

N 15 NB

~~N28257~~

GRUMMAN



AMERICAN AVIATION
CORPORATION

P.O. BOX 2206, SAVANNAH, GEORGIA 31402

ENGINE LOG

ENG. SER.

ENGINE LOG

4-22-87

N 15 NB
NC N28257

DESCRIPTION

ENGINE MFG. Lycoming MOD. 0-360-A4K SER. L23567-36A

RPM

BPH

MANIFOLD PRESS.

NORMAL 2700 NORMAL 180 NORMAL _____

MAX. _____ MAX. _____ MAX. _____

OIL

FUEL

IGNITION

CAP. GALLONS 2.0 OCTANE MIN. 100/130 MAGNETO TIME _____

GRADE SUMMER SAE 40 OCTANE MAX. _____ MAG. POINT GAP _____

GRADE WINTER SAE 30 OCTANE REC'D _____ SPARK PLUG GAP _____

FIRING ORDER 1-3-2-4

GRUMMAN AMERICAN AVIATION
CORPORATION

ENG. SER.

NC

DATE 19 <u>78</u>	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
9-28			1.85	Production Flight Test	
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

ENG. SER.

MANDATORY SERVICE BULLETINS

NC

DATE 19 79	DIRECTIVE NUMBER	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
TACH	TIME	100 Adjusted idle speed & mixture	
		I certify that this AE Eng. has been inspected in accordance with a <u>100hr</u> inspection & has been found airworthy.	
		Sig. <u>Charles F. Totter</u>	
		Cert. # <u>AEP 2124293</u>	
		July 13, 1979, 1009hr inspection completed this date Total time on engine 209.0 I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in satisfactory condition <u>John A. Stapp</u> AEP 1491828	

ENG. SER.

AIRWORTHINESS DIRECTIVES

NC

DATE 19	DIRECTIVE NUMBER	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO OF MECHANIC OR REPAIR FACILITY
9/13/79	TT 300HRS	I RESET IDLE MIXTURE - SPARK & REPLACED ROCKER BOX GASKETS	
		I certify that this AC (Eng.) has been inspected in accordance with a 100HR inspection & has been found airworthy. Sig. <u>Robert B Brundage</u> Cert. # <u>IA 292541759</u>	
		I certify that this AC (Eng.) has been inspected in accordance with a 100HR inspection & has been found airworthy. Sig. <u>Robert B Brundage</u> A & P 292541759 IA	

ENGINE LOG

DATE

19

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME RATING AND CERTIFICATE NUMBER

1/03/80 TT 400HRS REPLACED MUFFLER WITH FACTORY NEW PART.
CHANGED OIL, CLEANED SCREENS, SERVICED W/ PHILLIPS X-C
CHECKED ALL AD'S THRU 79-23 FOR COMPLIANCE.

I certify that this AC/Eng has been
inspected in accordance with a 100 hr
inspection & has been found airworthy.

Sig. Robert B. Bland

Cert. # P-P 292541759 IA

19/JUN/80 Tach Time 500 hrs. Changed oil, cleaned screens, serviced
with Phillips 40W. Replaced left Magneto with
Slick 4051 R Ser. # 8060213 R

I certify that this AC/Eng has been
inspected in accordance with a 100 hr
inspection & has been found airworthy.

Sig. Garland J. Jansley

Cert. # A-P 272661642

ENG. SER.

NC

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
				Dec 11, 1980 annual inspection completed this date Total time on engine 585.6 Cleared and gaped plugs. Cleared fuel screens. Cleared air screen Charged oil.	
				Dec 11, 1980 Installed new Left Mag John Truman engine 585.6 Lyh A. Staffel 1A 1491828	DATE <u>12/11/80</u> T.T. IN SERVICE <u>585.6</u> AD'S CHECKED THRU: <u>50-29</u> I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>Lyh A. Staffel</u> NUMBER: <u>1A 1491828</u> FIREBIRD AVIATION GAUGA COUNTY AIRPORT. MIDDLEFIELD, OHIO 44062

FORWARD TOTALS TO
TOP OF NEXT LEFT PAGE

ENGINE LOG

DATE
19 81

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

1/3/81 Changed oil — did not replace oil filter

TT 611 hrs

William L. Sargent

AP 298422903

ENG. SER.

