TEXTRON Lycoming

TLRED-489 (Rev. 3-93)

Reciprocating Engine Division/ Subsidiary of Textron Inc.

652 Oliver Street Williamsport, PA 17701 U.S.A.

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

O-360-A1D Engine Model: RL-6985-36A Serial #: Total Time:

2562.6 GJ0105507

Work Order #:

Date Completed:

Authorized Signature SF Elle

Textron Lycoming Reciprocating Engine Division

652 Oliver Street

Williamsport, PA 17701

Repair Station: EJ1R115K

ENGINE DESCRIPTION

Place Williamspo	ort, PA 17701 Date	
Model	Serial NoRL	785-36
Max.H.P.	Weight (Dry)	NVI.
Max. R.P.M.	Oil Pressure	
Stroke	Displacement	Cu. In.
Supercharger Ratio	AND TOTAL	
Hub Design	Hub Serial No.	
Blade Serial No.	Blade Serial No.	
Max. Blade H	I.P.	
Diameter	Length	
	Model Max.H.P. Max.R.P.M. Stroke Supercharger Ratio Hub Design Blade Serial No. Max. Blade H	Model Serial NoRL (Max.H.P. Weight (Dry) Max.R.P.M. Oil Pressure Stroke Displacement Supercharger Ratio Hub Design Hub Serial No. Blade Serial No. Blade Serial No. Max. Blade H.P.

TEXTRON Lycoming

652 Oliver Street Williamsport, PA 717/323-6181 17701 U.S.A

ECORD

ENGINE SERIAL I	NOWBER	-6985 - 3
IN SERVI	CE DATE	ENG.
DETACH AND	RETAIN THIS D	PORTION FOR YOUR F
DE INOT YIND	TIEDAN TINOT	OTHION FOR TOOK P
CEDVIC	PEADLE	DADT
SEUAIC	CEABLE	PANI
Manufacturer ZX	TRON Ly	conside
Part Name AIRCA		NGINE
Model <u>D-360</u>	and the second s	
Part No.	The second	
Serial No. RL	-6985-3	CA
	auma concernario di meta resperare responsario al del transi del 20	
Remarks:		
-		
The aircraft engine or		
□ REN	MANUFACTURED A	ILDOILI
REN REN REP	RHAULED PAIRED	
REN REP and inspected in accordar	RHAULED PAIRED nce with current Re	egulations of the Federal
□ REN □ OVE □ REP and inspected in accordar Aviation Administration	RHAULED PAIRED nce with current Re and is approved	egulations of the Federal for return to service.
□ REN □ OVE □ REP and inspected in accordar Aviation Administration	RHAULED PAIRED INCOMENTAL CONTROL AND IS APPROVED TO PROVIDE THE PROVIDENT CONTROL TO	egulations of the Federal for return to service.
REN REP and inspected in accordar Aviation Administration Pertinent details of the under Order No.	RHAULED PAIRED INCOMENTAL CONTROL AND IS APPROVED TO PROVIDE THE PROVIDENT CONTROL TO	egulations of the Federal for return to service.
REN REP and inspected in accordar Aviation Administration Pertinent details of the under Order No. Date Signed	RHAULED PAIRED Ince with current Reand is approved a repair are on file To 1055 B 2051 S F S A	egulations of the Federal for return to service. e at this repair station
and inspected in accordar Aviation Administration Pertinent details of the under Order No. Date Signed Sig	RHAULED PAIRED INCE With current Reand is approved Prepair are on file Prepair are of file Prepair are of Authoritature of Authoritature	egulations of the Federal for return to service. e at this repair station
REN REP and inspected in accordar Aviation Administration Pertinent details of the under Order No. Date Signed	RHAULED PAIRED Ince with current Reand is approved a repair are on file I 0 5 5 B 2 5 7 S F S B Inature of Authori	egulations of the Federal for return to service. e at this repair station 2 9 1 Lycoming
REN REP and inspected in accordar Aviation Administration Pertinent details of the under Order No. Date Signed FOR:	RHAULED AIRED nee with current Re and is approved repair are on file 5 / 0 5 5 anature of Authori TEXTION Reciprocating Eng Subsidiary of Text	egulations of the Federal for return to service. e at this repair station 2 2 2 2 2 2 2 2 2 2 2 2 2
REN REP and inspected in accordar Aviation Administration Pertinent details of the under Order No. Date Signed FOR:	RHAULED PAIRED Ince with current Reand is approved a repair are on file TO 1055 B 2057 Inature of Authori TEXTRON Reciprocating Eng Subsidiary of Text 652 Oliver Street Williamsport, PA 17	egulations of the Federal for return to service. e at this repair station e at the repair station Lycoming line Division ron lnc.
REN REP and inspected in accordar Aviation Administration Pertinent details of the under Order No. Date Signed FOR:	RHAULED PAIRED Ince with current Reand is approved Repair are on file Reciprocating English Subsidiary of Text 652 Oliver Street Williamsport, PA 17 717/323-6181	egulations of the Federal for return to service. e at this repair station get in the service of the service o
REN OVE OVE REP OVE REP And inspected in accordar Aviation Administration Pertinent details of the under Order No. Date Signed Signed FOR:	RHAULED PAIRED Ince with current Reand is approved Repair are on file Reciprocating English Subsidiary of Text 652 Oliver Street Williamsport, PA 17 717/323-6181	egulations of the Federal for return to service. e at this repair station e at the repair station Lycoming line Division ron lnc.
REN REP and inspected in accordar Aviation Administration Pertinent details of the under Order No. Date Signed FOR:	RHAULED PAIRED Ince with current Reand is approved Repair are on file Reciprocating English Subsidiary of Text 652 Oliver Street Williamsport, PA 17 717/323-6181	egulations of the Federal for return to service. e at this repair station get in the service of the service o
REN OVE OVE REP OVE REP And inspected in accordar Aviation Administration Pertinent details of the under Order No. Date Signed Signed FOR:	RHAULED PAIRED Ince with current Reand is approved Repair are on file Reciprocating English Subsidiary of Text 652 Oliver Street Williamsport, PA 17 717/323-6181	egulations of the Federal for return to service. e at this repair station get in the service of the service o

