# AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

### ENGINE LOG

I. Make		LYCOMING			
2.	Model	IO-360-MIA			
3.	Specification	IEIO			
4.	Manufacturer's Serial	L-33042-51A			
5.	Date of Manufacture	8-16-06			
6.	Aircraft Inspection Cycle				

					SIME
	-		TIME	SINCE	ENGINE SERVIC
	TIME	RUN	HRS.	MIN.	ENGINE INSTALLED
DATE	HRS.	MIN.	HHS.	_	The state of the s
BROUGHT		-	0	.0	Engine installation inspected I A.W. Dispected I A.W. Dis
FORWARD	1				Engine installant
		-			DA 40 W.I.S. Ray, Apected I.A.
					Form ME-O
					Engine service with 8 qls. Of p.
					ndips 201/16
		-+	$\neg \neg$		Engine break-in I.A.W. Lycom
		$\rightarrow \downarrow$	-+	_	Engine service with 8 qts. Of Philips 20W50 1
			<del>-</del>	-	FLIGHT TEST COME
	$\overline{}$		X		Engine break-in I.A.W. Lycoming Service Instru FLIGHT TEST COMPLETED
_	-+	-+			
	$\longrightarrow$		4, 5		OURS BROUGHT FORWARD
NOV 30 2006			4, 5	<del></del>	TORWARD _
NOV 30 & 0 0 0			T Latel	and the same	on Northwest, Inc.
DIAMOND LYCOMING DECEMBE 1. CHANG	DA-40 G R 22,2006	10-3	C.   40.716   360-M1A   Tack	h 25.6 hr	1 SERVICED WITH 8QTS PHILLIPS 2015
LVCOMING	DA-40 G R 22,2000 ED OIL AN LED OIL D TH NO LE	S/N 10-3	C.   40.716   360-M1A   Tack	h 25.6 hr	N72MZ S/N L-33042-51A S TSN25.6 hrs 1 SERVICED WITH 8QTS PHILLIPS 20/50 XC 0
LYCOMING DECEMBE 1. CHANG 2. INSTALL	DA-40 G R 22,2000 ED OIL AN LED OIL D TH NO LE	S/N 10-3	C.   40.716   360-M1A   Tack	h 25.6 hr H48110- 25000. OPS.	N72MZ S/N L-33042-51A S TSN25.6 hrs 1 SERVICED WITH 8QTS PHILLIPS 20/50 XC 0
LYCOMING DECEMBE 1. CHANG 2. INSTALL	DA-40 G R 22,2000 ED OIL AN LED OIL D TH NO LE	S/N 10-3	C.   40.716   360-M1A   Tack	h 25.6 hr H48110- 25000. OPS.	N72MZ S/N L-33042-51A S TSN25.6 hrs 1 SERVICED WITH 8QTS PHILLIPS 20/50 XC 0
LYCOMING DECEMBE 1. CHANG 2. INSTALL	DA-40 G R 22,2000 ED OIL AN LED OIL D TH NO LE	S/N 10-3	C.   40.716   360-M1A   Tack	h 25.6 hr H48110- 25000. OPS.	N72MZ S/N L-33042-51A S TSN25.6 hrs 1 SERVICED WITH 8QTS PHILLIPS 20/50 XC 0
LYCOMING DECEMBE 1. CHANG 2. INSTALL	DA-40 G R 22,2000 ED OIL AN LED OIL D TH NO LE	S/N 10-3	C.   40.716   360-M1A   Tack	h 25.6 hr H48110- 25000. OPS.	N72MZ Engine Logbook Entry S/N L-33042-51A  TSN25.6 hrs 1 SERVICED WITH 8QTS PHILLIPS 20/50 XC 0
LYCOMING DECEMBE 1. CHANG 2. INSTALL 3. RAN WI RAY V. MA	DA-40 G ER 22,2006 ED OIL AN LED OIL D TH NO LE RTYN	S/N IO-S ND FILTEF RAIN VAL AKS AND	I 40.716 360-M1A Tack R WITH C VE-P/N F NORMAL	h 25.6 hr H48110- 25000. OPS.	N72MZ S/N L-33042-51A S TSN25.6 hrs 1 SERVICED WITH 8QTS PHILLIPS 20/50 XC 0
LYCOMING DECEMBE 1. CHANG 2. INSTALL 3. RAN WI RAY V. MA	DA-40 G ER 22,2006 ED OIL AN LED OIL D TH NO LE RTYN	S/N 10-5 ND FILTEFIRAIN VAL AKS AND	FR	h 25.6 hr H48110- 25000. OPS: ENI	N72MZ S/N L-33042-51A S TSN25.6 hrs 1 SERVICED WITH 8QTS PHILLIPS 20/50 XC 01 A&P 553378915
LYCOMING DECEMBE 1. CHANG 2. INSTALL 3. RAN WI RAY V. MA	DA-40 G ER 22,2006 ED OIL AN LED OIL D TH NO LE RTYN  ENTE	S/N 10-3 ND FILTEFIRAIN VAL AKS AND	FR	Dat	N72MZ S/N L-33042-51A  TSN25.6 hrs  1 SERVICED WITH 8QTS PHILLIPS 20/50 XC OI  A&P 553378915  Engine TT: 55.4
LYCOMING DECEMBE 1. CHANG 2. INSTALL 3. RAN WI RAY V. MA	DA-40 G FR 22,2006 ED OIL AN LED OIL D TH NO LE RTYN  Y INTERNATIO ORD, OREGON -5314 CRS	S/N 10-3 ND FILTEF RAIN VAL AKS AND  CR M NAL AIRPORT 97504 GCPR185E	FR	Dat	N72MZ S/N L-33042-51A  S TSN25.6 hrs 1 SERVICED WITH 8QTS PHILLIPS 20/50 XC 0   A&P 553378915
LYCOMING DECEMBE 1. CHANG 2. INSTALL 3. RAN WI RAY V. MA	DA-40 G R 22,2006 ED OIL AN LED OIL D TH NO LE RTYN  FINTERNATIO ORD, OREGON -5314 CRS e Log Entry	S/N 10-3 ND FILTEF RAIN VAL AKS AND POPULAR AIRPORT 97504 GCFR185E N7.	FR	Dat	N72MZ S/N L-33042-51A  TSN25.6 hrs  1 SERVICED WITH 8QTS PHILLIPS 20/50 XC OI  A&P 553378915  Engine TT: 55.4
LYCOMING DECEMBE 1. CHANG 2. INSTALL 3. RAN WI RAY V. MA	ENTE  Y INTERNATIO ORD, OREGON -5314 CRS Le Log Entry S Hr. /50 Hr.	S/N 10-3  ND FILTEF RAIN VAL AKS AND PART OF STATE STA	FR  #17  2MZ  140.716  360-M1A  Tacl  R WITH C  VE-P/N F  NORMAL  #17	Dat Tack	N72MZ S/N L-33042-51A  S TSN25.6 hrs  1 SERVICED WITH 8QTS PHILLIPS 20/50 XC 0   A&P 553378915  D  e: 5-11-07 Engine TT: 55.4  1 Time: 55.4
