

ENG. SER.

ENGINE LOG

NC 126975

DESCRIPTION

ENGINE MFG.

Lycoming

MOD

0330 EOL SER. L-43064 27A

RPM

NORMAL

2700

NORMAL

150

NORMAL

MANIFOLD PRESS.

MAX.

MAX.

MAX.

OIL

CAP. GALLONS

2.0

OCTANE MIN.

80/87

MAGNETO TIME

GRADE SUMMER

54E 40

OCTANE MAX.

MAG. POINT GAP

GRADE WINTER

54E 30

OCTANE REC'D

SPARK PLUG GAP

FIRING ORDER

1-3-2-4

GRUMMAN AMERICAN AVIATION  
CORPORATION

# ENGINE LOG

DATE	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
10/20/06	EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
NOV 28	ENGINE REMOVED AND DISASSEMBLED FOR OVERHAUL. CRANKCASE
TRAIL 40912	REWORKED/ON BY DISCO, INC. A.S. 0828762K WOOD W.D.
	W.D. #92018 O.V. CRANKSHEET. O/H BY DISCO REMAINS, INC.
	R.S. BE28713K W.D. #42017. O/H RODS AND PISTON RINGS.
	INSTALLED NEW BELT DRIVE AND LIFTER KIT. MANUFACTURED BY
	STEEL PARTS. INSTALLED NEW OIL PUMP KIT. CRANK G.A.M. NEW OIL
	MAIN BEARINGS AND STD. ROD BEARINGS INSTALLED. NEW CRANK EGGS
	ON 0619646 AND PIST INSTALLED. MANGRO KIT (SLICK) POKY516-40
	INSTALLED. NEW <sup>OH</sup> CRANK PUMP BY 41271 S.N. 0019508 INSTALLED.
	MILLENBURY CYLINDERS. ON SL 220000-420P WITH NEW PISTON PINS.
	INSTALLED NEW PARTS AND HARDWARE PER MANUFACTURER'S
	IN LYCOVING O/H MANUAL PAGE 2-5. CRANKCASE G.A.M. 28-13579
	FROM QUALITY ASSISTANT. OIL INSTALLED. ENGINE PRE-OLIED WITH

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

cont. →

[illegible]

09/17  
7/24  
407.0  
77504  
"D"

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 18907	
4. Organization Name and Address: Mike's A/C Fuel Metering Service, Inc. (HK2875K) 2401 E. 40th St., North Tulsa, OK 74117		5. Main Order/Invoice Number: 18907			
6. Item	7. Description	8. Part Number	9. Eligibility	10. Qty	11. Serial/Batch Number
1	M44SPA	10-5135	(VARIOUS)	1	QK-8-15705 O/H
13. Remarks:					
See Attached Work Order Summary for details. ( ) pages					
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13			15. 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the item(s) is (are) approved for return to service.		
16. Authorized Signature:			17. Approval/Authorization No.:		
17. Name (Typed or Printed):			18. Date (month/year):		
22. Name (Typed or Printed): Roadisyl. G. Webb			20. Authorized Signature:		
23. Date (month/year): 12-22-06			21. Approval/Certificate No.: HK2875K		

FAA Form 8130-3 (9-03)

Facilities must cross check eligibility with applicable technical data.

Applicable Cushman aircraft service and parts manuals, engine approval for return to service weight check. [Signature] A&L [Signature]

Inc. for SPA W/O

## MANDATORY SERVICE BULLETINS

NC

TULLAHOMA AVIATION INC. (931)455-3884

807 William Northern Blvd.

Tulahoma, TN 37388

Date: 01/11/07 N26975 TACH: 409.2 TTE: 1495.74 TTSMOH: "0"

Installed Lycoming, O320-E2G, SN L-48764-27A, engine after overhaul by Thomas R. Blazier, A&amp;P

Engine installed with new engine mounts. Replaced all fuel and oil hoses firewall forward.

Installed overhauled Stewart Warner oil cooler, P/N 10578B, S/N 1664. See FAA 8130-3 Drake Air Inc.

W/O 435819. Installed newly repaired muffler, P/N 099001-195, 2 ea. risers P/N 099001-194, 2 ea.

risers P/N 099001-102 and 4 ea. exhaust clamps P/N 099005-100, supplied by Dawley Aviation, Inc.,

W/O 91970. Installed overhauled alternator, P/N DOFF103001, S/N G024014 with all new hardware

except bracket supports. See FAA 8130-3 from Kelly Aerospace Power Systems, W/O M134240. New

alternator belt installed. Replaced all air ducting firewall forward. Replaced forward spinner bulkhead,

P/N 5506010-501, (New) and doubler P/N 5506011-1 (Serviceable) on propeller. Engine ground ran for

approximately 20 minutes and leak checked. Attempted idle speed and mixture control adjustment

without success. Removed carburetor S/N BL-20-13599, and installed overhauled carburetor, MA4-SPA,

P/N 10-5135, S/N CK-8-15105, see attached FAA 8130-3, Mike's A/C Fuel Metering Service, Inc., W/O

#18907. Engine ground ran, leak checked and idle speed and mixture control adjusted. Engine

instrument indications found to be within normal operating range IAW Grumman Aircraft Operating

Manual and Lycoming Direct Drive Engine Overhaul Manual. Engine installation completed IAW

applicable Grumman aircraft service and parts manuals. Engine approved for return to service for flight

check. William A. Sipe

A&amp;P





# ENGINE LOG

DA 19

3/7/2007

Tach 414.7

TSMO 5.5

ENGINE

AD 2805-26-10 + AD 2806-12-07 *WAC*

At this time performed ANNUAL INSPECTION. Compression is as follows:

Cylinder 1 74

Cylinder 2 75

Cylinder 3 74

Cylinder 4 74

Check ignition timing and leads. Cleaned, gapped and rotated spark plugs.

Cleaned engine and turned up for leaks. OK. For recurring AD's see aircraft logbook.

Researched AD's thru 2007-04 I CERTIFY THIS ENGINE HAS BEEN INSPECTED

IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE

IN AIRWORTHY CONDITION AT THIS TIME.

NAME

Willis Clay Derryberry

A&P