ACCESSORIES

Customer's Name TOBIAS AIRCRAFT SERVICES at this agency under above listed Work Order Number airworthy for return to service. Pertinent details of the repair are on file accordance with current Federal Aviation Regulations and was found Part Name PROPELLER GOVERNOR The aircraft component identified above was repaired and inspected in Inspector Part No. Remarks OVERHAULED & TESTED SERVICEABLE PARTS TAG Work Order No. 6423 Customer Order No. For: FAA Approved Repair Sta. No. TT2R1991 ALAMO ACCESSORIES 90955 San Antonio, Texas 78216 5-9-95 10843 Vandale

	ENG	INE LOG s	SERIAL No.			ENG	INE LOG	SERIAL No.
DATE TIME Hrs. M		ERVICE- REMARKS	LICENSE SIGNATURE NUMBER	DATE	TIME Hrs. Min.			SIGNATURE
3:40-96	next change	vid Lives Note Gernshell ooi Q+25 hr. Raw	tim safetyed. -aks found filled on mineral oil engine checked and to service	8-314		N.	sdate P-31	HOR CONVERSION 95. Opscheck 1e. Parker 4616
	Page Total	All Repair Data Mu	st Bear the Endorsement		anag-j.	Page Total	of a Cartificat	a Must Bear the Endorseme ed Mechanic, and his Rati
	Brought Forward	of a Certificated N	Mechanic, and his Rating			Brought Forward	and Certificate	Number MUST be Shown.
	Total to Date	and Certificate Num	ber MUST be Shown.			Total to Date		



RHAPSODY DR. TEXAS 78216 ANTONIO.

Shown.

and Certificate Number MUST

PHONE 512-344-2785

CERTIFICATED REPAIR STATION MMF 243-10

WARRANTY APPLICATION

S V. Heath. MORGAN RIDGE TEXAS 98330 aciation

2562 HRS.

LIMITED WARRANTY

InterAv warrants each product to be free from defects in material and workmanship under normal use and service; obligation under this warranty will be limited to repairing or replacing at its option any parts which fall within the 250 hours or six months time limit specified by this warranty. The warranty unit shall be returned to interAv, transportation and handling charges prepaid; briefly describe the malfunction or reason for returning such warranty. InterAv will at its option repair or replace warranty unit to the installing dealer on Distributor. There are no other warranties, expressed or implied except InterAv warranty against defects in material and workmanship set out above.

ALTERNATOR S/N

REGULATOR S/N

OVER-VOLTAGE RELAY

WARRANTY NOT VALID unless warranty card completed and mailed within 10 days of installation of this kit.

			ENGIN	VE LOG SERIAL No
DATE		ИЕ Min.	REPAIRS - ADJUSTMENTS - SERV	CE- REMARKS SIGNATURE NUMBER
9-1-95	3381 tack 2562	13	Inspected Powerplant T/A/Wa	n Annual Inspection and have found it to be in an
t (The Line	2.3 SM		1 Inl	Jh.
			AP464591	7321A
			Der = 819	
	Service.		Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating
			Brought Forward	and Certificate Number MUST be Shown.

Total to Date

ENGINE LOG SERIAL No. ___

DATE TIME SIGNATED SI	ATURE
Date: October 7, 1996 Tach: 3438.75 Total Time: 2620.52 Total SMOH: 57.92	-
Inspected engine in accordance with Mooney Service Manual and Lycoming O-360 Service Manual. Compression: #1 - 78/80; #2 - 79/80; #3 - 79/80; #4 - 78/80. Checked magneto tim Inspected spark plugs. Replaced oil and filter. Installed Champion CH48110 filter and 8 qu of Aeroshell 15W-50 oil. Replaced air filter element. Repaired right forward and right aft en baffles. Engine run up satisfactory. No leaks noted. All recurring AD's complied with thr 96-20. Routine servicing performed in accordance with Service Manual.	arts - gine
I certify that this engine has been inspected in accordance with an Annual Inspection at was determined to be in an airworthy condition. James C. Houston Jr. A&P 2257649 IA of a Certificated Mechanic, an	d his
Brought Forward and Certificate Number MUST b	e Sr

