

ENGINE LOG



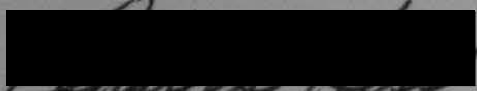
LYCOMING

New Reciprocating Engine Certificate

This is to certify that the engine as described hereinafter has been manufactured and ground operation tested as prescribed by Lycoming specification and Federal Aviation Regulations. All applicable Federal Aviation Airworthiness Directives applicable Lycoming Service Publications have been complied with at time of manufacture. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Part Number: ENPL-RT10477
Serial Number L-20559-39E
Engine Model O-320-D3G
Work Order AR568832
Total Time 0 New

Form 777C Rev 05/13


Authorized Representative

6/24/13
Date

Production Certificate #3

652 Oliver Street Williamsport, PA 17701 U.S.A
Lycoming Engines is a division of Avco Corporation

LYCOMING

652 Oliver Street

Williamsport, PA 17701 U.S.A.

Airworthiness Directive Compliance List

Page 1 of 1

Sign for AD's Coded 1 (Applicable to Engine Model) (3)

Engine Model No: **O-320-D3G**Engine SN: **L-20559-39E****Jun 24, 2013**

AD No. / Rev	SB / rev	Description /	Method of Compliance	Next Due	Code
55-02-02	176 / Inacti	IMPROPER ACCY ADAPTER GASKET	PROPER GASKET INSTALLED	N/A-Once	1
59-10-07	254 / A-Ina	CYLINDER BAFFLE CLAMPS	BAFFLE HOOKS INSTALLED	N/A-Once	1
63-23-02	293 / B	INSP EXHAUST VALVES, INSTALL NEW CAMSHAFTS	INSTALLED NEW PARTS	N/A-Once	1
64-16-05	298 / Inacti	AC FUEL PUMP OIL SEAL	NEW CONF. FUEL PUMP INSTALLED	N/A-Once	1
66-20-04	307	OIL FILTER ADAPTER GASKET	NEW CONF. GASKET INSTALLED	N/A-Once	1
87-10-06 / R1	477 / A	INSPECTION AND REWORK OF LW-18790 ROCKER ARM ASSY	NEW CONFIGURATION P/N INST.	N/A-Once	1
92-12-05	501 / B	LW-14077 PISTON PIN	NEW PARTS INSTALLED	N/A-Once	1
93-19-04	504	CARBURETOR O/H BY CONSOLIDATED	NEW CARB. / PRECISION FLOAT	N/A-Once	1
94-06-09	517	INCOMPLETE INTERNAL GROUNDING ON MAG CAPACITORS	NEW CONF. CAPACITORS INSTALLED	N/A-Once	1
96-09-10	524	REPLACEMENT OF OIL PUMP IMPELLERS	STEEL IMPELLERS INSTALLED	N/A-Once	1
97-15-11	527 / C	RECALL OF PISTON PIN P/N LW-14077	NEW CONFIGURATION P/N INST.	N/A-Once	1
98-01-06	498 / B	ONE PIECE VENTURI	NEW CONFIGURATION CARBURETOR	N/A-Once	1
98-02-08	530 / B	INSPECTION OF CRANKSHAFT ID FOR CORROSION	MAG INSP./APPLY URETHABOND 104	N/A-Once	1
2004-10-14	475 / C	CRANKSHAFT GEAR MODIFICATION AND ASSY PROCEDURES	NEW P/N INSTALLED	N/A-Once	1
73-23-01	367 / F	INSP FOR CRACKS IN PISTON PINS	INST NEW PARTS	N/A-Once	2
77-07-07	407 / A	OIL LEVEL GAGE ASSEMBLIES	INSTALLED PERFORATED SLEEVE	N/A-Once	2
77-20-07	424	HYDRAULIC TAPPET REPLACEMENT	NEW P/N INSTALLED	N/A-Once	2
78-12-08	423	OIL PUMP INSPECTION AND IMPELLER REPLACEMENT	NEW P/N INSTALLED	N/A-Once	2
78-12-09	422 / A	CRANKSHAFT ASSEMBLY REPLACEMENT	NEW P/N INSTALLED	N/A-Once	2
78-23-10	428	BENDIX FUEL INJ. BULLETIN RS-42	NEW P/N INSTALLED	N/A-Once	2
79-04-05	433 / A	BENDIX FUEL INJ. BULLETIN RS-57	NEW P/N INSTALLED	N/A-Once	2
79-10-03 / R2	1380	ENGINE MOUNT TORQUE	FIELD COMPLIANCE	N/A-Once	2
80-04-03 / R2	446 / D	OIL ADDITIVE	DRY SUMP DELIVERED	WHEN OIL INST.	2
80-04-03 / R2	435	REPLACEMENT OF UPPER EXH. SPRING SEAT & HYD LIFTER	NEW P/N'S INSTALLED	N/A-Once	2
80-14-07	447 / B	INSPECTION OF UPPER EXH. VALVE SPRING SEATS	PART W/CURVED P/N INSTALLED	N/A-Once	2
90-04-06 / R1	488 / A	PROPELLER GOVERNOR LINE SUPPORT	NEW LINE W/STEEL CON. NUTS INS	N/A-Once	2
95-26-02	398	ENGINES OPERATED WITH LOW OCTANE FUEL	ENGINE IS NEW OR HAS BEEN REBUILT AT MANUFACTURER	N/A-Once	2
2002-12-07	543 / B	OIL FILTER CONVERTER PLATE GASKET REPLACEMENT	NEW P/N CONVERTER PLATE INSTALLED	N/A-Once	2

