

VOLUME NO.

SECTION III

ENGINE

LOG

PRICE \$1.00

ENGINE LOG

1. Make LYCOMING
2. Model O-320-E20
3. Specification _____
4. Mfg. Serial No. L21812-27A
5. Reduction Gear Ratio —
6. Date of Manufacture 1968

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			893	6	FROM U.S. LOGS & A/C TAG
July 24/26			893	6	
Sept 5/26	7	3	902	9	30 Day Insp. C/W In A/W N.A.S. Ltd. Insp. Schedule
Dec 26/26	5	3	908	3	30 Day Insp. C/W In A/W N.A.S. Ltd. Insp. Schedule
March 8/27	2	7	911	0	30 Day Insp. C/W In A/W N.A.S. Ltd. Insp. Schedule
April 8/27		8	911	8	30 Day Insp. C/W In A/W N.A.S. Ltd. Insp. Schedule
July 15/27			911	8	I certify that I have inspected this Aircraft in compliance with the E.C.I. procedure prescribed in the E&I manual and it is airworthy. John Rogers JRM/TM
TOTAL THIS PAGE					CARRIED FORWARD
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

FOR ITRAN PROCEDURE

I HEREBY CERTIFY I HAVE INSPECTED THE
AIRCRAFT DESCRIBED HEREIN IN A/W NAS
INSPECT'N SCHED. AND IT IS AIRWORTHY.

100 HR. Inspection Completed
N.A.S. Ltd. Maintenance Manual and

N.A.S. Work Order No. 1315, 1333

Dated JULY 24/70

CERTIFIED

I HEREBY CERTIFY I HAVE INSPECTED THE
AIRCRAFT DESCRIBED HEREIN IN A/W NAS
INSPECT'N SCHED. AND IT IS AIRWORTHY.

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AIRCRAFT DESCRIBED HEREIN IN A/W NAS
INSPECT'N SCHED. AND IT IS AIRWORTHY.

NEW PLUGS INSTALLED (ALSO BR'S)

LOMA CHECKED

PLUGS RETURNED

NOTE! EXCESSIVE WATER FOUND IN FUEL SYSTEM

ALL LINES & TANKS DRAINED

100 HR. Inspection Completed with
N.A.S. Ltd. Maintenance Manual and

N.A.S. Work Order No. 1405

Dated

CERTIFIED

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL <i>New</i>		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →			911	8	
Aug 17/77	3	3	915	1	30 Day Insp. C/W In A/W N.A.S. Ltd. Insp. Schedule
Sept 9 77	7	2	922	3	Muffler & Carb heat repaired.
May 1 78	10 8		1004	1	New Muffler Inst. Oil changed
June 23 78	25	7	1029	8	Insp for CC1
Nov 9 78	75	4			Oil changed W65 all ceramic air tips
July 21 79	68	1			Ce1
July 18 80	20	9			I certify that all op. table requirements stated in the Engineering and Inspection Manual have been met and the Aircraft is determined to be airworthy.
20 NOV 1980	8	8			Oil changed Aeroshell W80
					Oil changed TO RED RAIN XC 20/50 WINTERIZING
TOTAL THIS PAGE	2909				
TOTAL FROM PREVIOUS SUMMARY	011				CARRIED FORWARD

MAINTENANCE RECORD

2

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

I HEREBY CERTIFY I HAVE INSPECTED THE
AIRCRAFT DESCRIBED HEREIN IN A/W HAS
INSPECT'N SCHED. AND IT IS AIRWORTHY.

100 Hr. inspection complied with I/A/W

C-177 maintenance manual and

Brant Aero W.O. # 2655

Dated Sept 2 77

CERTIFIED AIRWORTHY

James T. Field 1/24/74

James T. Field 1/24/77

100 Hr. inspection complied with I/A/W

C-177 maintenance manual and

Brant Aero W.O. # 2821

Dated Apr 26 78

CERTIFIED AIRWORTHY

James T. Field 1/24/78

I certify that the condition and conformity
inspection has been completed and the engine
craft was determined to be airworthy.