MANDATORY SERVICE BULLETINS

NC

DATE 1981	TOTAL TIME	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
5-9	618.7	Changed oil, cleaned screen, added 8QTS Phillips 20W50, tightened all rocker cover screws, cleaned plugs, Tightened exhaust clamps	William A. Riley AEP 280467533
8-24	810.0	Changed oil, added 8qts of Phillips Aviation oil 20W50 <u>DID NOT</u> clean oil screen.	Robert J. Chate AEP 271643699
9-9-81	6823	HOURS CHECK FOR COMPLIANCE WITH AD 81-16-05 (SLICK MAG)	
		NOT APPLICABLE BY SERIAL NUMBER. Photograph G. Hopkin	
			AEP 2216069

ENGINE LOG

DATE 19 <u>81</u>	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME RATING AND CERTIFICATE NUMBER
10/23	T.T. 714 CLEANED & GAPPED SPARK PLUGS. REMOVED L/H MAGNETO p/n 4251. REPLACE POINTS & CONDENSOR REINSTALL ON AT ENG. RUNUP PERFORMED - ALL SYS. FUNCTION NORMALLY Timothy A. Maunth 280480795 IA
11/11	T.T. 725 OIL CHANGE THIS DATE & TIME. SCREEN INSP - FOUND SATISFACTORY ADD 8qts PHILLIPS 20W-50 OIL RUN-UP PERFORMED - ALL SYS FUNC. NORMAL Timothy A. Maunth 280480795 IA

ENGINE LOG

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
 EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
 WITH NAME, RATING AND CERTIFICATE NUMBER

DATE
 1982

1/4 Annual insp c/w this date and time IAW
 T.T. Grumman service manual. Chg. oil + clean and
 740 insp screen. Compression ck. 7680 all cyl. Install
 Plus single probe EGT sys. Replaced valve cover
 gaskets. Run-up performed - all sys function
 normally. I certify that this eng. has been insp.
 IAW of annual insp and was determined to
 be in an airworthy condition

Timothy A. Maunth
 280480795 IA

4/9/82 CHANGE OIL + Check Screen
 TACH 829.4 T.T. 829.4
 PILOT OWNER Edward Welch

ENG. SER.

NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
19 <u>82</u>					
7/11/82	874.8		874.8	CHANGE OIL + REPLACE VALVE COVER GASKETS Pilot-Owner Edward Orluh	
9/22/82	889.3			Remove + Replace Spark PLUGS WITH Citronian, Reg 37 BY PILOT OWNER Edward Orluh	
11/9/82	897.6			CHANGE OIL + TIGHTEN VALVE COVER GASKETS PILOT OWNER Edward Orluh	
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

ENGINE LOG

DATE
1983

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

1/5

TACH	904	Annual insp. c/w this date & time IAW
ENG.		Drumman service manual. No oil chg.
SNEW	904	clean & insp screen. Comp. ck 76/80 all cyl.
PROP		R & R muffler, muffler o/H Aero Fabricators
SNEW	904	(yellow tag). Replaced air filter assy. Insp
		air box. Performed all routine maintenance
		Run-up performed - all ops function normally
		I certify that this eng. has been insp IAW
		an annual insp and was determined to
		be in an airworthy condition AD's to date
		Timothy A. Saurth
		280480795 DA

ENG. SER.