Total to Date

ENGINE LOG SERIAL No. ____

DATE	TIN	ΛE			LICENSE
1998	Hrs.	Min.	REPAIRS - ADJUSTMENTS - SERVICE	CE- REMARKS	SIGNATURE NUMBER
11			TACH 3457,3	4.	
A. T. T.			TSMOH 76,47		
100		,4	All ADS Check	120 They 97-15-11	
			- CEATIEV		
			I CERTIFY I	HAT THIS ENGINE AIRERAN	AE
			HAS BEEN	INSPECTED IN ACCORDANCE	E
		-		NNUAL PIOD HR INSPECTIO	
				BEEN FOUND IN AIR WORTH	
				ON THIS DATE	
			AAP 458949	1911.A MICHELR WILLIAMS	
			<u> Hillera</u>	XXIIIIIIIII	
			Page Total	All Repair Data Must Bear	
			Brought Forward	of a Certificated Mechanic and Certificate Number MUS	
			Total to Date		

FNGINE LOG SERIAL No.

			ENGINE EOO SERIAE 146.2
DATE 1998	TIN Hrs.	ΛΕ Min.	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS SIGNAT
5/17			TACH 3496.75 DIL & OIL FILTER CHANGED BY OWNER
			PLUES & DIL FILTER SARTY WIRIT YEARLE
8/15		<u> </u>	MOH 3530,00 On & On FILTER CHAMGED BY DWINER, A
			& CHAMPION ON FILTER SATETY WIRED Fly B. P.
10/11	-	-	TACK 3544.32 Ropeacos AIR FILTER ELEMONT FLATS

12/1

1/25/99

Page Total

Brought Forward

Total to Date

TACH 3552.08 UIL FILTER CHAMEND BY ON HEER, AGROSM & CHAMPION DIL FILTER. SAFETY WIRD FULLS. Alexand TACH 3577.26 OIL; OIL FILTER CHANCOUNTSY OWNER. APROSHE

& CHAMPION OIL FLETON STETY VIRONS Frost All Repair Data Must Bear the Endors of a Certificated Mechanic, and his

and Certificate Number MUST be Sho

		ENG	INE LOG SERIA	L No	1	ENG	SINE LOG SERIAL No.
DATE	TIME Hrs. N		ERVICE - REMARKS	LICENSE SIGNATURE NUMBER	DATE TIME Hrs. Min.	REPAIRS - ADJUSTMENTS -	SERVICE- REMARKS SIGNATURE
1-19-99		checked mag. Timing to IN stalled overhouled M systems, INC. 4/0# 4803 right + left eng. buffle so presence live IN 660156 N/a by 5/N of vacuum po	Checker compression 71.76 #2. r eng Installed all New REM filler Ph 850-49, muffer overha g. Raplaced all explaint gashots h Ph 600029-1 and 600029-2. -907. Lubicated all eng. Contre eng. Installed a contr. heat his en It 111502-64-0140 and eng. mount members. Winhed	38 & spark pluge. Wed by Air oraft exhaust Ph 77611. Replaced Replaced manifold Se. Yw A D. 98-23-01, y over have hit p 6006-90. 1118-417-64-0184.	CONTINUED	THIS ENG. HAS BEEN	THE PROPERTY OF THE PROPERTY O
		Page Total Brought Forward Total to Date	All Repair Data Must Bea of a Certificated Mechan and Certificate Number M	r the Endorsement nic, and his Rating		Page Total Brought Forward Total to Date	All Repair Data Must Bear the Endors of a Certificated Mechanic, and his and Certificate Number MUST be Sho