James T. Field 1/24/78

100 Hr. inspection complied with I/A/W

Cessna 177 maintenance manual and

Brant Aero W.O. # 8003

Dated Nov 6 75

CERTIFIED AIRWORTHY

James T. Field 1/24/77

replaced.

I certify that the condition and conformity
inspection has been completed and the engine
craft was determined to be airworthy.

James T. Field 1/24/77

100 Hr. inspection complied with I/A/W

C-177 maintenance manual and

Brant Aero W.O. # 1025

Dated July 17 1980

CERTIFIED AIRWORTHY

James T. Field 1/24/77

MT INSTALLED - New Air filter installed *James T. Field* 1/24/76

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	→		1202	.5	
July 24 82	6	5	—	—	CCI procedure.
Nov 25 82	26	2	—	—	oil changed Red Ram XC20W50 Screen checked
July 21 83	5	3	—	—	Screen checked - plugs cleaned.
5-07-84	15	7	1356	.2	inspection for C.C.T. new alternator installed.
Nov 7 84	4	7	1260	9	oil changed screen cleaned - Phillips 16 1/2 20W50
14-07-85	7	.5	1268	.4	inspection for C.C.T.
2-09-85	18	.0	1286	.4	
1-07-86	24	.9	1311	.3	inspection for CCI installed new Slick mag 7351R
6-07-86			1311	.3	Changed oil Phillips 20W50 cleaned screen
Mar. 8/87	38	4	1349	7	Changed oil Phillips 20W50
TOTAL THIS PAGE					CARRIED FORWARD
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

I certify that all applicable requirements stated in the Engineering and Inspection Manual have been met and the Aircraft is determined to be airworthy.

James T. Field 12/1

I HEREBY CERTIFY THAT THE NEAREST EQUIVALENT TO A 50 H.R. INSPECTION HAS BEEN COMPLETED IN A.W. 5-171... MAINTENANCE MANUAL AND BRANT AERO W.O. 1-2202, & THE AC DESCRIBED HEREIN IS AIRWORTHY.

I certify that all applicable requirements stated in the Engineering and Inspection Manual have been met and the Aircraft is determined to be airworthy.

James T. Field 12/1

I certify that all applicable requirements stated in the Engineering and Inspection Manual have been met and the Aircraft is determined to be airworthy.

Imp. for CC1

James T. Field 12/1

installed, new crankshaft seal

I certify that all applicable airworthiness requirements stated in the Engineering and Inspection Manual have been met in respect of the work done and the Aircraft is released for return to service.

Signature Lic. No. 12M1156 Date 25-07-84

12M1

imp. for CC1

I certify that all applicable requirements stated in the Engineering and Inspection Manual have been met and the aircraft is determined to be airworthy.

Signature Lic. No. 12M1156 Date 8-09-85

12M1

I hereby certify that I completed the nearest equivalent to a 100hr. periodic inspection of the aircraft described herein and it is airworthy.

I certify that all applicable airworthiness requirements stated in the Engineering and Inspection Manual have been met in respect of the work done and the aircraft is released for return to service.

Signature Lic. No. 12M1156 Date 6-07-84

12M1

imp. for CC1

12M1 3933

Cleaned Screen

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
1987					
BROUGHT FORWARD	→		1349	7	
18-07-87	18	3	1368	0	inspection for CCI
2-07-88	14	1	1383	1	oil changed screens checked & cleaned shell 80W, Flex hoses replaced Seat tubing replaced, Right Magneto replaced with new Slick 4250 7/16 806302
					oil changed screens cleaned
8-07-89	18	8	1400	9	shell 80W
					Comp check #1 68 #2 70 #3 74 #4 68
2-02-90	14	1	1415	0	
2-02-91	18	2	1419 1425	7	Comp check #1 71 #2 73 #3 74 #4 70 new air filter installed
7-07-92	4	5	1423 1437	5	100 hr inspection carried out
June 16/93			1465	8	changed oil & Clean
Sept 5/93	28	3	1465	8	100 hr inspection carried out oil changed 20/50 Type M Phillips
TOTAL THIS PAGE					CARRIED FORWARD
TOTAL FROM PREVIOUS SUMMARY					
TOTAL					

