assy.		
	:			Replaced pan Gasket with new CW13353		
	:			Reassembled using new gaskets & seals as		
	:			required.		
	:			Serviced 8gts 100w AEROSHELL oil		
	:			Loaded Run & Check OK		
	:	:	:			
	:	:	:		A-C 2825867	
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

7/9/2013 compression test results  
 2000.1 TACU #1 72/80 #2 73/80 #3 77/80 #4 72/80  
 5709.1 TTA Removed Exhaust system. removed #1 cylinder  
 3353.0 TTE Exhaust studs and resurfaced Exhaust flange  
 980.1 TBMOM installed new 31C12 studs. Reinstalled Exhaust  
 system using new Exhaust to cylinder gaskets  
 LW 5280's and new turbo system gaskets 2 of  
 RT0114 + one RT0115.  
 serviced 8 qts AEROSHELL W100 oil.

I certify that this ENGINE has been inspected  
 In accordance with a(n) ANNUAL and found to be in  
 An airworthy condition this time and date.

Time 5709.1 TTA Date 7/9/2013

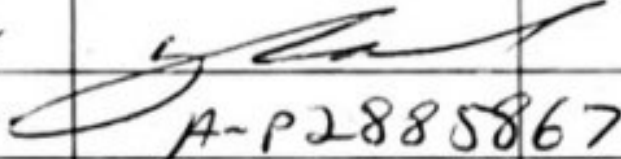
KYLE GABEL A&P2885867IA

Post Inspection

Ground Performance Run

Leak ✓ + systems ✓ S

satisfactory

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
11/18/2013:				Removed Engine Driven Fuel pump P/N R615980P		
2044.23 TACH				S/N C-3274		
:				Overhauled by Quality Aircraft Accessories		
:				REF FAA form 8130-3 dated 11/15/2013		
:				Reinstalled after overhaul.		
:				Ground Run & Leak ✓ OK		
:						
:					A-P2885867	
:						
12/12/13:				CHANGE OIL & FILTER		
2045.35 TACH				INSPECTED FILTER		
:				SERVICED WITH 8 QTS AEROSHELL W100		
:				GROUND RUN & LEAK ✓ O.K. David Ravitt ATP 3565550		
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		



DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

7/30/2014

COMPRESSION TEST RESULTS

2118.62 TACH

#1 65/80 #2 70/80 #3 75/80 #4 70/80

5827.62 TIA

SERVICED 8qts AEROSHELL W100 OIL.

3471.52 TTE

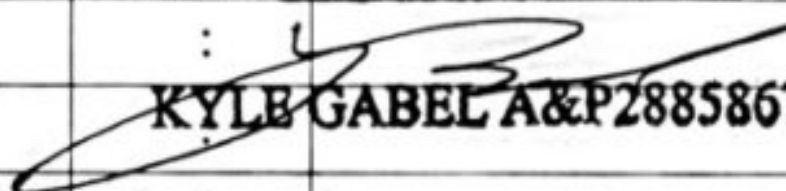
POST INSPECTION Ground performance Run

1098.62 TSMOH

Leak &amp; systems V/S satisfactory.

I certify that this Engine has been inspected  
In accordance with a(n) ANNUAL and found to be in  
An airworthy condition this time and date.