FNGINE I OG SERIAL NO RI 6985-36A

	ENG	GINE LOG SERIAL No. RL6985-36A			ENG	GINE LOG SERIAL No.
DATE	ME s. Min. REPAIRS - ADJUSTMENTS -	LICENSE SERVICE- REMARKS SIGNATURE NUMBER	DATE	TIME Hrs. Mir	1. REPAIRS - ADJUSTMENTS - S	SERVICE- REMARKS SIGNATURE
5/1/99 5/1/99 7/17/99	METTER, MONIE FOUND METTER, MONIE FOUND MINER. (ALL SAFE TACK 3606.01 ADD TACK 3624.51 OLL 15050 ADDED. CH	ON FICTER CHAMGES BY OWNER, AGROSHERA ADDED, CHAMPION ON FILTER MSPICED FOR DIL SAMPLY SEMT FOR ANALYSIS About 3. About MICROLOM TO ON ON FICTER REPLACED BY OWNER, AGROSHERA HAMPION OIL FILTER INSPECTED FOR METAL, NORE E SENT IN FOR ANALYSIS. ALL SAFETY DITRES 43, TTE 2805 ADDED ON FILTER CHAMPION OIL FILTER INSPECTED FOR METAL, NORE E SENT IN FOR ANALYSIS. ALL SAFETY DITRES	10/23/98		CH 48110) CHAMGED REPLACED CHAMPION (NONE FOUND). O WITHE REPLACED TACH 3688.88 OIL CH 48110) CHAMGED SAFETY WIRT REPLACED	(AEROSHELL ISOUSO) AND DIL FILTER (CHAMP BY OWNER. AIR FILTER (BRACKET BA 610 OIL FILTER ELEMENT INSPECTED FOR METHL IL SAMPLE SENT IN FOR ANALYSIS. SAFET TSMO 272, TTE 2834 B ALL (AEROSHELL ISUSO) AND OIL FILTER (CHAMPE BY OWNER. OIL SAMPLE SENT IN FOR AMALYSIS. D. FILTER CHECKEN FOR METHL NONE I 2859 B ALL OWNER
	Page Total Brought Forward	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	*		Page Total Brought Forward	All Repair Data Must Bear the Endorsem of a Certificated Mechanic, and his Ra and Certificate Number MUST be Shown
	Total to Date	and Certificate Number MUST be Shown.			Total to Date	

ENGINE LOG SERIAL No.	
REPAIRS - ADJUSTMENTS - SERVICE - REMARKS SIGNATURE NUMBER	DATE
TACH 3703.74 OIL CHAMGED (AEROSHOR ISUSO) & DILTILTOR (CHAMPION)	CONTINUED
CH 48110) CHANGED, DIL SAMPLE SENT IN FOR ANALYSIS . TICTER INSPECTED	
FOR MOTH (MONE FOUND), QIL FILTOR SMITTLY WIRED TSMO 322	
TTE 2884. ODMOR 43 AL	
The second secon	
You a ANNUAL inspection. Checked compression, #1.75 #2, 76 #3.78 #4.76.	
Checked mag. Timing To eng. INSTALLED all NEW Spark plugs PAREM38E.	3/19/00
Replaced air filter 9/ 3A-6/08. Replaced exhaur Tou pipe sorius 4 916006-000.	

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating

and Certificate Number MUST be Shown.

INSPECTED exhaus 5 system, starter, and Atternator Lubricosed all ene. controls.

INSTAlled airloil seperator, See 337 This date. Washed and row up eng.

TIME

Hrs. Min.

Page Total

Total to Date

Brought Forward

DATE

1-00

M.O.A. 339-0

ENGINE LOG SERIAL No. _____ SIGNATURE REPAIRS - ADJUSTMENTS - SERVICE - REMARKS 1.1. IN SERVICE 339.0 T.S. M.O. H. AD'S CHECKED THRU: 00-03 | CEPTIES ::-Dugosh Aircraft Serv. Co., Inc.

P. O. BOX 931 PHONE 257-7230 KERRVILLE MUNICIPAL AIRPORT KERNVILLE TEXT 79020

of a Certificated Mechanic, and his Ratir

and Certificate Number MUST be Shown.

WITH A ANDREW INSPECTION AND WAS DETERAL NEE O BE IN AIRWORTHY CONDUTION. SIGNEDA (L) QUEL B. OLLON NUMBER: 454370443 TAA

Brought Forward

Total to Date

TATE 3 / 00

TIME

Hrs. Min.

TACH 3728.49 TSMOH 347.4 (), CHAMGED (AEROSHELL ISUSO) & OIL FILTER 3/19/00 (CHAMPION CH 48110) CHAMPED. OIL SAMPLY SUBMITTED FOR AYALISIS, FI INSPECTED FOR MOTAL, OIL FILTER SAFETY WIRED, TTE 2909. OWMER LLOYD STEARHS All Repair Data Must Bear the Endorsemer Page Total

ENGINE LOG SERIAL NO. RL (985-344

TIME

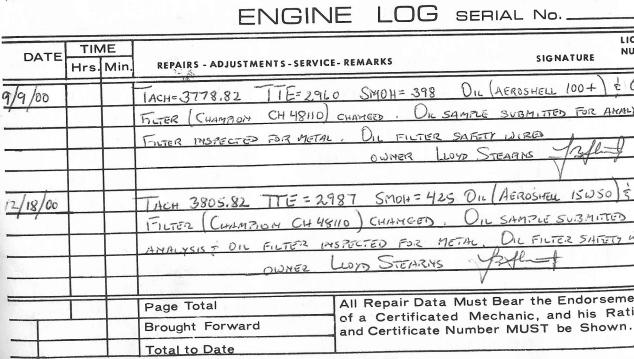
Hrs. Min.

DATE-

7/15/00

7/28/00

	VE EOO SERIAL NO.
REPAIRS - ADJUSTMENTS - SERV	LICENSE VICE- REMARKS SIGNATURE NUMBER
(CHAMPION CH 48110)	CHANGED. OIL (AGRESHELL 100+) & DIL FILTER CHANGED. OIL SAMPLE SUBMITTED FOR ANALYSIS R METALS. OL FILTER SAFETY WIRED TTE 2932 VS FLAL
AND ROTATED ACCORDI	HIC TO LYCOMORE SPECIFICATIONS
Page Total Brought Forward Total to Date	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.