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

M. M. [Signature]

Y2X
293957

I hereby certify I have completed the nearest
equivalent to a 100 hr. periodic inspection of
the aircraft described herein and it is airworthy.

I certify that all applicable requirements stated in
the Engineering and Inspection Manual have been
met and the aircraft is determined to be airworthy.

[Signature] Lic. No. Y2M1156 Date 3-07-87

I hereby certify I have completed the nearest
equivalent to a 100 hr. periodic inspection of
the aircraft described herein and it is airworthy.

I certify that all applicable requirements stated in
the Engineering and Inspection Manual have been
met and the aircraft is determined to be airworthy.

[Signature] Lic. No. Y2M1156 Date 8-07-87

I hereby certify I have completed the nearest
equivalent to a 100 hr. periodic inspection of
the aircraft described herein and it is airworthy.

The above maintenance has been performed
in accordance with the applicable
standards of airworthiness

[Signature]

Y2M1156

The above maintenance has been performed
in accordance with the applicable
standards of airworthiness

[Signature]

Y2M1156

The above maintenance has been performed
in accordance with the applicable
standards of airworthiness

[Signature]

Y2M1156

Screen Aeroshell W120

[Signature]

Y2M1156

Comp check #140 #260 #350 #460
also performed sent to Regener Aviation
sent +.010 installed new
injection wings +.010 new gasator

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

Cyls
TOP OVERHAULLED
1465.8 HRS

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	

LIGHT
WARD

5/93 1465.8

ENGINE Ground Runs Completed To Prevent
Corrosion on Following DATES:

Dec 29/1993	Mitch R. Mitchell	Y2P 293957
MAY 24/1994	Mitch R. Mitchell	Y2P 293957
Nov 7/1994	Mitch R. Mitchell	Y2P 293957
APRIL 5 1995	Mitch R. Mitchell	Y2P 293957

95

1473

THIS ENGINE TO BE MAINTAINED
ON CONDITION

- A- CYLINDER COMPRESSION TEST.
- B- GENERAL INSPECTION. COMPLETED
- C- BORESCOPE OF CYLINDERS
- D- OIL SCREEN CHECKED OK
- E- ENGINE RUN COMPLETED
- G- ENGINE OIL CONSUMPTION
- SPARK PLUGS CLEANED + GAPPED - ALL
- NEW PHILLIPS 20W50 MINERAL

MAINTENANCE RECORD

HRS _____ DATE _____
 DATE _____
 SIGNATURE _____

REPAIRS, ADJUSTMENTS, MODIFICATIONS
 ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

and hoses.
 Access pump replaced

The above maintenance has been performed in accordance with the applicable standards of airworthiness

J. Bolger
 M048922

PERFORMED IN ACCORDANCE WITH CHAPTER 571.103/1
 MAINTENANCE.

1	2	3	4
7/6/80	7/7/80	7/8/80	7/9/80
COMPLETED	NO	CORROSION	OR FAULTS FOUND

REFERENCE RPM ESTABLISHED TO BE 2350 RPM
 TO BE RECORDED IN JOURNAL LOG.

NEW FLEXIBLE HOSE REPLACED WITH NEW.
 OIL ADDED

THE MAINTENANCE DESCRIBED ABOVE HAS BEEN
 PERFORMED IN ACCORDANCE WITH THE APPLICABLE
 STANDARDS OF AIRWORTHINESS.

[Signature] M150