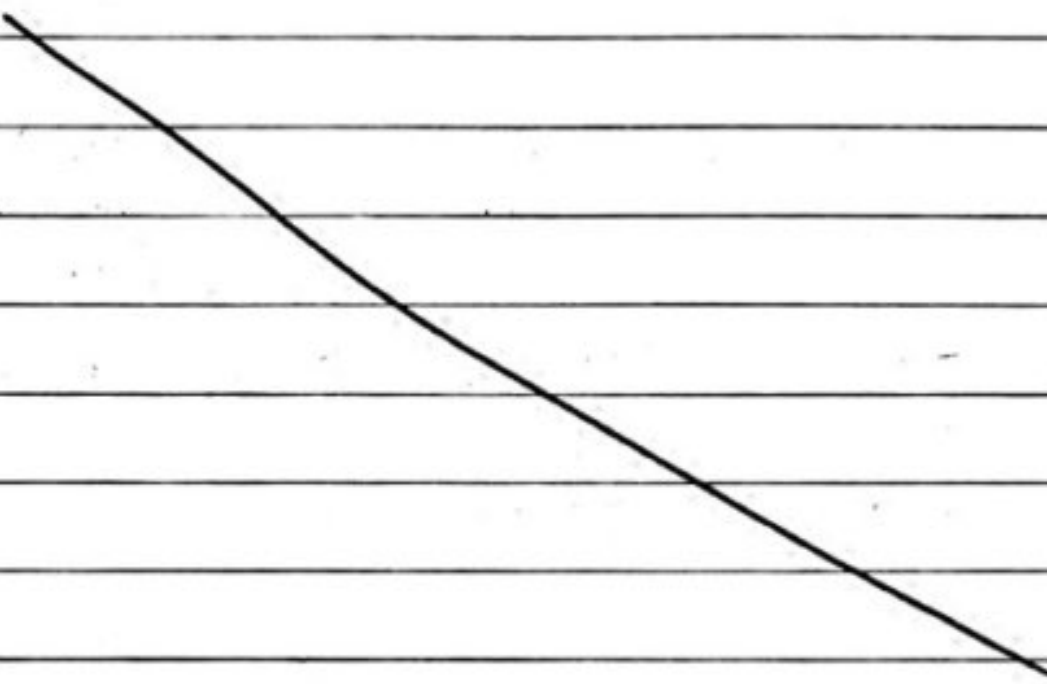
Time 5827.62 TIA Date 7/30/2014  
KYLE GABEL A&P28858671A

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
7/31/2015:	:	:	:	compression test results		
	:	:	:	#1 70/80 #2 66/80 #3 72/80 #4 68/80		
2201.45 TAAH	:	:	:	serviced 89TS AEROSHELL W100 0, L		
5910.45 TTA	:	:	:	POST INSPECTION Ground performance Run		check
1181.45 TSMOH	:	:	:	& system ✓ satisfactory		
3554.35 TIE	:	:	:			
:	:	:	:	I certify that this <u>Engine</u> has been inspected		
:	:	:	:	in accordance with a(n) <u>ANNUAL</u> and found to be in		
:	:	:	:	An airworthy condition this time and date.		
:	:	:	:	Time <u>5910.45 TTA</u> Date <u>7/31/2015</u>		
:	:	:	:			
:	:	:	:			
:	:	:	:	KYLE GABEL A&P2885867IA		
:	:	:	:			
:	:	:	:			
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

2/9/16 R&R ENGINE OIL & FILTER. CHECKED FILTER ELEMENT,  
TEST RAN ENGINE - NO LEAKS. TACH TIME 5,985.0  
TSMOH 1,265.95 ~~ABWTH~~ 565550



DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.						
	Engine logbook entry N5655Q engine S/N I-11732-36A 5995.0 Tach/TTA 10/25/2016					
	Engine disassembled for cam/lifter replacement.					
	Replaced lifter bodies with overhauled units supplied by A/C specialties services					
	W.O.#239207 dated 28 sep 2016. New Superior cam P/N SL18840. Assembled using					
	new gaskets, o-rings and seals as required.					
	Replaced all four cylinders with new loaded complete Lycoming cylinder kits					
	P/N 05K21104.					
	Replaced four spark plugs with new Champion RHM38E's					
	All work done in accordance with the Lycoming direct drive overhaul manual and					
	applicable Lycoming SB's and SL's.					
	Reinstalled engine and serviced with Phillips 20-50 M break-in oil.					
	Performed satisfactory ground performance runs, leak checks and systems checks.					
	I certify that this engine has been inspected in accordance with an annual inspection					
	and determined to be in an airworthy condition.					
	ENGINE TSMOH 1266   TTA 3629.9        KYLE GABEL A&amp;P2885867					
TOTALS	:	.	.	mechanic or repair agency with name, rating and cert. no.		

icated



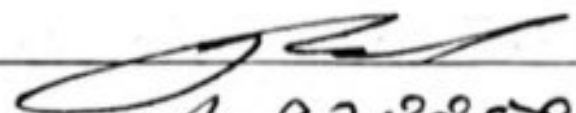
DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

10/25/2016

5996.4 TACH

Replaced oil filter with new CH48109-1  
cut open and inspected removed filter.  
nothing noted.