LYCOMING DECEMBE 1. CHANG 2. INSTALL 3. RAN WI RAY V. MA	DA-40 G ER 22,2006 ED OIL AN LED OIL D TH NO LE RTYN  FITTE  Y INTERNATION ORD, OREGON 5 Hz. / 50 Hz.	S/N IO-S ND FILTEF RAIN VAL AKS AND STORY	FR  #17  2MZ  is date. er, 8 quarts salvsis)	Dat Tack	N72MZ S/N L-33042-51A Engine Logbook Entry S/N L-33042-51A TSN25.6 hrs 1 SERVICED WITH 8QTS PHILLIPS 20/50 XC OII  A&P 553378915  Engine TT: 55.4 1 Time: 55.4 1 Time: 55.4 Plus Oil).
LYCOMING DECEMBE 1. CHANG 2. INSTALL 3. RAN WI RAY V. MA	ENTE Y INTERNATIO ORD, OREGON -5314 CRS e Log Entry 5 Hr. /50 Hr. filter (lea G/ken, Readings	S/N 10-3 S/N	FR  #17  2MZ  is date. er, 8 quarts salysis). 0, #2 74/80, a	Dat Tack	N72MZ S/N L-33042-51A  TSN25.6 hrs 1 SERVICED WITH 8QTS PHILLIPS 20/50 XC OI  A&P 553378915  Engine TT: 55.4 1 Time: 55.4 1 Time: 55.4 Plus Oil).
LYCOMING DECEMBE 1. CHANG 2. INSTALL 3. RAN WI RAY V. MA	ENTE Y INTERNATIO ORD, OREGON -5314 CRS the Log Entry 5 Hr. /50 Hr. filter (lea G/ ken, Readings attified above v nent details on	S/N 10-3 ND FILTEF RAIN VAL AKS AND POPULATE PROPERTY OF THE P	FR  #17  2MZ  is date. er, 8 quarts salysis). 0, #2 74/80, iand repaired gency under	Dat Tota Tacl Shell 100W #3 78/80, #4 I in accordar work order	N72MZ S/N L-33042-51A  S TSN25.6 hrs  1 SERVICED WITH 8QTS PHILLIPS 20/50 XC OII  A&P 553378915  C: 5-11-07 Engine TT: 55.4  In Time: 55.4  Plus Oil).  174/80.  Ince with current FARs and was found airworthy and is approven no. 21873.
LYCOMING DECEMBE 1. CHANG 2. INSTALL 3. RAN WI RAY V. MA	ENTE Y INTERNATIO ORD, OREGON -5314 CRS the Log Entry 5 Hr. /50 Hr. filter (lea G/ ken, Readings attified above v nent details on	S/N 10-3 ND FILTEF RAIN VAL AKS AND POPULATE PROPERTY OF THE P	FR  #17  2MZ  is date. er, 8 quarts salysis). 0, #2 74/80, iand repaired gency under	Dat Tota Tacl Shell 100W #3 78/80, #4 I in accordar work order	N72MZ S/N L-33042-51A  S TSN25.6 hrs  1 SERVICED WITH 8QTS PHILLIPS 20/50 XC OII  A&P 553378915  C: 5-11-07 Engine TT: 55.4  In Time: 55.4  Plus Oil).  174/80.  Ince with current FARs and was found airworthy and is approven no. 21873.
JET C  ROUTE VALLE  MEDP  (S41)770  Engin  1) Accomplished 2 2) Changed oil and 3) Oil analysis was 4) Compression Tal	ENTE Y INTERNATIO ORD, OREGON -5314 CRS the Log Entry 5 Hr. /50 Hr. filter (lea G/ ken, Readings attified above v nent details on	S/N 10-3 ND FILTEF RAIN VAL AKS AND SAID FILTEF RAIN VAL AKS AND SAID FILTEF RAIN VAL AMBRE SAID FILTE	FR  #17  2MZ  is date. er, 8 quarts salysis). 0, #2 74/80, iand repaired gency under	Dat Tota Tacl Shell 100W #3 78/80, #4 I in accordar work order	N72MZ S/N L-33042-51A  S TSN25.6 hrs  1 SERVICED WITH 8QTS PHILLIPS 20/50 XC 0  A&P 553378915  C: 5-11-07 Engine TT: 55.4  Time: 55.4  Plus Oil).  174/80.  Ince with current FARs and was found airworthy and is approven no. 21873.
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LYCOMING DECEMBE  1. CHANG 2. INSTALL 3. RAN WI' RAY V. MA   FROGUE VALLE MEDF  (541)770 Engin  1) Accomplished 2 2) Changed oil and 3) Oil analysis was 4) Compression Tal The component(s) iden return to service. Perti Richard T. Fontes	ENTE Y INTERNATIO ORD, OREGON -5314 CRS the Log Entry 5 Hr. /50 Hr. filter (lea G/ ken, Readings attified above v nent details on	S/N 10-3 ND FILTEF RAIN VAL AKS AND POPULATE PROPERTY OF THE P	FR  #17  2MZ  is date. er, 8 quarts salysis). 0, #2 74/80, iand repaired gency under	Date Total Tack	N72MZ S/N L-33042-51A  TSN25.6 hrs  1 SERVICED WITH 8QTS PHILLIPS 20/50 XC OII  A&P 553378915  Engine TT: 55.4  Time: 55.4  Plus Oil).  1 74/80.  Ince with current FARs and was found airworthy and is approven in 21873.
LYCOMING DECEMBE  1. CHANG  2. INSTALL  3. RAN WI RAY V. MA   PROGUE VALLE VALUE PROGUE  (541)770  Engin  1) Accomplished 2  2) Changed oil and  3) Oil analysis was  4) Compression Tal  The component(s) ider return to service. Perti	ENTE Y INTERNATIO ORD, OREGON -5314 CRS the Log Entry 5 Hr. /50 Hr. filter (lea G/ ken, Readings attified above v nent details on	S/N 10-3 ND FILTEF RAIN VAL AKS AND POPULATE PROPERTY OF THE P	FR  #17  2MZ  is date. er, 8 quarts salysis). 0, #2 74/80, iand repaired gency under	Date Total Tack	N72MZ S/N L-33042-51A  TSN25.6 hrs  1 SERVICED WITH 8QTS PHILLIPS 20/50 XC OII  A&P 553378915  Engine TT: 55.4  Time: 55.4  Plus Oil).  1 74/80.  Ince with current FARs and was found airworthy and is approven in 21873.

