2220L

TEXTRON Lycoming

ENGINE LOG

SSP-1872-1



652 Oliver Street Williamsport, PA 17701 U.S.A. 570/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF	TEXTRON LYCOM	ING IO-360-A	186	L-5220-51A
	MAKE	MODEL		SERIAL
FROM	-29-02	10 02 TO		19
DETAILING TIM	ME FROM		_ то	
		HOURS		HOURS
SSP 1872-	1 .	1994 by Textron Lycoming "All Rights Reserved"		October 1994

TEXTRON Lycoming

652 Oliver Street Williamsport, PA 17701 U.S.A. TLRED-489 (Rev. 10-96)

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All applicable 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.

Engine Model: Serial #:

L-5220-51A

Total Time: Work Order #:

Date Completed:

IO-360-A1B6

5032.4

AR172423

12/18/01

Authorized Signature

Textron Lycoming 652 Oliver Street

Williamsport, PA 17701

Repair Station: EJ1R115K

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, I	PA 17701 Date	
Туре	Model	Serial No.	
Rated H.P.	Max. H.P.	Weight (Dry)	
Rated R.P.M.	Max. R.P.M.	Oil Pressure	
Bore	Stroke	Displacement	Cu. In
Compression Ratio	Supercharger Ratio		
Reduction Gear Ratio			
Propeller	Hub Design	Hub Serial No.	
Blade Design	Blade Serial No.	Blade Serial No.	
Max. Hub H.P.	Max. Blade H.P.		
Pitch	Diameter	Length	
Name	and here in	anoT april 1	
Address	used statistics	CONTRACTOR OF THE STATE OF THE	

SERVICEABLE PART

Manufacturer	TEXTRON LYCOMING								
Part Name	AIRCRAFT ENGINE								
Model No.	IO-360-A1B6								
Serial No.	L - 5220-51A								
Remarks									
	r accessory identified above was: built								
⊠ Ov	verhauled								
☐ Re	paired								
and inspected in acco	ordance with current Regulations on Administration and is approved								
Signed Signature of	Authorized Person								
652	xtron Lycoming 2 Oliver Street Iliamsport, PA 17701 USA								
FAA Repair Station #EJ1R115K	Form 302A Rev. 3/0								
sement of a	gnature								
	Nu								

Data	Ti	me	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS		Signature	License
Date	Hrs	Min			Oignataro	Number
	N22	220L TACH	Lycoming IO-360-A1B6 I TIME 3900.45 TSMOH: 0.2		9-02	
		-	Lycoming Model # IO-360-A1B6			
			AW Lycoming / Beech B-24R mapection IAW Lycoming / Beech B			
and F	AR 4	3 (ap	pendix "D"). Ran engine, leak che	ecked. No defects or lea	ks noted.	
and F	AR 4	3 (ap	pendix "D"). Ran engine, leak che ne has been inspected IAW 100 h	ecked. No defects or lea nour and was determine	ks noted	
and F	AR 4	3 (ap	pendix "D"). Ran engine, leak che ne has been inspected IAW 100 h ition for test flight and return to so Michael Berry	ecked. No defects or lea nour and was determine	ks noted	
and F	AR 4	3 (ap	pendix "D"). Ran engine, leak che ne has been inspected IAW 100 h ition for test flight and return to s	ecked. No defects or lea nour and was determine	ks noted	
and F	AR 4	3 (ap	pendix "D"). Ran engine, leak che ne has been inspected IAW 100 h ition for test flight and return to so Michael Berry	ecked. No defects or lead nour and was determined ervice at this total time at the All Repair Data Must Bear to	ed to be and date.	
and F	AR 4	3 (ap	pendix "D"). Ran engine, leak che ne has been inspected IAW 100 h ition for test flight and return to so Michael Berry	ecked. No defects or lead nour and was determined ervice at this total time a	ed to be and date.	