  
A-P2885867

1/13/2017

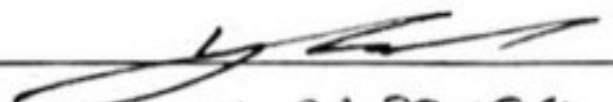
6013.0 TACH

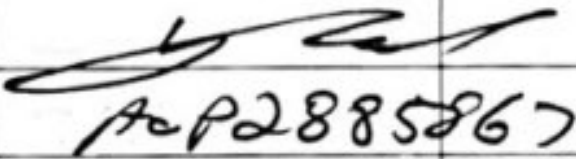
changed oil &amp; filter.

inspected oil filter. nothing noted

serviced 79TS AEROSHELL W100+oil &amp; camguard.

Ground run &amp; leak check

  
A-P2885867

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:		changed oil - Filter		
7/25/2017	:	:		INSPECTED oil filter. nothing noted		
6053.0: TACH:	:	:		serviced 8qt Phillips 100AD oil.		
:	:	:		Replaced Black & Tan Air filter with new		
:	:	:		BA6108.		
:	:	:		Ground Run & Leak OK		
:	:	:				
:	:	:			AP2885867	
:	:	:				
:	:	:				
:	:	:				
:	:	:				
:	:	:				
:	:	:				
:	:	:				
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

12/13/2017

compression test Results

6085.9 TPA/TJA

#1 75/80 #2 77/80 #3 75/80 #4 77/80

3720.8 TJE

serviced 8gts Phillips 20W-50 XC oil

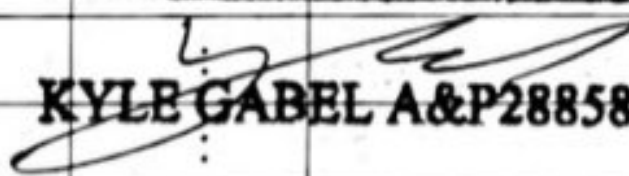
1356.9 TSMOH

POST INSPECTION Ground performance Run Leak  
✓ systems VS sat. satisfactory

I certify that this Engine has been inspected  
In accordance with a(n) ANNUAL and found to be in  
An airworthy condition this time and date.

Time 6085.9 TJA Date 12/13/2017

KYLE GABEL A&amp;P28858671A

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:				
1/17/2019	:	:		compression test results		
6129.4 TPAH/TPA	:	:		#1 75/80 #2 74/80 #3 75/80 #4 75/80		
3764.3 ITE	:	:		Serviced 8yts Phillips 20W-50 XC oil		
1400.4 TSMOH	:	:		POST INSPECTION 61000, performance run back		
	:	:		systems/s satisfactory.		
	:	:		I certify that this <u>ENGINE</u> has been inspected		
	:	:		In accordance with a(n) <u>ANNUAL</u> and found to be in		
	:	:		An airworthy condition this time and date.		
	:	:		Time <u>6129.4 TPA</u> Date <u>1/17/2019</u>		
	:	:				
	:	:		KYLE GABEL A&P28858671A		
	:	:				
	:	:				
	:	:				
	:	:				
TOTALS	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

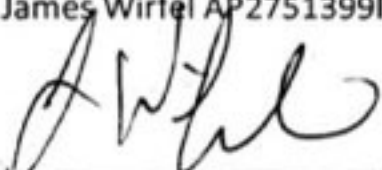


DATE

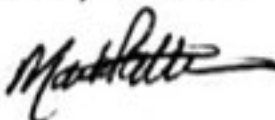
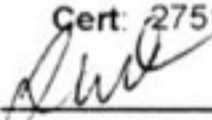
## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

9-25-19 OIL AND FILTER CHANGED, INSPECTED OIL FILTER, NOTHING  
 6162.3 TACH FOUND. SERVICED WITH 8qts PHILLIPS 20W50 XC OIL.  
 3797.2 TTE REPLACED AIR FILTER W/NEW. GROUND RUN CHECK O.K.  
 1433.3 TSMOH Mark Patton A-P 4279920

3-2-20 Compression Test Results  
 6189.0 TACH #1 75/80 #2 75/80 #3 76/80 #4 76/80  
 3823.9 TTE Serviced 8qts Phillips 20W50 XC oil & new filter. Replaced  
 1460 TSMOH carb. fuel screen, Replaced Turbo Return oil line, turbo to  
 check valve, Replaced fuel pressure line, carb to sender,  
 Mag timing check OK (25° BTDC)  
 Mark Patton A-P 4279920