THE DAY	REPAIRS, ADJUSTME	NTS, MODIFICATIONS	NO TIME COLUMN	SIGNATURE	Lice
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2) Oil analys 3) Engine wa	oil and filter (1ea CH48110-1 Filter, 8 sis was taken (1ea GA-001 Oil Analysi as washed down, run and leak checked.  (s) identified above was inspected and approved for return to service. Pertin	. No leaks noted at this time.	rrent FARs and was for y under work order no.	and	
- JET CE	INTER MFR INTERNATIONAL AIRPORT #17 ID, OREGON 97504 314 CRS: GCFR185E Log Entry N72MZ	Date: 12-12-07 Total Time: 133.8 Tach Time: 133.8	Engine TT: 133.8		
MEDFOR (541) 770-5:					
MEDFOR (541) 770-5: Engine 1	ter (1ea CH48110-1 Filter, 8 quarts	Shell 100W Plus Oil).		•	
(541) 770-5. Engine I  1) Changed oil and fil 2) Oil analysis was tak	ter (1ea CH48110-1 Filter, 8 quarts ken (1ea GA-001 Oil Analysis).	eaks noted at this time.		•	
1) Changed oil and fil 2) Oil analysis was tak 3) Engine was washed	ter (1ea CH48110-1 Filter, 8 quarts ken (1ea GA-001 Oil Analysis). I down, run and leak checked. No le	eaks noted at this time.	t FARs and was foun	d airworthy and is approve	d for
1) Changed oil and fil 2) Oil analysis was tak 3) Engine was washed The component(s) identifi	ter (1ea CH48110-1 Filter, 8 quarts ken (1ea GA-001 Oil Analysis). I down, run and leak checked. No le ied above was inspected and repaire of details on file at this agency unde	eaks noted at this time. ed in accordance with curren er work order no. 22256.	t FARs and was foun	d airworthy and is approve	d for
1) Changed oil and fil 2) Oil analysis was tak 3) Engine was washed The component(s) identifi	ter (1ea CH48110-1 Filter, 8 quarts ken (1ea GA-001 Oil Analysis). I down, run and leak checked. No le ied above was inspected and repaire of details on file at this agency unde	eaks noted at this time. ed in accordance with curren er work order no. 22256.	t FARs and was foun	d airworthy and is approve	d for
1) Changed oil and fil 2) Oil analysis was tak 3) Engine was washed The component(s) identifi	ter (1ea CH48110-1 Filter, 8 quarts ken (1ea GA-001 Oil Analysis). I down, run and leak checked. No le	eaks noted at this time. ed in accordance with curren er work order no. 22256.	t FARs and was foun	d airworthy and is approve	d for

## JET CENTER M

MEDPORD, OFFICION 97504 CRS: OCPRI65E (541) 770-5314 N72MZ Engine Log Entry

Date: 1-10-08 Total Time: 133.8 Tach Time: 133.8

Engine TT: 133.8

Complied with a 50 / 100 Hr. Inspection in accordance with FAR 43 Appendix D.

Compression Taken, Readings are: #1 77/80, #2 73/80, #3 78/80, #4 76/80.