	ENGINE	LOG	SERIAL No	
REPAIRS -	ADJUSTMENTS - SERVICE - REM	ARKS	SIGNATURE	LICENSE NUMBER

			ENO	
DATE	TIN	ΛΕ Min.	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	
CONTÍNUE	0-	>	ran up eng.	-
			AD'S CHECKED THRU: 0/-5 CERTIFY TH	A)
			THIS ENG. HAS BEEN INSPECTED IN ACCORDANG	ÇE

Page Total

Total to Date

Brought Forward

TO BE IN AIRWORTHY CONDITION. NUMBER: 454370443 TAA

SIGNAL

All Repair Data Must Bear the Endorseme

of a Certificated Mechanic, and his Rat

and Certificate Number MUST be Shown.

10/01			TACH 3832.06 TTE = 3013	SMOH = 451 OIL (AFROSHELL 100 PLUS) AND OIL			
	AND TO		FILTER (CHAMPION CH 48)	10 CHAMGED. OIL SAMPLE SUBMITTED FOR AMALYS			
			AND OIL FILTER IMSPECTED	FOR METAL, DIL FILTER SAFETY WIRED			
			OWNER LLOYD STE				
A GALLERY	2			V , v			
01	3840	.5	% ANNUAL INSPECTION.	checked compression #1. 79 #2. 79 #3, 79 #4,79			
n.o.H.	459.	5	checked mas Timins To	ENS. Cleaned and regapped spark plugs.			
EggCo. gr	Day C	037	INSTAlled NEW Airfi lier	8/N 3A-6108, Lubricoged all eng controls.			
			THEODOTTEN STORTER ALTERNA	Tor and exhaust system. Exhaust Tail pipe			
			rebuilt by Aircroff Exhau	st systems, INC. W/o NO. 54708. Washed and			
	Maries la	121	Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating			
			Brought Forward	of a Certificated Mechanic," and his Rating and Certificate Number MUST be Shown.			
		Total to Date					

TIME

DATE



SERVICEABLE

Mfgr._

Component al pioc
Model M. 70 C
Part # 637-35
The aircraft component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service Pertinent details of the repair are on file at this repair station under
Work Order No. 5-4708
Date // H-11-01
Signed Hreen
Aircraft Exhaust Systems, Inc. P. O. Pox 159 New Autumn Estates Road Jumping Branch, WV 25969
(304) 466-1724
FAA CERTIFICATED
REPAIR STATION NO. XHYRO68L

ENGINE LOG SERIAL No. _____

DATE					LICENSE NUMBER
	Hrs. N	/lin.	REPAIRS - ADJUSTMENTS - SERVIC	E- REMARKS	SIGNATURE
6/16/01			TACH 3856.36 TTE= 3037	SMOH = 475 OIL ()	EROSHELL 100 PLUS) AND
	e britania a		OIL FILTER (CHAMPION	CH 48110) CHANGED	OIL SAMPLE SUBMITTED
			FOR AMALYSIS AMID OIL FI	FER INSPECTED FOR	METAL, ON FILTER
	AMILE ALL		SAFETY WIRED. OWNE	R: LLOYD STEARNS	\$13.AL+
8/10/01			TACH 3883,00 TTE= 3064	SMOVE- COL DI LEV	20150) 100
0/19/01			OIL FILTER (CHAMPION CH 481	1	/
			AND OIL FILTER INSPECTED FOR	METAL, SPARK PLUGS	CLEANED GAPPED AND ROTATED
			FILTER SATETY WIRED	OWNER: LLOYD STEAT	eres of 13xl-f
					V
	et jii is		Page Total	All Repair Data Must E	
	Lancker		Brought Forward	of a Certificated Med and Certificate Number	*
			Total to Date		

ENGINE LOG SERIAL No. TIME SIGNATURE REPAIRS - ADJUSTMENTS - SERVICE - REMARKS TACH 390897 TTE = 3089 SMOW= 526 OIL (EXXON ELITE 20WSO) AND FILTER (CHAMPION CHANGED, OIL SAMPLE SUBMITTED FOR AN AND OIL FILTER INSPECTED FOR METALS, AIR FILTER ELEMENT BRACE REPLACED. UL FILTER SAFETY WIRED, GATTERY FLUID ADOLD

SAFETY WIRED .

Brought Forward

Total to Date

Page Total

OWNER

DATE

10/27/01

NOMES! LLOYD STEARYS MEHL TIACH 3937.91 TIE = 3118 SMOH = 5\$5 OIL (EXXON ELITE 20WS) AND OIL FIL

(CHAMPSION CHUBIO) CHANGED. VIL SAMPLE SUBMITTED FOR AMALYSIS (ADA

LLOYD STEARNS MBYL-

AND OIL FILTER INSPECTED FOR METALS. AIR FILTER NOT REPLACED. DIL

All Repair Data Must Bear the Endorseme of a Certificated Mechanic, and his Rati

and Certificate Number MUST be Shown.