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	✓	✓	March 3, 2020 Lycoming o-360-A1D SN L-11732-36A		
	:			TTSO 1460.0 TT 3856.8		
	:			I certify that this engine has been inspected in accordance with an annual inspection and found to be in an airworthy condition.		
	:			James Wirfel AP2751399IA		
	:					
	:	:	:			
5-22-20	:			INSTALLED NEW STARTER (B & C 315, STC SE00939W1)		
6205.6	TACH			AND NEW LEFT MAGNETO (LASAR 4771, S/N 00010163)		
3840.5	TTE			GROUND: CHECK O.K. Mark Patterson - ACP 4279920		
1476.6	TSMOH	:	:			
<b>TOTALS</b>	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE	MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS <i>Previous Entry</i>		
6-30-20		<del>INSTALLED NEW LEFT MAGNETO (LASAR P/N 4771, SIN MP</del>	
6211.0	TACH	<del>0610163)</del> AND NEW ALTERNATOR (P/N 015-01237, SIN	
3845.9	TTE	A919043) AND NEW VOLTAGE REGULATOR (PLANS POWER	
1482	TSMOH	R1224). GROUND RUN O.K. <i>Mark Patten</i> ACP 4279920	
6219.3	TACH	REPLACED ENGINE OIL & FILTER, FILTER INSPECTED	
3854.2	TTE	NOTHING FOUND. SERVICED WITH 8 QTS PHILLIPS 20W50 XC	
1490.3	TSMOH	OIL. ALSO REPLACED OIL DRAIN WITH P/N 07-00879.	
		GROUND RUN O.K. <i>Mark Patten</i> ACP 4279920	
6231.	5 TACH	Removed vacuum pump and installed Airborne Repair	
3866.4	TTE	kit P/N 10-00901. Re-installed vacuum pump with new	
1502.5	TSMOH	gasket, ground run O.K. <i>Mark Patten</i> ACP 4279920	

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	Date: 05/29/2021 Hours: Tach 6257.6. TT 3892.5. SMOH 1528.6				
	:	Tail#: N5655Q				
	:	Make: Lycoming Model: O-360-A1D S/N: L-11732-36A				
	:	Performed 100hr maintenance and inspections ICW Lycoming O-360 MM.				
	:	Compression checks: 1) 76/80 2) 74/80 3) 60/80 4) 75/80. Removed cylinder 3 and				
	:	had exhaust valve repaired, cylinder honed and installed new rings. Serviced Oil with				
	:	8quarts of <u>Phillips 66 XC</u> . Replaced oil filter, inspected old filter, no metal found.				
	:	Timed mags to 25btdc. Replaced carburetor with overhaul via <u>MARVEL SCHEBLER</u>				
	:	Installed new air filter. Ground run, leak check, systems check was satisfactory. I				
	:	certify that this engine is in airworthy condition.				
	:	Mark Patterson AP 4279920 				
	:					
	:	I certify that this engine has been inspected in accordance with a <u>100hr</u> inspection				
	:	and found to be airworthy.				
	:					
	:	Name: James K Wirfel				
	:	Co: Wirfel Aviation Services				
TOTALS	:	Cert: 2751399 IA Sign: 				
						ed by a certificated
						mechanic or repair agency with name, rating and cert. no.



DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

Date: 10/01/2022 Hours: TT 3946.9 Tach 6310.0 SMOH 1583.0

Tail#: N5655Q

Make: Mooney

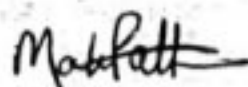
Model: M20C

S/N: 3026

Performed 100hr maintenance and inspections ICW Lycoming O-360MM.

Compression checks: 1) 70/80 2) 75/80 3) 76/80 4) 73/80. Serviced oil with 8 quarts of Phillips 66XC. Replaced oil filter, inspected old filter with no metal found. Timed mags to 25 btc. Installed new air filter. Ground run-up, leak check and systems check was satisfactory. I certify this engine is in airworthy condition.

Mark Patterson AP279920



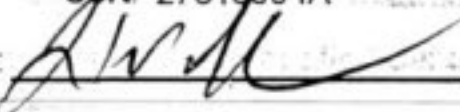
I certify that this engine has been inspected in accordance with a 100 hr inspection and found to be airworthy.

