

The Anited States of America Department of Transportation Appartment of Transportation

Malinin Manual Millings |

BILBILI

Manufaction Lycoming Engines

Medel. 10-360-M

L-31680-51A

New B. Manh. B.

Wed Sinonaft |

DMIR810325NE

District Office or Design

ET-6001 (REV. 11/99)

released: Inspector

15-360-MA 15-10 15-10 1-31680-51A

1. Make

## ENGINE LOG

180-360-171A

Specification

2. Model


1E10

4. Manufacturer's Serial Number


L-3/680-51A


5. Date of Manufacture

6. Aircraft Inspection Cycle



DATE	TIME RUN	T114= 0111	CF.	VERECO.		NUM
DATE	TIME RUN TIME			MAINTENANCE TO TIME COLUMN	SIGNATURE	NUMBER
	HRS. MIN.		INSTALLATIONS, INSPECTIONS, AIN.  NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FO	MA		
BROUGHT			1 DE WARTED TO	MAIN		
FEB 26	40000	169,1	REMOVED ON ENDINE	TRIES. OR ACROS HELL 13- WITH	1005	57367
			CH98/10-1 E1422 CAF	Wife STEERS NOTED TIME	1200	3-3697
L/1 -1	2005	1151	MENE CON	WE NO LEAKS NOTED FO	52/25/h=	0/
KAD AA	(VVV)	101	10-023	SEERS NOTED		
N384DM Engine L Performed an Annu	ual Inspection IAW Di	amond DA-40	AMM Maintenance	No Derec	N384DM	
and took oil sample	e. Removed filter, cut	open, inspected	pendix "D". Drained oil  I for metal contamination,  with 8 qts Exxon Elite	AERO RESTORATIONS, INC.  AERO RESTORATIONS, INC.  Addison, Texas 75001	Diamond DA40 SN: 40.443	
20W/50 oil. C/W S Lycoming MSB 54	SAIB NE-01-22 and 548A Diaphragm type f	uel pump, Pump	not affected. C/W AD	Addison Airport, Addison, Engine Log Entry	ETSN: 209.9	
2002-26-01, Fuel in	injector lines inspection, 3-78, and 4-77. Cleans	n, no defect note	ed. Performed compression	August 9, 2006 Hour Meter: 240.1 Tach Time: 209.9	stalled new CH48110-1	
This engine is app Date: 02/18/06	proved for return to ser Tach: 163.5	vice with regard	to the work performed.	August 9, 2006  Hour Meter: 240.1  Drained oil. Removed oil filter, cut and inspected. No metal found. Institute, torqued and saftied. Serviced engine with 8qts Exxon Elite 20W 5 filter, torqued and saftied. Serviced engine with 8qts Exxon Elite 20W 5	o oil. C/W oil analysis.	
- THE 263.5		chary P. Ortiz	A/P, IA 2729649	Re-timed magnetos to engine IAVV to manufactures specs	Ground ran engine,	
				magneto operational and leak check good.	AIRED IN ACCORDANCE WITH	
				THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS AFFICENT ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDI	DICHILL ON TO SELLE	
				#XR0R795Y, ADDISON, TEXAS 75001.		
				AERO RESTORATIONS, INC.	NIO O O O O O O O O O O O O O O O O O O	
				Addison Airport, Addison, Texas 75001	N384DM Diamond DA40	
				November 1, 2006 Hour Meter: 279.9 Total Time: 244.5 ETSN: 244  Performed complete State S	SN: 40.443	
				i citolilleli compane :		
				Performed compression check as follows: #78, #2 77, #3 78, #4 78 / 80, torqued and saftied a new filter pn CH48110-1. Serviced with 8 qts Exx. Ground run, ops and lead to the saftied and saftied	Cleaned, gapped and	
				Ground run, ops and leak check good Injector lines, no defects for	on Elite 20w50 oil CVA	
	1			THE CLIES ENGINE HAS DES	THE TOU MES	
	1			ICERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409 AND/OR REFORM THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED AND/OR REFORM THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #XR0R795Y, ADDISON, TEXAS 75001.	PAIRED IN ACCORDANGE	
		1		ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION AND IS APPROVED  #XR0R795Y, ADDISON, TEXAS 75001.  FOR A	#06-2586 ON FILE AT THIS	
	TAL THIS PAGE	1			ERO RESTORATIONS, INC. CRS	
PR	TOTAL SING	1	CARRIED FORWARD			
		1		MAXIMUM HOURS BETWEEN OVER		
				HOURS		





			TIME SINCE OVERHAUL NOTE NOTE NOTE			
	DATE		TIME SINCE OVERHAUL		SERI	VICE .
	BROUGHT	HRS. MIN.	HRS. MIN.	NOTE: USE BOTH	INSTALLATIONS.	INSPECTIONS, LINES AS REQUIRED FOR COMP
	Date	TACTO			AS MANY	INES AS REQUIRE
-	12/4/2018	TACH/HOBBS 667.4	ESMOH	ETT		TO FOR COMP
-	Eng Entry			667.4		
	Performed ann gapped all spar	ual inspection on this e	naine in			