NC

DATE 1983	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
3/12	930.1		930.1	CHANGE OIL + TIGHTEN VALVE COVERS Pilots - OWNER	
				IN ACCOR. WITH AD. F.A.R.'S	
7/23	990.2			Change oil + tighten VALVE COVERS - N. Brady	
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

ENGINE LOG

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
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 WITH NAME, RATING AND CERTIFICATE NUMBER

DATE

19

2/3/84 TACH READING

COMPLIED ANNUAL INSPECTION,

1037.1

DRAINED OIL AND SERVICED WITH

ENGINE TOTAL TIME

PH.11.PS 20W50, JUSP + CLEANED OIL

1037.1

SCREEN, CLEANED GAPPED AND ROTATED

SPARKPLUGS

COMPRESSION #1 78/80 #2 78/80 #3 76/80 #4 74/80,

CLEANED ALL FUEL AND AIR FILTERS, WELDED CRACK IN

EXHAUST MUFF, REPLACED ALL ROCKER COVER GASKETS,

COMPLIED AD 81-24-03 ON AIR BOX PART II WUE AGAIN

(@) 1137.1 (SEE AIRFRAME LOG FOR AD SUMMARY), GROUND

RAN ENGINE OPS CHECK GOOD.

(SEE NEXT PAGE FOR SIGN OFF)

ENG. SER.

NC

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
				OIO STATE UNIVERSITY AIRPORT	
				I certify that this aircraft	
				and engine have been inspected	
				in accordance with a <u>ANNUAL</u>	
				inspection and were determined	
				to be in an airworthy condition.	
				Date <u>2/3/84</u> Work Order No. <u>8723</u>	
				All applicable AD checked and	
				complied with thru <u>83-26</u>	
				T.T. <u>1037.1</u>	
				Signature <u>[Signature]</u>	
				Repair Station No. 1038	
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

ENGINE LOG

DATE
1984

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

MAY. 12, 1984 1060.9

Installed Rebuilt exchange ALTERNATOR
Ran and checked system system Found OK!

Pop Hank Monahan
436048505

5-28-84 Chn oil 50 All Shell J. Brinkley TACH - 1067.53

8-3-84

TT 1095.08

Replaced Right Mag with New Unit

H. Jeffery A+C 1228964

MAKE SLICK SER. NO. 0070087
MODEL 4251 UNIT NAME MAG

The aircraft component identified above was repaired and the repair inspected in accordance with federal aviation regulations. (Only work detailed below is covered by this limited maintenance release.)

TEST. DISASSEMBLE - CLEAN - INSPECT.
INSTALL NEW COIL - BRNGS + CAP. NEW POINTS
TEST RUN. C/w SB7-83. NO AD'S APPLY
TO THIS SERIAL No.

INSPECTOR

Frank Pittenger

CAC
INSP
74

Ohio State University Cert. No. 1038
THE OHIO STATE UNIVERSITY AIRPORT
Columbus, Ohio 43210

ENG. SER.

NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
19 85					
3/12/85	TACH	READING		COMPLIED ANNUAL INSPECTION, DRAINED	
		1142.1		OIL AND SERVICED WITH 15 W50, CLEANED	
	ENGINE	TOTAL	TIME	OIL FILTER, CLEANED, GAPPED AND ROTATED	
		1142.1		SPARKPLUGS, COMPRESSION #1 79/80 #2 75/80	
				#3 79/80 #4 73/80, INSTALLED ALL NEW	
				EXHAUST GASKETS, INSTALLED NEW ROCKER	
				COVER GASKETS ON #1 + #2 CYL, GROUND	
				RAN ENGINE OPS CHECK GOOD. (FOR AD	
				LISTING SEE REAR OF AIRFRAME LOGBOOK)	
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

ENGINE LOG

DATE
19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

OHIO STATE UNIVERSITY AIRPORT

I certify that this aircraft
and engine have been inspected
in accordance with a FAA/FAA
inspection and were determined
to be in an airworthy condition.

Date 3/12/85 Work Order No. 9982

All applicable AD checked and
complied with thru 85-03

T.T. 1142.1
Signature [Signature]

Repair Station No. 1038

5-15-85 OIL CHG Aero Shell 50/100 N. Bucky 1166.22
5-30-85 MICROLINE TREATMENT ADDED 1171.10 N. Bucky
6-28-85 OIL CHG Aero Shell 50/100 1187.41 N. Bucky