Engine was washed down, run and leak checked. No leaks noted at this time. 2)

3) Engine was wasned down, and the service. Pertinent details on file at this agency under work order no. 22550.

Gapy N Hudnarl Jr.

### JET CENTER MFR

MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPR185E **Engine Log Entry** 

N72MZ

Date: 2-09-08 Total Time: 197.4

Engine TT: unk

Tach Time: unk

Installed new spark plug, (1ea. REM38E plug). 1)

Cleaned, inspected and tested spark plugs, (11ea. M-674). 2)

Cleaned, inspected and tested spain plags, (1984). Timed both magnetos to Lycoming MM section 4-30. Ran engine both magnetos ops tested with no problems noted. 3)

Timed both magnetos to Escaled and repaired in accordance with current FARs and was found airworthy and is approved to Pertinent details on file at this agency under work order no. 22774.

Richard T. Fontes /

ROGUE VALLEY INTERNATIONAL AIRPORT #17 MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPR185E **Engine Log Entry** 

N72MZ

Total Time: 155.9

Tach Time: 155.9

Engine TT: 155.9

Changed oil and filter (1ea CH48110-1 Filter, 8 quarts Shell 100W Plus Oil).

Oil analysis was taken (1ea GA-001 Oil Analysis).

3) Ran engine, ops and leaked checked with no problems noted.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved to the component of the state of the component of the compon

Richard T. Fontes

MEDFORD, OREGON 97504 (541) 770-5314

CRS: GCPR185E **Engine Log Entry** N72MZ Date: 5-22-08 Total Time: 181.1 Tach Time: 181.1

Engine TT: 181.1

Changed oil and filter (lea CH48110-1 Filter, 8 quarts Shell 100W Plus Oil). Oil analysis was taken (1ea GA-001 Oil Analysis).

Ran engine, ops and leaked checked with no problems noted.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for Richard & Jontes

Richard T. Fontes

2070 Milligan Way, Medford, Oregon 97504

MAXIMUM HOURS BETWEEN OVERHAULS\_

HOURS.