Name: James K Wirfel

Cert: 2751399 IA

Co: Wirfel Aviation Services

Sign:



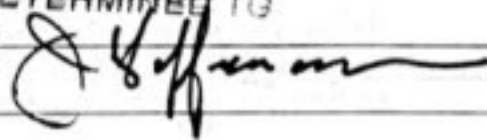
DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
11-21-23	6340	TACH	:	PERFORMED ANNUAL INSPECTION ICW		
	:	:	:	Lycoming O-360 MM. Compression check		
	:	:	:	#1 73/80 #2 75/80 #3 75/80 #4 76/80		
	:	:	:	REPLACED ENGINE oil and Filter, no metal		
	:	:	:	found MAB Timing checked 25 BTC.		
	:	:	:	GROUND RUN UP OK. I certify this		
	:	:	:	engine is in AIRWORTHY CONDITION		
	:	:	:	Mark Batt NRP 4279920		
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
	:	:	:			
<b>TOTALS</b>	:	:	:	All repairs, inspections, alterations must be endorsed by a certificated mechanic or repair agency with name, rating and cert. no.		

DATE

## MAINTENANCE, INSPECTIONS, REPAIRS AND ALTERATIONS

DATE 11-21-23 TACH TIME 6340TOTAL TIME 3976 SMOH 1613I CERTIFY THAT THIS ENGINE HAS BEEN  
INSPECTED IN ACCORDANCE WITH AN ANNUAL  
INSPECTION AND HAS BEEN DETERMINED TO

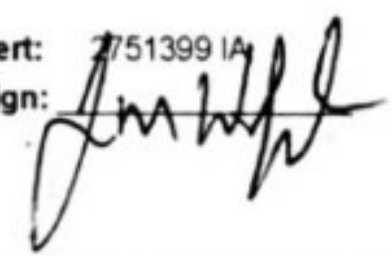
BE IN AIRWORTHY CONDITION



1731735 ZA

9/10/24 6359.5 Replaced engine oil (Phillips 66XC 20W50) and  
filter (Tempest AA48109) WITH NEW. REPLACED  
ENGINE AIR FILTER WITH NEW (BRACKET BA1618)

Mark Patterson  
A-P 4279920

DATE	GROUND TIME	AIR TIME	TOTAL TIME	SIGNATURE OF PERSON MAKING ENTRY	TACHOMETER READING	INSPECTION REFERENCE DATA
BRT. FWD.	:	:	:			
2/18/25	6369.4	TACH	:	PERFORMED ANNUAL INSPECTION I.A.W.		
	:	:	:	LYCOMING O-360 M.M. COMPRESSION TEST #1 77/80		
	:	:	:	#2 75/80 #3 77/80 #4 75/80. MAG. TIMING CHECKED		
	:	:	:	(250BTC) NEW SPARK PLUGS INSTALLED (TEMPEST		
	:	:	:	URHM 38E, TURBO OIL RETURN HOSE REPLACED,		
	:	:	:	HOSE TURBO TO AIR BOX REPLACED, GROUND RUN		
	:	:	:	O.K. I CERTIFY THE ENGINE IS IN AIRWORTHY		
	:	:	:	CONDITION, Mark Patten — ACP 4279920		
	:	:	:	Date: 02/22/2025 Hours: TT 4006.3 Tach 6369.4 SMOH 1642.4		
	:	:	:	Tail#: N5655Q		
	:	:	:	Make: Mooney Model: M20C S/N: 3026		
	:	:	:	I certify that this engine has been inspected in accordance with an 100 hr inspection and found to be airworthy.		
	:	:	:	Name: James K Wirfel	Cert: 7751399 IA	
	:	:	:	Co: Wirfel Aviation Services	Sign: 	
TOTALS	:	:	:	Al mi		artificated



**HARTZELL**

# PROPELLER LOGBOOK

PROPELLER MODEL HC-C2YK-IBF/F7666A-2

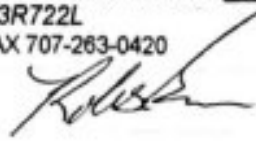
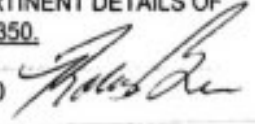
PROPELLER S/N CH33417B