NZZZOL JORDAN PROPELLER SERVICE, INC. Form W- 2 SERVICEABLE Cliff Hyde Flying Service NAME PROPELLER - GOVERNOR - BLADE - HUB Total to Date **Brought Forward** Page Iotal A210490 MODEL 1120809E SERIAL _ INDEX/ PITCH-HIGH LOW 320 OUTPUT PRESS. QT.PER.MIN. 2340 1040 MIN. RPM MAX. RPM REMARKS XX OVERHAULED REPAIRED All Repair Data Must Bear the Endorsement of Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. XX INSPECTED XX TESTED YOUR ORDER NO. 5764 OUR ORDER NO. MAINTENANCE RELEASE This stamped paper is an official document and shall be kept with the AIR-CRAFT'S OFFICIAL HISTORICAL RECORDS. Work accomplished under the above listed work order number is on file at this agency. The above component was repaired and/or inspected in accordance with the current FEDERAL AVIATION REGULATION, and approved for return to service. The mechanic making the installation must (M) FAA.48.9. DATE 02-07-02 SIGNED JORDAN PROPELLER SERVICE, INC. 6820 PICCADILLY . HOUSTON, TEXAS 77061 **FAA APPROVED REPAIR STATION EK2D797K** License CHANGE CLEANEI #2-77/80, # PRESSUR LUBED ST PROP ANI NSTALLI RE-TORQ DRAINEL ADJUSTE

ADE SER. N nufactur ed in the RVICE DE DWG. **ENGINE LOG** Serial No. Time License Date Signature **REPAIRS - ADJUSTMENTS - SERVICE - REMARKS** Number Min Hrs TACH. 3901.12 Hobbs 2310.0 Removed propeller governor model # A210490 Jordan propeller ARP 455936872 Page Total All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. **Brought Forward Total to Date**

ERVIC

ž A.D.

Date	Ti	me			Signature	License Number
Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REM	ARKS	Signature	
CHANGED (CLEANED A #2-77/80, #3- PROP AND (INSTALLED	OIL AN AND GA -77/80, # CONTR O NEW A CHECK RTER	MPS, C D FILT APPED 44-77/80 OLS. AIR FIL EXHA	TACH – 3998.42 LEANED ALL FILTERS AND SCREENS, ER, SERVICED WITH 7QTS 100W,WASHED ENGIN SPARK PLUGS, CHECKED COMPRESSION-#1-75/80 0,CHECKED TIMING-CHECKED O.K., LUBRICATED TER P/N- BA 7305 UST- CHECKED O.K.	imaged in a second in a second constitution of the constitution of	s also rational has coordance with an enter the second of	mad 100 fR
5/30/2002	TALL	3998	MOTES, RETURN TO SERVICE, Dung L	All Repair Data Must Bear to	452066901 IA	No DEFEIT

Date	Tir	ne Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	1113		1)		
6/20/02	TACI	1 40	37.38 HOBES 2475.7 PROP ASSEMBLY REMOVED FOR IMA	DECTION AND/OR OVER	HAUL
			AS DRA AD 2002-09-08. CHRENT PROP ASSEMBLY HAS PREVIOUS		
第 601-			TIMES OVER THE DECASES BUT HO PAPERWORK CAN DE FOUM	D TO SATISFY REQUI	REMENTS
			OF NEW SUPERCEDING AD2002-09-08, PROP ASSEMBLY DE	LIVERED TO RAND D	PROPELLER
			SERVICE OF HOUSTON, Dwy & aug to TA AP 4520	066901 IA	
7/9/02	TACH	403	7.38 HOBBS 2475,7 PROP ASSEMBLY RETURNS FROM R.		LE OH
			THEIR WO # (INVOICE) 12892 AS OVER HAULED WITH USED	SERVILLEABLE BLADS	ES OM
			SAME PREVIOUS HUB, INSTALL TORQUE AND SAFETY I/		-
1 10 10 1	1	NEX.	AIRCRAFT AVAILABLE FOR DEST FLUGHT BY CONTANY PILOT		
			Duny Langton II AP4	52066901IA	_
			2 7.1	ear the Endorsement of a	
			Brought Forward Certificated Mechanic,	and his Rating and	
			Total to Date Certificate Number MU	SI DE SHOWH,	