FNICINIF I OG SERIAL NO.

TIME

Hrs. Min.

DATE

11/11/01

1/13/02

L140114	
REPAIRS - ADJUSTMENTS - SERVIC	E- REMARKS SIGNATURE NUMBER
TACH=3938.76 TTE=3119 SMO	H=SSG REPLACED ALL SPARK PLUGS AND GASHETS RE. DWHER 1.3. STEARNS ALL ALL
CLEMED ANDGAPPED ALL S	MACS TIMED BY BERT AVIDENDIN INC
	2014826 A0P
TACH = 3969.00 TTE = 3149 SM	104= S8L . CHAMGED DIL WITH ENON ELITE 20USO
ERERACED OIL FILTER WITH (LINESPERSED FILTER FOR METER	HAMPION 48110. CHECKED BATTETY FLYIN LEVEL.
Page Total	All Repair Data Must Bear the Endorsement
Brought Forward	of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
Total to Date	

NGINE	LOG SERIAL	No.

					_
DATE		ΛΕ Min.	REPAIRS - ADJUSTMENTS - SERVIC	E- REMARKS SIGNATURE	LI
6/02	A 91	10 Jul	TACH = 3994.00 TITE= 3174 SI	MOH = 611. CHANGED OIL WITH EXXDM ELITE 20	W
BALL.	(-			GLAMPION 48110, CHECKED BATTERY FLU	
			REPLACED AIR FILTER WIT	& BRAKETT ELEMENT WITH BA-4108	
			OWNER, LIB, STEARNS	s tsket	
				V	
1-02	3995	14	C/W ANNUAL INSPECTION. 1	checked compression #1.78 #2,79 #3.	7
12.14	T.S.n	7.0.H.	Checked mag Timing TO	eng. Installed RT. and LT. mag. H.	a
			ASSY. PN CH12364. Lubr	cated all eng. controls. Inspected starte	r
				ustalled repaired alternator Pln 015-0	
	70			epaired by Inter AV INC. W/O NO. 805.	
	'a41 Ha		Page Total	All Repair Data Must Bear the Endorsem	e
			Brought Forward	of a Certificated Mechanic, and his Rai and Certificate Number MUST be Shown	ti
				Land Continuate Number MOST be Shown	•

Total to Date

Replaced Brush Blk. Resistor Insulator and is approved for return to service. Pertinent details of the repair are on file at this repair and inspected in accordance with current regulations of the Federal Aviation Administration APPROVED REPAIR STATION NO. 243-10 DATE 4-17-02 SIGNED The aircraft;, airframe, aircraft engine, propeller, or appliance identified above was repaired INSPECTOR REMARKS KOMOLICAL & W.D. Pulley, Instal PART NO. 015-01237 PART NAME WORK ORDER NO. CUSTOMER'S NAME Al rormatou 00 SERVICEABLE PARTS TAG X 461135789 CUSTOMER ORDER NO. 10MCTE PART MFG. 4-5 > 68

		SERIAL No.			ENGIN	VE LOG SER	IAL No.
DATE HIME REPAIRS - ADJ	JUSTMENTS - SERVICE - REMARKS	LICENSE SIGNATURE NUMBER	DATE	TIME Hrs. Min.	REPAIRS - ADJUSTMENTS - SERVI	CE- REMARKS	LIC SIGNATURE NU
Vac. pump 1 Ph 37A19773- Valve surles #3, #4 Valve	pion Vac. pump PINCH215CC S nouring gasker PIN 6/183. IN 376. TW TEXTION Lycoming. M. 3 Next due in 400 hrs. or To 25906 cover gaskets. Replaced all ext	15Talled New alternatur belt \$. B. Mo. 1425 reimed exhaus ach 4395.14. Replaced #1,#2, haust push rad housing oring	25	71 Vv TC	ATE 4-19-02 T.T.IN SERVICE BYS CHECKED THRU: 22-06 HIS ENS. HAS BEEN INSPECTED IN WITH A ANNUAL INSPECTION AND W O BE IN AIRWORTHY CONDITION. IGNED: AWA BONN IGNED: 45 4370443 TJA	I CERTIFY THAY	m.o. H.
Lycoming M.	enlaced vac. pump housing oils \$.3. No. 518 C inspected Thermose eng. No oil leaks Noted at the laced prop. Oring MPR1909-6. CONTINUE	STATIC by pass value. Washed is Time. Returned ourcraft To	= 8/25/0z		TACH 4019.89 TIE: 3200 SMOH = 637 CHANGED OIL DIT EREPLACED OIL FILTER DITH CHAMPION 48110. CHECKED SATETY DIRED OIL FILTER: CLEANED OIL TEMPERATURE S CONNECTOR OWNER! LLDYD STEARTS JELTS:		
Page Total Brought Forw Total to Date	of a Certificated and Certificate Nu	Must Bear the Endorsement Mechanic, and his Rating umber MUST be Shown.			Page Total Brought Forward Total to Date	All Repair Data Must E of a Certificated Med and Certificate Number	hanic, and his Ratir