	TIME RUN	OVERHAUL	HOTE VIE SOTH STALL	1
DATE	HRS. MIN.	HRS. MIN.	NOTE: USE BOTH PAGES AND AS WARY LONG	1
		1 1	1000	100
	ST FLIGHT	CENTER		100
OUTHWE	07-28-10	TIS-351.1		11
72MZ	E	NG.TT-351.1		11
-360M1A	Annual Inspection ppendix D Using DA	I/A/W SWFC Insp	pection	1/3
rmed A 50/100hr/	Annual Inspection ppendix D Using DA Guide. Drained Oil.	40 AMM And I	No.	11
ist. 14Ci.	Cuide Drameu C.	a stand Qat		11.
nifillitis i co	Campression As I	. T'	CAV	1
1 30 Cm. C.	o Admsted Rt. Wing	I N	00	1
ng AD-00	Lug Gasket . Instant	at had Ad's	Thru	
uel Sei to	n No Longer App	TO I COT	ify.	
			ction	
as Found To Be In	Airworthy Condit	A. Encinas		
-02COLA				/
AP-1379369IA	AIRPORT (48	80-991-2880)		)
COTTSDALE	AIRPORT			
			4%	
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N72MZ		Dia Hol	RLSBAD, CA 92011  mond DA-40 bbs: 579.1 Hrs  S/N: Tach:	40.716 470.8 u-
N72MZ 4-20-11	auformed'	Но	amond DA-40 S/N: bbs: 579.1 Hrs Tach:	470.8 Hr
4-20-11	performed:	Hol	amond DA-40 S/N: bbs: 579.1 Hrs Tach:	470.8 Hr
4-20-11  Maintenance - Changed	1 amon Ald All IIII	Holoviced engine with	amond DA-40 S/N: bbs: 579.1 Hrs Tach:	470.8 Hr
4-20-11  Maintenance - Changed filter. Cu	nt open old on mil	Holoviced engine with ter and inspected 0 & 79-00.	h 7 Qts of Aeroshell 15W-50 oil and installed r with no metal contamination found. All wor	470.8 Hr new CH48 k was dor
4-20-11  Maintenance - Changed filter. Cu Diamond - Took oil s	of open old on fine DA-40 MM 12-10 Sample and sent of	viced engine with ter and inspected 0 & 79-00.	amond DA-40 bbs: 579.1 Hrs Tach:  h 7 Qts of Aeroshell 15W-50 oil and installed r with no metal contamination found. All wor	470.8 Hr new CH48 k was dor
4-20-11  Maintenance - Changed filter. Cu Diamond - Took oil s - Complied	open old on find DA-40 MM 12-10 sample and sent out with AD 2008-14 no defects noted a	Hole viced engine with ter and inspected 0 & 79-00. The for analysis. 4-07 by inspection this time. Due	amond DA-40 bbs: 579.1 Hrs Tach:  h 7 Qts of Aeroshell 15W-50 oil and installed r with no metal contamination found. All wor on of all fuel injector fuel lines and clamps I/A/ every 100 Hrs.	470.8 Hr new CH488 ck was dor
4-20-11  Maintenance - Changed filter. Conjument - Took oil s - Complied 342E and	open old off find DA-40 MM 12-10 sample and sent out with AD 2008-14 no defects noted a	Holeviced engine with ter and inspected 0 & 79-00. The for analysis. 4-07 by inspection at this time. Due	mond DA-40 bbs: 579.1 Hrs Tach:  h 7 Qts of Aeroshell 15W-50 oil and installed r with no metal contamination found. All wor  on of all fuel injector fuel lines and clamps I/A/ every 100 Hrs.	470.8 Hr new CH481 rk was don
4-20-11  Maintenance - Changed filter. Cu Diamond - Took oil s - Complied 342E and	DA-40 MM 12-10 sample and sent out with AD 2008-14 no defects noted a only the work re	viced engine with ter and inspected 0 & 79-00. In the formula of the following the fol	amond DA-40 bbs: 579.1 Hrs Tach:  h 7 Qts of Aeroshell 15W-50 oil and installed religion of all fuel injector fuel lines and clamps I/A/every 100 Hrs.  owner/operator and listed above was repaired at the strong and was found to be airworthy for returnations and was found to be airworthy for returnations.	470.8 Hr new CH48 rk was don W Lycom
4-20-11  Maintenance - Changed filter. Cu Diamond - Took oil s - Complied 342E and	DA-40 MM 12-10 sample and sent out with AD 2008-14 no defects noted a only the work re	viced engine with ter and inspected 0 & 79-00. In the formula of the following the fol	amond DA-40 bbs: 579.1 Hrs Tach:  h 7 Qts of Aeroshell 15W-50 oil and installed religion of all fuel injector fuel lines and clamps I/A/every 100 Hrs.  owner/operator and listed above was repaired at the strong and was found to be airworthy for returnations and was found to be airworthy for returnations.	470.8 Hr new CH481 rk was don
4-20-11  Maintenance - Changed filter. Cu Diamond - Took oil s - Complied 342E and	DA-40 MM 12-10 sample and sent out with AD 2008-14 no defects noted a only the work re	viced engine with ter and inspected 0 & 79-00. In the formula of the following the fol	amond DA-40 bbs: 579.1 Hrs Tach:  h 7 Qts of Aeroshell 15W-50 oil and installed religion of all fuel injector fuel lines and clamps I/A/every 100 Hrs.  owner/operator and listed above was repaired ations and was found to be airworthy for return the K Order #AF-11-06274.	470.8 Hr. new CH481 rk was don W Lycom d and ins
4-20-11  Maintenance - Changed filter. Cu Diamond - Took oil s - Complied 342E and	DA-40 MM 12-10 sample and sent out with AD 2008-14 no defects noted a only the work re	viced engine with ter and inspected 0 & 79-00. In the formula of the following the fol	amond DA-40 bbs: 579.1 Hrs Tach:  h 7 Qts of Aeroshell 15W-50 oil and installed religion of all fuel injector fuel lines and clamps I/A/every 100 Hrs.  owner/operator and listed above was repaired at the strong and was found to be airworthy for returnations and was found to be airworthy for returnations.	470.8 Hr new CH48 rk was dor rW Lycom d and ins to service
4-20-11  Maintenance - Changed filter. Cu Diamond - Took oil s - Complied 342E and  I certify that	DA-40 MM 12-10 sample and sent out with AD 2008-14 no defects noted a only the work re	viced engine with ter and inspected 0 & 79-00. In the formula of the following the fol	amond DA-40 bbs: 579.1 Hrs Tach:  h 7 Qts of Aeroshell 15W-50 oil and installed religion of all fuel injector fuel lines and clamps I/A/every 100 Hrs.  owner/operator and listed above was repaired ations and was found to be airworthy for return the K Order #AF-11-06274.	470.8 Hr new CH48 rk was dor rW Lycom d and ins to service
4-20-11  Maintenance - Changed filter. Cu Diamond - Took oil s - Complied 342E and	DA-40 MM 12-10 sample and sent out with AD 2008-14 no defects noted a only the work re	viced engine with ter and inspected 0 & 79-00. In the formula of the following the fol	amond DA-40 bbs: 579.1 Hrs Tach:  h 7 Qts of Aeroshell 15W-50 oil and installed religion of all fuel injector fuel lines and clamps I/A/every 100 Hrs.  owner/operator and listed above was repaired ations and was found to be airworthy for return the K Order #AF-11-06274.	470.8 Hr new CH481 rk was don W Lycom d and ins to service
4-20-11  Maintenance - Changed filter. Cu Diamond - Took oil s - Complied 342E and  I certify that	DA-40 MM 12-10 sample and sent out with AD 2008-14 no defects noted a only the work re	viced engine with ter and inspected 0 & 79-00. In the formula of the following the fol	amond DA-40 bbs: 579.1 Hrs Tach:  h 7 Qts of Aeroshell 15W-50 oil and installed religion of all fuel injector fuel lines and clamps I/A/every 100 Hrs.  owner/operator and listed above was repaired ations and was found to be airworthy for return the K Order #AF-11-06274.	470.8 Hr new CH48 rk was dor rW Lycom d and ins to service
4-20-11  Maintenance - Changed filter. Cu Diamond - Took oil s - Complied 342E and  I certify that accordance wi of the repair an	DA-40 MM 12-10 sample and sent out with AD 2008-14 no defects noted a only the work re	viced engine with ter and inspected 0 & 79-00. In the formula of the following the fol	mond DA-40 bbs: 579.1 Hrs Tach:  h 7 Qts of Aeroshell 15W-50 oil and installed religion of all fuel injector fuel lines and clamps I/A/revery 100 Hrs.  owner/operator and listed above was repaired ations and was found to be airworthy for return the Order #AF-11-06274.  CARRIED FORWARD	470.8 Hr new CH48 lk was don W Lycom d and ins to service
4-20-11  Maintenance - Changed filter. Cu Diamond - Took oil s - Complied 342E and  I certify that accordance wi of the repair an	DA-40 MM 12-10 sample and sent out with AD 2008-14 no defects noted a only the work re	viced engine with ter and inspected 0 & 79-00. In the formula of the following the fol	mond DA-40 bbs: 579.1 Hrs Tach:  h 7 Qts of Aeroshell 15W-50 oil and installed religion of all fuel injector fuel lines and clamps I/A/revery 100 Hrs.  owner/operator and listed above was repaired ations and was found to be airworthy for return the Order #AF-11-06274.  CARRIED FORWARD	470.8 Hr new CH481 k was don W Lycom d and ins to service
4-20-11  Maintenance - Changed filter. Cu Diamond - Took oil s - Complied 342E and  I certify that	DA-40 MM 12-10 sample and sent out with AD 2008-14 no defects noted a only the work re	viced engine with ter and inspected 0 & 79-00. In the formula of the following the fol	mond DA-40 bbs: 579.1 Hrs Tach:  h 7 Qts of Aeroshell 15W-50 oil and installed religion of all fuel injector fuel lines and clamps I/A/every 100 Hrs.  owner/operator and listed above was repaired at its and was found to be airworthy for return the K Order #AF-11-06274.  Local Crawford, Chief Information DA-40 Tool Tach:  Tach: Tac	470.8 Hr. new CH48I rk was don W Lycom d and ins to service