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173 AND 91.175

NC

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
4-16-85				TECH HEADQUARTERS INSTALLED NEW AIRBORNE VACUUM PUMP W/ ALL CC S/R 10M-10686	
				CHECKED OK BY OPS CHECK GOOD.	
				"MAINTENANCE"	
				The aircraft and / or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service.	
				Pertinent details of the repair are on file at this agency under work order No. 10538	
				Signed Tech Head For Date 4-16-85	
				Chio State University Cert. No. 1038	
				THE OHIO STATE UNIVERSITY AIRPORT	
				Columbus, Ohio 43210	

FORWARD TOTALS TO
OP OF NEXT LEFT PAGE

74611 1231 25

811 2111

12/15/20

Columbus, Ohio 43210

Ohio State University Cert. No. 1038	THE OHIO STATE UNIVERSITY AIRPORT
--------------------------------------	-----------------------------------

Singel

Sea Hill

For

Work order No.

10538

Dr.

9-16-85

The aircraft and / or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service.	
Pertinent details of the repair are on file at this agency under	

"MARI ANCE"

Installed New Airborne Vacuum
Pump w/o all cc 3/10/04-10686
Ground for ops check good.

DATE 19--

ENGINE LOG

DATE

19 95

12/8/8

1-15-8

LIMITED MAINTENANCE RELEASE CLYDESDALE AIRCRAFT CORPORATION COLUMBUS, OHIO

F.A.A.
CERT. NO. 2723

CUSTOMER

O.S.U.

W.O. No.

54328

PART
NAME

ALTERNATOR TYPE Doff 10300J

QUAN.

1

S/N

5868

P/N Doff 10300J MFGR.

FORD

SIGNED

Handwritten signature

DATE

JAN 14 1988

Columbus, Ohio 43210

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

ENG. SER.

SERVICEABLE

LANE AVIATION CORPORATION

PORT COLUMBUS - COLUMBUS 19, OHIO

DATE
19__

TACH
TIME

PART NO.

SER. NO.

PART NAME EXHAUST MUFFLER ASSY

ACFT NO.

W. O. 10895

REMARKS:

REPAIRED BY WELDING IN PATCH

CUSTOMER

O.S.U.

DATE

3-19-86

INSPECTOR

[Signature]

F. A. A. Repair Station No. 1104

NEW GASKETS AND HARDWARE, REPLACED
ALL SPARK PLUGS, GROUND RAN ENGINE
OPS CHECK GOOD.

FORWARD TOTALS TO
TOP OF NEXT LEFT PAGE

ENGINE LOG

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

DATE

19

OHIO STATE UNIVERSITY AIRPORT

I certify that this aircraft
and engine have been inspected
in accordance with a ANNUAL
inspection and were determined
to be in an airworthy condition.

Date 3/21/86 Work Order No. 10783

All applicable AD checked and
complied with thru 86-02

T.T. 1263.5

Signature [Signature]

Repair Station No. 1038

LIMITED MAINTENANCE RELEASE
CLYDESDALE AIRCRAFT CORPORATION
COLUMBUS, OHIO

F.A.A.
CERT. NO. 2723

CUSTOMER

② S V

W.O. No.

55670

PART
NAME

ALTERNATOR

TYPE

FORD

QUAN.

1

S/N

5868

P/N

D044103005

MFGR.

FORD

SIGNED

[Signature]

DATE

JUL

7 1988

THE OHIO STATE UNIVERSITY AIRPORT

Columbus, Ohio 43210

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TOP OF NEXT LEFT PAGE

United Accessory

3121 NATIONAL CIRCLE
GARLAND, TEXAS 75041

202-186

FAA REPAIR STATION No. ~~202-30~~

P/N 10568C

S/N 1089

Desc. Oil Cooler Mfr. Harrison

Customer Ohio State University TSO 0 A/C#

☒ OVERHAUL
☐ REPAIRED

☐ NEW EQUIPMENT
☐ FUNCTIONAL TEST ☐ OTHER

WO# 2916

Date 10-22-86

Technician B. H.

Inspector [Signature]

MAINTENANCE RELEASE

The appliance identified below was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent data of the work order on file at this agency.