ENGINE	LOG	SERIAL	No	
				LICENSE

ATE	TIME			LICENSE
	Hrs. Min.	REPAIRS - ADJUSTMENTS - SERVIC	E- REMARKS SIGNATURE	NOMBER
01/02		TACH 4053.75 TIE= 323	4 SMOH = 671 CHAMGED OIL WITH E	MON ELITE
1	Maria de la companione de		R D/ CHAMPION 418110. CHAMBER AIR	
		WITH BRACKET FILTER ELEN	10HT BALIOS, CHOCKED BATTORY FLL	TEVEL .
		SAFETY WIRED OIL FILTUR	. OWNER: LIDYD STEARNS THE	3-le+
		7/31 8 : 2 31 1 30 7	V	4
102		TACK 4078.85 TIE = 325	9 SMOH= 696 CHAMGED OIL WITH ES	GEON ELITE
	1504		Rad/CHAMPION 48110. CHAMEND/ROPA	
		WIRE BERUP BATTER TO	UIT LEVEL. CLEDNES, GARZET, AND R	ふてかすで)
		SPARIK PLUCS	D I	
		Dwresz!	LOTO STENERS HOSPLED	
2 me a		Page Total	All Repair Data Must Bear the Endor	
		Brought Forward	of a Certificated Mechanic, and his and Certificate Number MUST be Sh	
		Total to Date		Protection is above to the second

	TIN	1E	CERVICE- REMARKS	SIGNATURE
DATE	Hrs.	Min.	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	1 CO IDOHOUS-ANNU
15.2	1488	-15	The Annual Inspection per Mooney Airy	#1 21 #2 22 #3 75 #4.76
4-25-03	2000	15	Turneton Guide Checked Compressions	1 Kalues Rook
ENS. T.T.	30,700	15	Checked was Timing To eng. Cleaned and	Here controls. Inspected
T.S.M.O.H.	1)03.	1	per airfilter Play BA-6108, Lubricated a	11 lies of stores
-	-		expans 1 system alternator, starter Install	PALNOWSKY TE 3 NO 5/8C
	-		PN 149-1215 SNF21-130324. YWF	Gr. Gr.
	+	1	Inspected thermastatic bypass valve. Wa	shed and ran upens.
	+-	-	ATE 4-25-03 T.J. IN SERVICE 205-1	5 T.S.M.O.H.
2500	+	3 1 240	THIS ENS. HAS BEEN INSPECTED IN ACCORDAN	
(C) 1-1-1-1-1-1	+	200	TO BE IN ALPWORTHY CONSTITUTION	+ Boar the Endorsement
	-	+	Page Total	Must Bear the Endorsement d Mechanic, and his Rating
			Brought Forward 437044 and Certificate	lumber MUST be Shown.
		+	Total to Date	
- 1	-			

LICENSE

SIGNATURE

FAA/PMA APPROVED

THIS STARTER WAS MANUFACTURED FROM ALL NEW COMPONENTS IN ACCORDANCE WITH FAR 21.303(h) UNDER AUTHORITY OF PMA NO. PQ0852SW AND IS AIRWORTHY. THIS STARTER IS FAA/PMA APPROVED AND IS ELIGIBLE FOR INSTALLATION ON LYCOMING 235, 290, 320, 360, 540, & 541 SERIES ENGINES. ENTER STARTER MODEL, SERIAL AND DATE OF INSTALLATION. ATTACH THIS TAG TO ENGINE LOGBOOK.

MODEL 149 - 1218 SERIAL F24 - 130324

DATE OF INSTALLATION 4-25 -03

TT IN CENTRE OF THE

~ ·	ENGI	NE-LOG SERIAL No			ENG	SINE LOG s	ERIAL No
DATE TIME		LICENSE VICE- REMARKS SIGNATURE NUMBER	DATE	TIME Hrs. Min.	REPAIRS - ADJUSTMENTS -	SERVICE- REMARKS	LIC SIGNATURE NU
7/6/03	TACH=4102.01 TTE=32	82 SMOH= 719 CHANGED OIL WITH EXXON ELITE	12/19/03			STE SMOH = 810 CHANGED &	_
	20 WSO & REPLACED OIL FILL AND CLEAMED BOTTOM PLUE	TOR WITH CHAMPION 48110. CHECKED ATS ATTORY FLUID S. OWNER: LLOYD STEARNS JUB JUB			REPLACED DITH CHAMPION	CHUBNO OIL PILTER. CHE 13 fh-f	CKED BATTERY FLUID. (
8/7/03	TACH = 4131.72 TTE = 331	2 SMON = 749 CHAMGED DIL DITH EXCON ELITE	3/21/04		1ACH 4218.45 TTE = 33	399 SMOH = 836 CHAMGED	OIL WITH EXXON ELITE 2
	20 W So & REPLACED OIL TO	JER WITH CHALLENGER CP48110. CMECKED BRITERY LUGS DWMER: LLDYD STEARNS 13-44-				37 BY. CHECKED BATTERY	_
10/11/03	TACH =4168.13 TTE = 331	18 SMOH= 785 CHAYGEDON EXON ENTE YOU'SO FREPLACED	h		\$13 Ship		
	BATTERY FLUID. COMMON BRANCH	M) CP48110. CLUMNEDZ ROTATED SPARK PLUES, CHECKED WET AIR FILTER BALIOS OWNER LLOYD STEARNS JS SIL					
	Page Total Brought Forward	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating			Page Total Brought Forward	of a Certificated N	st Bear the Endorsemen Iechanic, and his Ratin ber MUST be Shown.
	Total to Date	and Certificate Number MUST be Shown.			Total to Date	and Certificate Num	ber MUST be Shown.