REPAIRS, ADJUSTMENTS, MODIFICATIONS  IS. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS	\$10	SIGNATURE	
LEA INC DRA  LEADING EDGE AMATICH  2010 PAL CAMAR ABROWN BOAD  ANGAR 6  CARL SEAD. CA 92011 4400  (760) 931 8999. FAX (700) 931 9328	Date ETT	07/22/11 508 7	1, 3754
Bellin and the second s	Model No. Serial No. ration No.	10-360-M1A L-33042-51/ N72MZ	

AN ANNUAL INSPECTION WAS COMPLETED ON THIS ENGINE, LYCOMING MODEL 10-360-MIA, S/N L-33042-51A I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: OIL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES AS PER SB-480D, INSTALLED NEW CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED (4) SPARK PLUGS WITH P/N UREM38E. CLEANED AND GAPPED REMAINING SPARK PLUGS. INSTALLED NEW #2 CYLINDER INTAKE GASKET P/N 71973. REPLACED LEFT MAGNETO WITH P/N4347, S/N 11040060. TIMED MAGS TO ENGINE. C/W AD 2008-14-07 FUEL INJ. LINES AND CLAMPS BY INSPECTION. NO DEFECTS NOTED. NEXT DUE AT 608.7 ATT.

COMPRESSION TEST: #1 70/80 #2 74/80 #3 72/80 #4 72/80.
 NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: NONE
 RECURRING AD LISTING, SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING: NONE

• AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 6/13/2011.
THIS LYCOMING MODEL 10-360-MIA, S/N L-33042-51A HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE...END.

WORK ORDER # 72MZ071211. THOMAS R. SHAW

FOR FAA CRS LE6R154J



LEA, INC. DBA
LFADING EDGE AVIATION
2010 PALCMAR AIRPORT ROAD
HANGAR 6
CARLSBAD, CA 92011-4400
(760) 931-8565, FAX (760) 931-9328

ETT Model No. Serial No.

Registration No.

Date

08/13/12 629.1 IO-360-M1A L-33042-51A

N72MZ

TACH: 629.1

AN ANNUAL INSPECTION WAS COMPLETED ON THIS ENGINE, LYCOMING MODEL IO-360-M1A, S/N L-33042-51A I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: OIL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES AS PER SB-480D, INSTALLED NEW CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED (4) SPARK PLUGS WITH P/N REM38E. REPLACED ALL SPARK PLUG GASKETS WITH P/N M674. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. TIMED MAGS TO ENGINE. C/W AD 2008-14-07 FUEL INJ. LINES AND CLAMPS BY INSPECTION. NO DEFECTS NOTED. NEXT DUE AT 729.1 ATT.

• COMPRESSION TEST: #1 75/80 #2 78/80 #3 76/80 #4 77/80.

NEW AIR WORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: NONE

RECURRING AD LISTING, SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING: NONE

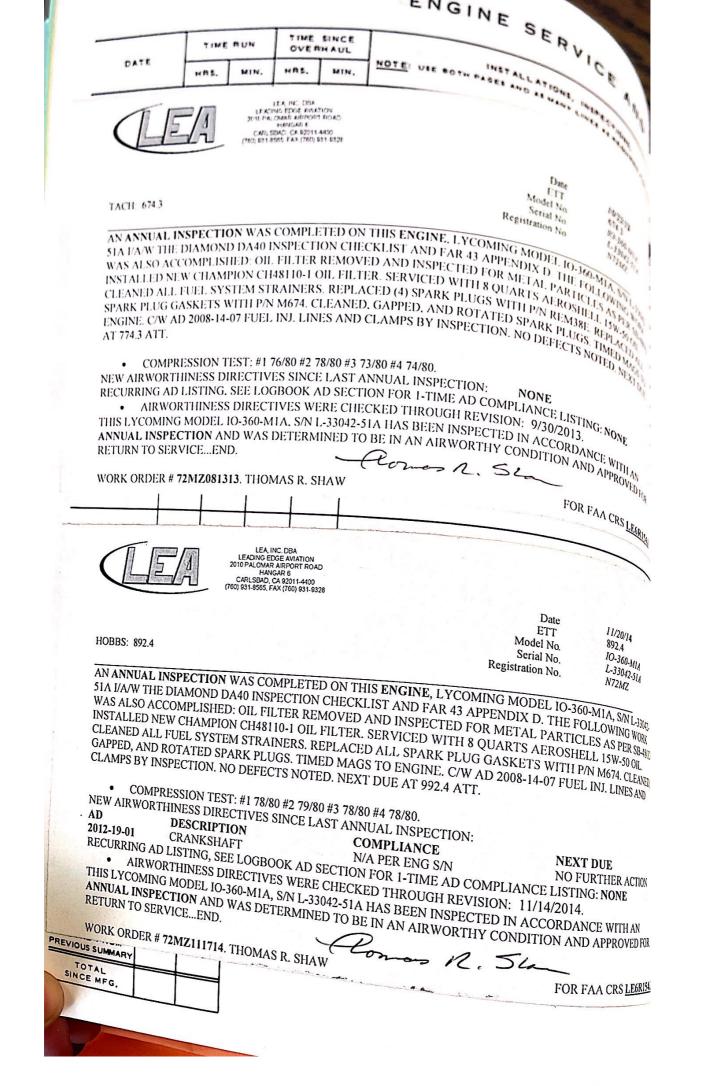
• AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 7/13/2012.