AUTHORIZED SIGNATURE

SIGNATURE

REPAIR STATION NO. 1038

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

SERVICEABLE

10/26014 1365.6 1550 ASH shell (next) 1390.6

ENG. SER.

NC

DATE		TACH.	THIS	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
19__		TIME	FLIGHT			
2/5/87		TACH LEADING			COMPLIED ANNUAL INSPECTION, DRAINED OIL AND SERVICED WITH AEROSHELL 15W50, INSTALLED NEW OIL FILTER, CLEANED SUCTION SCREEN, CLEANED, GAPPED AND RETATED SPARKPLUGS. COMPRESSION #1 68/80 #2 70/80 #3 72/80 #4 62/80, REPLACED ALL EXHAUST GASKETS, CLEANED AIR AND FUEL FILTERS, GROUND RAN ENGINE OPS CHECK GOOD.	
		1384.3				
ENGINE TOTAL TIME						
		1384.3				
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE						

ENGINE LOG

DATE
19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

OHIO STATE UNIVERSITY AIRPORT

I certify that this aircraft
and engine have been inspected
in accordance with a Approval
inspection and were determined
to be in an airworthy condition.

Date 2/5/87 Work Order No. 11841

All applicable AD checked and
complied with thru 86-26

T.T. 1384.3

Signature Scott A. [Signature]

Repair Station No. 1038

THE MAGNETO, DESCRIBED BELOW, HAS BEEN REBUILT AND INSPECTED
UNDER AUTHORITY OF MMF 3226 AND FOUND TO BE AIRWORTHY.

MODEL NO. 4250R

SERIAL NO. 7019066

DATE JAN 6 1987

SIGNED Arne M. Hareb

REPAIRMAN CERT. NO. 2332721



L-1062

SLICK AIRCRAFT PRODUCTS

Rockford, IL, U.S.A. 61108

NC

SIGNATURE AND
CERTIFICATE NO.

overhauled magneto
9066 and timed to
3741505 IA

7-29-87 1452.26

Dynamic

balanced propeller.

Paul Cantburn A4P81745957

8/1/87 oil Chn AeroShell 20/50 795 1452.20 TACH

FORWARD TOTALS TO
TOP OF NEXT LEFT PAGE

7/Brady

DA
98
3-
9

LIMITED MAINTENANCE RELEASE
CLYDESDALE AIRCRAFT CORPORATION
COLUMBUS, OHIO

F.A.A.
CERT. NO. 2723

CUSTOMER Capital electronic W.O. No. 58885

PART NAME Carburetor TYPE HA-6 QUAN. 1

SIN CH-10-2076 PIN 10-5092 MFGR. Watzel

SIGNED [Signature] DATE 9-1-87

[Signature]
Richard A. Sunderson

NC

ENG. SER.

ENG. SER.				SIGNATURE AND CERTIFICATE NO.	
DATE 19. 57	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	
9/24	1486	84	Installed	New Battery	V. Brady owner
9/24	1486	84	Chg. oil	AGCO Shell 15/50	V. Brady owner
10/20	1505.71		Chg. oil	New Shell 15/55	V. Brady owner

ENGINE LOG

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DATE
 1988

3-3 TACH 1523.20 CHANGED OIL & CRED. SCREEN, SERVICED
 WITH 8 QTS. AERO SHELL 15W50 MULTI GRADE OIL. PULLED, CLEANED
 GAPPS, & CRED. ALL SPARK PLUGS, MAG TIMING CRED. OK. ALL CONTROLS
 CRED. & LUBED, REPLACED OUTSIDE EXHAUST PORT STOP ON #1
 CYL. PERFORMED COMP. CR. AS FOLLOWS #1 7/80 #2 7/80 #3 75/80
 #4 74/80 FILED, Sanded, & PAINTED PROP. REPLACED ALT. BELT
 REPLACED MUFFLER ASSY. WITH REBUILT UNIT. INSTALLED MUFF-
 LER WITH ALL NEW HARDWARE. & NEW BLOW PROOF GASKETS.