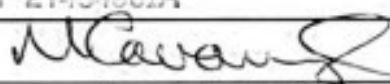
LOGBOOK # 2

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
				<b>AIR YOSEMITE</b> 10735 AIRPORT ROAD COLUMBIA CA 95310 PH 209 532 3855
				9/27/99 N5655Q TACH1005.5
				This propeller installed on this aircraft per instructions in Hartzell Manual No. 115N.
				Steven D Pinley A&P564665307
				<i>Steven D Pinley</i>

				07 NOV 2000 TACH 1192.2 TT 186.7 TSOH -na- ANNUAL INSPECTION: LUBED PROPELLER, INSPECTED BULKHEAD AND SPINNER, BLADES AND HUB; GENERAL MAINTENANCE I certify that this PROPELLER has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition. Pertinent details of the repair/work are on file at this repair station in <u>Work Order 00-243</u> . <b>LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L</b> 4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-263-0420
				<i>Robert Brown</i>
				21 DEC 2001 TACH 1322.6 REMOVED AND REINSTALLED PROP, TORQUED AND SAFETY WIRED BOLTS.
				I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIR/WORK ARE ON FILE AT THIS REPAIR STATION IN <u>WORK ORDER 01-244</u> . <b>LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L</b> 4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-263-0420
				<i>Robert Brown</i>

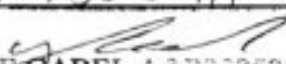
Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
<b>TOM'S AIRCRAFT ENTERPRISES</b> LAMPSON FIELD 4475 HIGHLAND SPRINGS ROAD LAKEPORT, CA 95453				
DATE: <u>05-10-02</u> N: <u>56558</u> AIRFRAME-TACH-HOBBS TIME: <u>1353.49</u>				
PREFORMED DYNAMIC BALANCE OF PROPELLER ASSY. WITH CHADWICK - HELMUTH EQUIPMENT. INITIAL READING <u>.03</u> IPS. ADDED <u>16.2</u> GRAMS OF WT. FINAL READING <u>.01</u> IPS. ALL DONE IN ACCORDANCE WITH CHADWICK-HELMUTH MANUAL # AW-9511-2 NOTE: KEEP SPINNER, PROP. AND BACK PLATE INDEXED TO THE CRANKSHAFT FLANGE TO MAINTAIN PROPER BALANCE WEIGHT POSITION. IF INDEXING IS LOST REMOVE BALANCE WEIGHTS.				
<u>Tom L. Wasson</u> Tom L. Wasson A&P 1378002 I.A.				

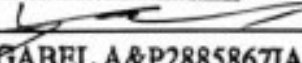
10 DEC 2002	TACH 1410.5	TT 405.0	TSOH NA	CHECKED CONDITION; AD 2002-09-08 NA BY ENG SUBMODEL; GENERAL MAINTENANCE.
I certify that this PROPELLER has been checked in accordance with an ANNUAL INSPECTION and was Determined to be in airworthy condition. Pertinent details of the work are on file in W.O. <u>02-339</u> <u>LAKE AERO STYLING &amp; REPAIR, FAA REPAIR STATION NO. NT3R722L</u> 4725 HIGHLAND SPRINGS RD. LAKEPORT CA 95453, 707-263-0412, FAX 707-263-0420				
				
20 JAN 2004	TACH 1464.3	HRS	TSN 458.8	HRS CHECKED CONDITION, LUBED & DRESSED PROP. INSPECTED BULKHEAD & SPINNER, CHECKED BOLTS & SAFETIES. C/W AD02-09-08 N/A BY MODEL AD03-01-03 N/A BY P/N AD03-06-02 N/A BY P/N AD03-13-17 N/A, NEW PROP FROM HARTZELL INSTALLED 09/27/99 GENERAL MAINTENANCE. ALSO SEE AIRFRAME & ENGINE LOGS.
I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIR/WORK ARE ON FILE AT THIS REPAIR STATION IN <u>WORK ORDER 03-350</u> . <u>LAKE AERO STYLING AND REPAIR, FAA REPAIR STATION NO. NT3R722L</u> 4725 Highland Springs Rd, Lakeport CA 95453-9775, 707-263-0412, FAX 707-263-0420				
				

Date	Propeller (TSN) TSO	AC Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
2/7/05	555.4	1569.9 TACH 5327.9 TTA	I CERTIFY THAT THIS <u>Propeller</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. KYLE K. GABEL  A & P 5037677191A
3/14/06	1674.0 TACH 668.5 TSO		I CERTIFY THAT THIS <u>Prop</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. MICHAEL D. CAVANAGH A & P 214849001A  214849001A