THIS LYCOMING MODEL IO-360-M1A, S/N L-33042-51A HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE...END.

WORK ORDER # 72MZ080112. THOMAS R. SHAW

FOR FAA CRS <u>LE6R154J</u>

MAXIMUM HOURS BETWEEN OVERHAULS\_\_\_\_\_HOURS.



MAINTENANCE RECORD REPAIRS, ADJUSTMENTS, MODIFICATIONS LICENCE SIGNATURE DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS. Date 10616 ETT 941.6 Model No. 10-360-MIA Serial No. L-33042-51A Registration No. N72MZ HORRS: 941.6 AN ANNUAL INSPECTION WAS COMPLETED ON THIS ENGINE, LYCOMING MODEL 10-360-MIA, S/N L-33042-51A I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: OIL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES AS PER SB-480D, INSTALLED NEW CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED ALL SPARK PLUG GASKETS WITH P/N M674. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. TIMED MAGS TO ENGINE. COMPRESSION TEST: #1 72/80 #2 78/80 #3 75/80 #4 75/80. NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: **NEXT DUE COMPLIANCE** DESCRIPTION AD **DUE EACH 100 HRS** VISUAL INSPECTION FUEL INJ. LINES/CLAMPS 2015-19-07 AT OVERHAUL PROPELLER GOV SET SCREW NOT DUE 2015-02-07 RECURRING AD LISTING. SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING: **NEXT DUE** DESCRIPTION **COMPLIANCE** AD ATT 1041.6/ANN VISUAL INSPECTION FUEL INJ. LINES/CLAMPS 2015-19-07 AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 9/26/2016. THIS LYCOMING MODEL IO-360-M1A, S/N L-33042-51A HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE...END. Clomas n. 5 La FOR FAA CRS LE6R154J WORK ORDER # 72MZ092916. THOMAS R. SHAW MX Aero Global LLC Date: 7/17/17 N72MZ S/N: 40.716 2901A E. Spring St. Long Beach, CA 90806 Engine: Lycoming IO-360-M1A S/N: L-33042-51A Total Time: 793.8 Tach: 793.8 Hobbs: 945.3 Main: 562.366.4806 Cell: 562.881.5345 1. Replaced oil filter P/N AA48110-2. Serviced with X/C 20W-50 IAW DA40 AMM 12-10-00. 2. Performed ground run operational and leak check. Authorized Signature\_ Abel Navarrete AP3773318

MAXIMUM HOURS BETWEEN OVERHAULS\_

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HOURS.

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					Serial No Registration No	10.500.501 x
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				OON THIS ENGINE, LYCOM CHECKLIST AND FAR 43 A MOVED AND INSPECTED FO OUT OF THE SERVICED WITH 8 OUT OF THE SERVICED WITH 8	AING MODEL TO-	60-MIA
	HOBBS: 953.4		OMPLETEI	ON THIS END FAR 43 A	PPENDIX D. THE OR METAL PARTI	CLES NON LOS
	THE ANNUAL I	INSPECTION V	40 INSPECTION	O ON THIS ENGINE, LYCOM CHECKLIST AND FAR 43 A MOVED AND INSPECTED FO TILTER. SERVICED WITH 8 PLACED ALL SPARK PLUC D MAGS TO ENGINE.	QUARTS AEROSI	HELL ISW SE
_	STATIAN THE	COMPLISHED:	OIL FILTER REA	MOVED AND INSTED  HELTER, SERVICED WITH 8  PLACED ALL SPARK PLUC D MAGS TO ENGINE.  #2,70/80 #4,74/80.	GASKETS WITH	P/N M674. CL t
-	WAS ALSO AC	W CHAMPION	STRAINERS. RE	PLACED ALL SPARK D MAGS TO ENGINE. #3 70/80 #4 74/80. #3 ANNUAL INSPECTION:		
_	CLEANED ALL	FUEL SYSTEM	RK PLUGS. TIME	74/80		
_	GAPPED, AND F	ROTATED	#1 73/80 #2 75/80	#3 70/80 #4 74/80. ST ANNUAL INSPECTION: ECTION FOR 1-TIME AD CO COMPLIANCE VISUAL INSPECTION	NONE	TING:
	COMPR	ESSION TEST:	TIVES SINCE LA	ST ANNO FOR 1-TIME AD CO	NE.	XT DUE
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20	115-19-07	- DIRE	CTIVES WERE C	VISUAL INSTEAD  CHECKED THROUGH REVI  42-51A HAS BEEN INSPECT TO BE IN AN AIRWORTH  2. SL	Y CONDITION A	ND APPROVE
_	· AIRWOR	MODEL 10-360	-MIA, S/N L-330	TO BE IN AN AIRWORT		WOAED.
<b>— т</b> н	IS LYCOMING	TION AND WA	SDETERM	Stan	_	
- AN	NUAL INSPECT TURN TO SERVI	ICEEND.	Clone	s R. Slan	FOI	R FAA CRS <u>Leg</u>
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1	W ORDER # 721	MZ010318. THO	OMAS R. SHAW			
– wor	RK ORDER					
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	FFA	2010 PALOMAR HANG	AIRPORT ROAD		Date	10/15/18
		CARLSBAD. C	GAR 6 CA 92011-4400 AX (760) 931-9328		Model No.	DA40
		- 1,00,			Serial No.	40.716
				Reg	gistration No.	N72MZ
	04.2			PARTICLES, INSTALLE W-50 OIL. RAN ENGINE, I	D CHAMPION C	H49110 1 0
TACH: 93	74.2	- IODECT	ED FOR METAL	L PARTICLES, INSTALLE W-50 OIL. RAN ENGINE, I	EAK CHECKEI	OIL FILTED
REMOVE	DOIL FILTER	AND INSPECT	AEROSHELL 15	W-50 OIL. RAN ENGINE,		- D.EK
FILTER. S	EKVICED	H & QUARTE.	Doma.	, n. Sla-		
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REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