I CERTIFY THAT THIS ENR... HAS BEEN INSPECTED IN ACCORDANCE RAN UP & LEAK CRED. OK.
 WITH ANNUAL... INSPECTION AND WAS DETERMINED TO BE IN A.D.'S CRED. THRU 88-02

AIRWORTHY CONDITION. DATE 3-3-88 TACH. READING 1523.20

A&P Richard L. Anderson TOTAL TIME 1523.20

IA 20970537A.

5-15-88 OIL CHG - 1550.88 AERO SHELL MULTI N. Bushy owner

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175

ENG. SER.

NC

DATE	TACH.	THIS	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
19 88	TIME	FLIGHT			

6/25	1576.97			oil clean 15/30 clean/slow 11/30 run	
8/1	1601.30			oil clean 15/30 clean shell 11/30 run	
9/1-88	1629.50			oil clean 15/30 clean shell 11/30 run	
11/1	1664.33			oil clean 15/30 " " 11/30 run	

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual

INSPECTION AND WAS DETERMINED TO BE IN

GOOD CONDITION. DATE

MAR 1ST 89

1674.11

CLEANED, COATED & ROTTED

TOYOTA JET ENGINE

SPARE PLUGS - NO AB. Timing

1674.11

CED. Good - Comp. #1 1/2 2 1/2

REBUILT ELECTROSYSTEMS STARTER S/L

9010465 - SEE MAINT REC. BACK OF LOG - WASTED END - 1/2

CONTROL - DEPAINED CARB Sump - CLEANED Fuel

FORWARD TOTALS TO
TOP OF NEXT LEFT PAGE

ENGINE LOG

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DATE
 1989

STRAINER SCREEN IN AUX PUMP & RESAFTIED BOTH -
 REPLACED ROCKER CRV. GASKETS ON #1 & #3 CYLS. - TIG WELDED
 #2 & #4 CRVS. - ENG. LEAK COPS. CKD. GOOD ON RUN-UP -
 A.D. CKD. THROUGH A ISSUE 89-02 - END

3/24/89	oil Chn Aero Shell 15/50	1692.40	N. Bushy owner	(next 1717.40)
7/29/89	oil Chn Aero Shell 15/50	1725.14	N. Bushy owner	-1750-

ENG. SER.

NC

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
8-8-89	TACH	TIME	1758	CHANGE OIL, SERVICED WITH 7QTS. AEROSHELL 100W. CLEANED THE OIL SCREEN. RAN ENGINE - NO LEAKS FOUND. - END -	
				Wayne J. Lampman ATP# 390503407	
1-4-90	TACH	TIME	1796	CHANGE OIL SERVICED WITH MOBIL AVI - R. Z. Starch owner	
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

ENGINE LOG

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DATE
940

-16 Tach 1801:22 Removed alternator and repaired same. Re-installed alternator and did a functional test IAW the applicable Grumman maint. manual. Replaced alternator belt. Replaced #1 & #3 R.B.C. gaskets
Thomas A. Roman A+ P 1374808 I.A.

12-12-90 Tach reads 1819:35 Compression check
1 2 3 4
76 73 74 77/80 0.1 Not drained
At this time, owners request. Tightened intake elbows + rubber coupling tubes at intake system. Replaced #4 cyl. exhaust gasket. Replaced all spark plugs
SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.173, AND 91.175
cont. —

ENG. SER.

NC

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
with RFM37B9 plugs (champion). Checked timing. Dressed propeller. Tightened screws at Rocker Box cover gaskets. Run up o.k. "I certify that this power plant has been inspected in accordance with an ANNUAL inspection & was determined to be in an airworthy condition. Insp. was performed using the "MFGS." Inspection guide & Appendix "D" of FIMR, 43. Thomas A. Romano AIP 1374808 JAP					
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

SERVICEABLE



pacific oil cooler service A DIVISION OF JOHNSTON, INC.

PART Oil Cooler SERIAL No. 1168

PART No. 10568C MFR. Stewart Warner

CUSTOMER _____ W. O. No. C-11259

WORK PERFORMED Weld leak in Cooler &

Overhauled I.A.W. MFR. Spec.

INSP.

[Signature]

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