Performed compression check as follows: 1-75/80, 2-74/80, 3-74/80, 4-73/80. Replaced starter with new Hartzell starter PN 149-24LS SN H-S080350. Removed 4 each Lycoming fuel nozzles PN LW18265 and installed GAMIjector kit PN GL10-4 SN 27809 per STC SE09445SC PMA No. PO821SW per GAMIjectors Installation Procedure No. IP-98-001 (Rev B) dated 13 March 1998, no change in weight or balance, see Form 337. Checked and serviced all fluid levels, lubricated controls and washed aircraft. Checked applicable AD's for compliance to date. Performed all work

in reference to Lycoming service manual and standard practice as listed in FAR part 43 to return this engine to service in airworthy condition. Refer to WO#G03966 on file at Dillon's Aviation, Inc. C/W AD 2015-19-07 Fuel injection system by inspection per par (e)(1)(ii) and Lycoming MSB342G,

Ernest D. Rawls For Dillon's Aviation, Inc. AP238764345IA

## Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899 Fax (904) 824-6334 Lycoming IO-360-M1A S/N:L-31680-51A

4-5-19 Hobbs: 5759.8hrs. Engine Total Time: 683.0hrs Oil drained, filter removed and contents examined with no contaminants noted. Removed oil pick up screen, cleaned and reinstalled using new crush gasket. New oil filter installed and engine serviced with 7qts Aeroshell W-100 Plus oil. Inspected exhaust system per Power Flow I.C.A. 50hr requirements. Installed new tailpipe hangar strap, ground run completed with no leaks noted.

Bryan M Wood A&P3216290

## Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899 Fax (904) 824-6334

Lycoming IO-360-M1A s/n:L-31680-51A 8-5-19 Hobbs:5830.4hrs. Tach:733.3hrs. Engine Total Time:733.3hrs. Oil drained, filter removed and contents examined with no contaminants noted. Removed oil pick up screen, cleaned and reinstalled using new crush gasket. New oil filter installed and engine serviced with 7qts Aeroshell W-100 Plus oil. Inspected exhaust system per Power Plow I.C.A. 100hr requirements with no defects noted. Removed #3 fuel injector nozzle, inspected/eleaned and reinstalled. Engine ground run completed with no leaks noted.

Bryan M Wood A&P3216290 TOTAL THIS PAGE! TOTAL FROM PREVIOUS SUMMARY TOTAL

MAINTENANCE RECORD

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

LICENCE SIGNATURE NUMBER

FERNANDINA BEACH AIRCRAFT MAINTENANCE 3990 CENTURION WAY HANGAR A FERNANDINA BEACH FL 32034

ENGINE LYCOMING 10-360-M1A S/N L-31680-51A TACH: 760.50 TT: 760.50

ERFORMED AN ANNUAL INSPECTION PER FERNANDINA BEACH AIRCRAFT MAINTENANCE INSPECTION SHEET. COMP CHECK #1-78 #2-75 #3-73 #4-74. CHANGED OIL AND FILTER. INSPECTED FILTER FOR METAL. FILLED WITH 7 QTS AEROSHELL W100 P-LUS. ALL SPARK PLUGS HAVE BEEN CLEANED, GAPPED.AND TESTED. REPLACED AIR FILTER P/N FR-08504. INSPECTED EXHAUST SYSTEM WITH NO DEFECTS NOTED. CLEANED AND FLOW-CHECKED FUEL INJECTORS. CW AD 15-19-07 EXTERNAL FUEL INJECTOR LINES BY INSPECTION. NEXT DUE 860.50. ENGINE RUNUP GOOD WITH NO LEAKS NOTED. THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND AIRWORTHY.

IA 3773737

01/15/2020

Corporate Aircraft Maintenance, LLC Airframe logbook entry Hobbs: 5854.2

Reg #: N384DM Model: DA40 Tach: 750.6 S/N: 40.443 10/8/2019

Removed and replaced L/H main tire and inner tube with new Air Hawk 15x6.00-6 tire and 15x6.00 inner tube. Serviced tire to 36 psi.

Robert D Mullen AP 2789626

Serviced tire to 36 psi.

Corporate Aircraft Maintenance, LLC

Airframe logbook entry Hobbs: 15.8 Reg #: N384DM Model: DA40 Tach: 771.9 S/N: 40.443 2/17/2020

Squawk: Fuel Flow Erratic

- 1. Troubleshot fuel flow indication to defective fuel flow transmitter assembly. Removed P/N 201-030-00, S/N 136012 (k-factor 29.8) and installed new transmitter same P/N, S/N 222881 (k-factor 29.41).
- 2. Ground run leak and ops checks good.

Mark Sunstrom AP 398604666

MAXIMUM HOURS BETWEEN OVERHAULS