	SERIAL No.			ENGINE LOG SERIAL No.				
ATE	(Engine log) Date: 07 May 2004 Total Hours Tach 4221.81 Total Time Engine 3403.21 TSMOH 840.71	SIGNATURE LICENSE NUMBER DATE Hrs. Min. REPAIRS - ADJUSTMENTS - SERVICE - REMARKS			SERVICE- REMARKS	SIGNATURE	LICENSE	
		20 1 N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12/14/63	7/11/24	TACH 4243,53 TIE=3	3424 SMOH = 860 CHAMGED OF	L WITH EXXONELLITE 201	USD AND
	Ran up engine, verified operation, mag drop, carburetor heat function. No apparent problems. NOTE- oil and filter recently changed by owner at Tach = 4218.8 and old filter and oil analysis	12. E. 13. E. 14. E. 1				M CH48110 DIL FILTER R		
	provided for inspection. Opened old filter and inspected – OK, no metal. Checked Compression as follows: #1-70/80, #2-73/80, #3-72/80, #4-75/80. Solvent washed engine, replaced all hoses shrouds and cowling. Ran up engine and observed all systems, gages, mag drop, and performed static run up. No apparent evidence of improper operation or leaks. This				SPARK RUGS. INSPEC	TED BASTERY WATER LEVELS	OWHER YOURS	ARMS
1 - E. P	work performed in conjunction with an annual inspection conducted this date. Refer to airframe logbook for annual inspection entry.	Erask på		10/2/04	1ACH 4272.81 TIES.	3453 SMOH = 889 CHAMEUD O	IL WITH EXXAY ELITE	200501
25 80 g 274 g	Shaun A. Schoener 07 may 2004 A&P 2822892 I certify this engine has been inspected in accordance with an 100 hr./annual inspection and is determined to be in airworthy condition.					DON CHUSIO-1 DIL FILTER.	N DO N	0 11
	Leith Carroll Morrison May 7, 2004 A&P 4635243291A							
A CONTRACT	Must Bear the Endorsement			Page Total	All Repair Data Mus			
		Mechanic, and his Fumber MUST be Show	•		Brought Forward	of a Certificated M and Certificate Numb		
	Total to Date	ACCOUNTAGE 1			Total to Date			American Militaria

ENGINE LOG SERIAL No. _____

DATE	TIME					LICENSE
	Hrs. N	∕lin.	REPAIRS - ADJUSTMENTS - S	SIGNATURE	NUMBER	
15/05	9.		TACH 4296.70 TTE=34	77 SMOH = 913 CHAMGED OIL W	ITH EXXON ELIT	TE 20 W S
	Walls		AND REPLACED ON FILE	ER WITH CHAMBON CH48110.	INSTECTED AND	STRVICT
			BATTERY WATER LEVEL	0 10 1	LLOYDE	3. STEARNS
				V	F	
	SLOC I		C Management of the control of the c			10/2/10
				06		
			CAR MEN			
			5.10			
ill tre-	0.000		Page Total	All Repair Data Must Bear		
			Brought Forward	of a Certificated Mechaniand Certificate Number MU		
			Total to Date	and oci timoate walliser we		

DATE	Service Bulletins, Letters
	Instructions & A D Notes
19-99 tach 3580.1%	A. D. 98-23-01 1/4 by 3/2 of vacuum sump. Larry 1. Jan

	11 10 01 00 01 10 0 7 1 2	2 1 40 000
2-19-99 toch 3580.17 A.D.	98-23-01 M/A by 3/2 of vacuum pump.	Larry 1. lan
2-19-99 tack 3580.17 A.D. 7	75-09-08, chockeelong, mount mamber	. Larry 1 Jan
2-19-99 toch 35-80-19 A.D. 9	6-09-06, installing Revel air fetter.	Larry J. Jenso
	. 0	



	SERVICEABLE	
Mfgr. Me	Danol	
Componer	MUFFLOY LOC	
Model M	20C	
Part # 8	58-49	
707.0		-

The aircraft component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 4829

Date 2-9-99

Aircraft Exhaust Systems, Inc.

P. O. Box 159

Broomstraw Ridge Road
Jumping Branch, WV 25969
(304) 466-1724

FAA CERTIFICATED
REPAIR STATION NO. XHYRO68L