9/7/07	Tach 1745.92	c/w ADs 2006-18-15 NA-cyfr B, 2006-24-07 DHA	
	SMPH 740.42	I certify that the <u>Prop</u> I am an annual inspector and was determined to be in airworthy condition. Kyle K. GABEL AP560332681A	
9/11/08	Tach 1803.7	GREASED WITH AERO SHELL #6 PER PLACARD. c/w ADs I certify that the <u>prop</u> has been inspected I am an annual inspector and was determined to be in airworthy condition. Kyle K. GABEL AP32807983A	
9/15/09	Tach 1828.62	inspected Prop I am an annual inspector and was determined to be in airworthy condition. Kyle K. GABEL AP32807983A	



Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
4/27/2011			removed propeller to change ALTERNATOR Belt
1849.0 TACH			Reinstalled using new O-ring. Torqued & checked
5558.0 TTA			FAW the M20C SERVICE MANUAL + Hartzell service
783.5 TSNP			Instructions
			I certify that this <u>Propeller</u> has been inspected
			In accordance with a(n) <u>ANNUAL</u> and found to be in
			An airworthy condition this time and date.
			Time <u>783.5 TTP</u> Date <u>4/27/2011</u>
			 KYLE GABEL A&P2885867IA

6/1/2012			KYLE GABEL A&P2885867IA
7922.0 TACH			I certify that this <u>Propeller</u> has been inspected
5631.0 TTA			In accordance with a(n) <u>ANNUAL</u> and found to be in
856.57 TTP			An airworthy condition this time and date.
			Time <u>5631.0 TTA</u> Date <u>6/1/2012</u>
			 KYLE GABEL A&P2885867IA
7/9/2013			I certify that this <u>Propeller</u> has been inspected
2000.1 TACH			In accordance with a(n) <u>ANNUAL</u> and found to be in
5709.1 TTA			An airworthy condition this time and date.
934.6 TSNP			Time <u>5709.1 TTA</u> Date <u>7/9/13</u>
			 KYLE GABEL A&P2885867IA
7/30/2014			I certify that this <u>Propeller</u> has been inspected
2118.62 TACH			In accordance with a(n) <u>ANNUAL</u> and found to be in
5827.62 TTA			An airworthy condition this time and date.
1053.12 TSNP			Time <u>5827.62 TTA</u> Date <u>7/30/14</u>
			 KYLE GABEL A&P2885867IA

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
7/31/2015			I certify that this <u>Propeller</u> has been inspected
2201.45 TACH			In accordance with a(n) <u>ANNUAL</u> and found to be in
1135.95 TTP			An airworthy condition this time and date.
			Time <u>5910.45 TTP</u> Date <u>7/31/2015</u>
			<u>KYLE GABEL A&amp;P28858671A</u>
10/25/2016			Removed this Propeller for the purpose of
5995.0 TTP			Engine Repair.
1220.5 TTP			Reinstalled IAW the Hartzell Installation
			Instructions using new O-ring & safetied
			I certify that this <u>Propeller</u> has been inspected
			In accordance with a(n) <u>ANNUAL</u> and found to be in
			An airworthy condition this time and date.
			Time <u>5995.0 TTP</u> Date <u>10/25/2016</u>
			<u>KYLE GABEL A&amp;P28858671A</u>

12/13/2017			I certify that this <u>Propeller</u> has been inspected
6085.9 TTP/TACH			In accordance with a(n) <u>ANNUAL</u> and found to be in
1311.4 TTP			An airworthy condition this time and date.
			Time <u>6085.9 TTP</u> Date <u>12/13/2017</u>
			<u>KYLE GABEL A&amp;P28858671A</u>
1/17/2019			I certify that this <u>Propeller</u> has been inspected
6129.4 TACH/TTP			In accordance with a(n) <u>ANNUAL</u> and found to be in
1354.9 TTP			An airworthy condition this time and date.
			Time <u>6129.4 TTP</u> Date <u>1/17/2019</u>
			<u>KYLE GABEL A&amp;P28858671A</u>
3/3/20			SPINNER REMOVED AND PROPELLER INSPECTED AND
6189 TACH			LUBRICATED. NO VISUAL DEFECTS FOUND
			<u>Mark Patti - ACP 4279920</u>



Page 7



[illegible]