FICENCE NUMBER



CARL SBAD, CA 82011-8400 (780) 931-8505, FAX (780) 931-9328

Date FIT Model No Serial No. Registration No. 3/1/10 1031 R 10-360-MIA L-33042-51A N72MZ

HOBBS: 1031.8

AN ANNUAL INSPECTION WAS COMPLETED ON THIS ENGINE, LYCOMING MODEL 10-360-M1A, S/N L-33042-AN ANNUAL INSPECTION WAS DAYOUTED THE REMOVED AND FAR 43 APPENDIX D. THE FOLLOWING WORK 51A I/A/W THE DIAMOND DAGO IL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES AS PER SB-480D.
WAS ALSO ACCOMPLISHED: OIL FILTER, SERVICED WITH 8 QUARTER ARTICLES AS PER SB-480D. WAS ALSO ACCOMPLISHED. OIL OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL.

INSTALLED NEW CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. INSTALLED NEW CHAMITION CITATION STRAINERS. REPLACED ALL SPARK PLUG GASKETS WITH P/N M674, CLEANED, CLEANED ALL FUEL SYSTEM STRAINERS. TIMED MAGS TO ENGINE REPLACED 42, AND 12 M674, CLEANED. CLEANED ALL FUEL STATEMARK PLUGS. TIMED MAGS TO ENGINE. REPLACED #2 AND #3 CYLINDER INTAKE
GAPPED, AND ROTATED SPARK PLUGS. TIMED MAGS TO ENGINE. REPLACED #2 AND #3 CYLINDER INTAKE GAPPED, AND ROTATED STAIRS 1 DO 377569. INSTALLED ALL NEW ROCKER COVER GASKETS P/N 575906.

COMPRESSION TEST: #1 76/80 #2 76/80 #3 74/80 #4 75/80. NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: NONE RECURRING AD LISTING. SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING: COMPLIANCE

AD 2015-19-07 DESCRIPTION FUEL INJ. LINES/CLAMPS VISUAL INSPECTION

**NEXT DUE** ATT 1131.8/ANN

AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 2/6/2019. THIS LYCOMING MODEL 10-360-M1A, S/N L-33042-51A HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE...END. Comas R. SLa

WORK ORDER # 72MZ020719. THOMAS R. SHAW

FOR FAA CRS LE6R154J



LEA, INC DBA LEADING EDGE AVIATION 2010 PALOMAR AIRPORT ROAD HANGAR 6 CARLSBAD, CA 92011-4400 (760) 931-8565, FAX (760) 931-9328

Date ETT Model No. Serial No. Registration No. 11/03/20 1078.3 IO-360-M1A L-33042-51A N72MZ

HOBBS: 1078.3

AN ANNUAL INSPECTION WAS COMPLETED ON THIS ENGINE, LYCOMING MODEL IO-360-M1A, S/N L-33042-51A I/A/W FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: OIL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES AS PER SB-480F, INSTALLED NEW CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED ALL SPARK PLUG GASKETS WITH P/N M674. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. SENT LEFT MAGNETO P/N 4347 S/N 11040060 OUT FOR 500 HOUR INSPECTION. REPAIRED AT AERO ACCESSORIES UNDER WO50841. INSTALLED MAGNETO AND RETIMED TO ENGINE. INSTALLED NEW MAGNETO GASKET P/N LW12681.

COMPRESSION TEST: #1) 75/80 #2) 76/80 #3) 75/80 #4) 72/80.

NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: NONE RECURRING AD LISTING. SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING:

AD

DESCRIPTION

COMPLIANCE

**NEXT DUE** ATT 1178.3/ANN

2015-19-07

FUEL INJ. LINES/CLAMPS

VISUAL INSPECTION

AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 11/03/2020.

THIS LYCOMING MODEL IO-360-M1A, S/N L-33042-51A HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE...END.

WORK ORDER # 72MZ092220. ELENA M. SNOVER LONG W. Sum

FOR FAA CRS LE6R154J