OWNER

NAME	ADDRESS	Installed in Aircraft No.	Date
1		N706GS	
2			
3			
4			
5			
6			

SEP 12 2013

If this book is found, please return it to the owner.

ENGINE DESCRIPTION

Manufacturer: LYCOMING, WILLIAMSPORT, PA Serial No. L-20559-39E

Horsepower: 160

Model: 0-320-D3G FAA T. C. No. E274

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

PRIOR

Aviation Service Inc.



Registration Number
N706GS
Engine 0-320-D3G

Serial Number
2842391
S/N L-20559-39E

Total Time
Tach 27.2 hrs
Engine TSN 27.2 hrs

Date
10/10/2013

1. 25 hr oil change due. C/A C/W 25 hr oil change, installed 8 qts of Phillips XC 20W 50 and new CH48110-1 filter.

The aircraft and/or component identified above was repaired and inspected in accordance with current F.A.A. regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this repair agency under Work Order # 023265 Dated 10/10/2013

Signed _____
For Prior Aviation Service Inc. Certificate No. BIOR473C
50 N. Airport Drive. Buffalo NY

Total To
Carry Forward

and Remarks

Signature

Certificate No.

PRIOR

Aviation Service Inc.



Registration Number
N706GS
Engine 0-320-D3G

Serial Number
2842391
S/N L-20559-39E

Total Time
Tach 88.9 hrs
Engine TSN 88.9 hrs

Date
4/18/2014

1. 100 hr/ Annual inspection due. C/A C/W 100 hr / Annual inspection.

2. Hot cylinder compression check due. C/A C/W Hot compression check # 1 75/80, # 2 78/80, # 3 76/80 and # 4 74/80.

3. Oil change due. C/A Inspected oil filter, installed new CH48110-1 filter and 8 qts of Phillips XC 20W-50. The aircraft and/or component identified above was repaired and inspected in accordance with current F.A.A. regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this repair agency under Work Order # 023591 Dated 4/18/2014

Signed _____
For Prior Aviation Service Inc. Certificate No. BIOR473C
50 N. Airport Drive. Buffalo NY

NEW P/N INSTALLED

N/A Once

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			

PRIOR

Aviation Service Inc.



BUFFALO BRADIANA INTERNATIONAL AIRPORT
50 NORTH AIRPORT DRIVE
BUFFALO, NEW YORK 14222-1402

Registration Number	Serial Number	Total Time	Date
N706GS	2842391	Tach 159.6 hrs	7/16/2014
Engine 0-320-D3G	S/N L-20559-39E	Engine TSO/TSN 159.6 hrs	

1. Oil change due. C/A Inspected oil filter, installed new CH48110-1 filter and 8 qts of Phillips XC 20W-50. The aircraft and/or component identified above was repaired and inspected in accordance with current F.A.A. regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this repair agency under Work Order # 023729 Dated 7/16/2014

Signed [Signature]
For Prior Aviation Service Inc. Certificate No. BIOR473C
50 N. Airport Drive. Buffalo NY

Total To			
Carry Forward			

and Remarks

Signature

Certificate No.

PRIOR

Aviation Service Inc.



BUFFALO BRADIANA INTERNATIONAL AIRPORT
50 NORTH AIRPORT DRIVE
BUFFALO, NEW YORK 14222-1402

Registration Number	Serial Number	Total Time	Date
N706GS	2842391	Tach 187.2 hrs	8/13/2014
Engine 0-320-D3G	S/N L-20559-39E	Engine TSN 187.2 hrs	

1. 100 hr/ Annual inspection due. C/A C/W 100 hr / Annual inspection.
2. Hot cylinder compression check due. C/A C/W Hot compression check # 1 78/80, # 2 77/80, # 3 77/80 and # 4 78/80.
3. Oil change due. C/A Inspected oil filter, installed new CH48110-1 filter and 8 qts of Phillips XC 20W-50. The aircraft and/or component identified above was repaired and inspected in accordance with current F.A.A. regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this repair agency under Work Order # 023743 Dated 8/13/2014

Signed [Signature]
For Prior Aviation Service Inc. Certificate No. BIOR473C
50 N. Airport Drive. Buffalo NY

NEW PIN INSTALLED

N/A Once