Date	Ti	me			i ent	License
Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - I	REMARKS	Signature	Number
7/11/02	TA	11 40	038,79 HOBBS 2478.0 AIRCRAFT S	SULLESSFULLY FLOWM B	Y CHIEF INSTRU	GOR. No
			DISCREPANCIES MOTED. AIRCRAFT A)
			Dury L. anington	III AP452066901	ZA	-
		100	0			
8/30/02	TACH	4094	57 HOBBS 2547.4 REMOVED FAI	LED VACUUM PUMP W	SHEAREA SHAF	T AMA
			REPLACED W/ HEWLY OVERHAULED			
			GASKET AMS MOUNTING HARDWARE,	VACUUM FILTER WAS	ALSO REPLACED.	OPS
			CHECK WAS GOOD AMD AIR CRAFT	T AVAILABLE FOR RETI	IRM TO SERVIL	€. ~
			- Drung Langton III	AP452066901 IN	1	-
			σ			
			Page Total	All Rapair Data Must Bear t		1.
		9	Brought Forward Total to Date	Certificated Mechanic, and Certificate Number MUST b		

Date	Time Hrs Min	REPAIRS - ADJUSTMENT	S - SERVICE - REMARKS	PINESTELLIA	Signature	License Number
N2220L	8-29-02	TACH-4094.06	TSMOH: 193.41	ENGIME TOTAL	TIME;	
APPROVED DRAINED A CHANGED (CLEANED A #2-78/80 #3- PROP AND (INSTALLED PRESSURE (LUBED STA	CHECKLISTALL SUMPS, OIL AND FILL AND GAPPEL 76/80 #4-78/8 CONTROLS. ONEW AIR FOR CHECK EXHARTER	CLEANED ALL FILTERS LTER, SERVICED WITH D SPARK PLUGS, CHECK O, CHECKED TIMING —	S AND SCREENS 7QTS 100W, WASHED KED COMPRESSION - CHECKED O.K. LUBR	ENGINE, inspe aiwor signe	ky theirthile allo <mark>vait/ne</mark> n xtad in accordance to ction and was delerm	th an enruel that to be in
		Brought Forward Total to Date	Certific	pair Data Must Bea cated Mechanic, ar cate Number MUS	ar the Endorsement of nd his Rating and Γ be Shown.	a

Date	Tir	me			Signature	License
	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - I	REMARKS	Signature	Number
8/30/02	TACH	4094	1.66 C/W AD 93-02-05 BY IMSPE	LTIOM OF INSELTIOM F	HEL LIMES AMO	CLAMPS,
			NO DEFECTS MOTES. Due ALLAN			
			RETURN TO SERVICE, ~ Duny	Carington III A	P452066901	IA~
2-2-02	4192	3	100 Hour inspection perform	ned in accordance	e wife FA	42 43
			Appendix D and Calking	s Aero check liss	- Changed	011
			and tilter, gerviced on	sine with Tata	Shell Gow	and
			Filler CH48110 Complied	with AD 93-02-	05 Leelin	rection
	1 10		line and clamp ing	pertion.		
			COMPRESSION CHECK	acedina por la companya di se men	e that he are a line of	de la
			#1 76/90#2 78/80#3 78/80#4 Confine	1/80#5 × 180#6 × 1	80	
			Page Total	All Repair Data Must Bear t	he Endorsement of a	
		199	Brought Forward	Certificated Mechanic, and	his Rating and	
			Total to Date	Certificate Number MUST b	e Shown.	

Date	Time				0:	License
Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REMA	ARKS	Signature	Number
1-2-02	419	2.3	continuation	egy The Scoot Public	es Prot sin	e se sel
			ALA SERVICE TO SERVICE AND ASSESSMENT OF THE SERVICE ASSESSMENT OF THE		A ANDERS TO	
	1	W. I	Drained all sumps, cleaned all filters &	William Commence		
			changed oil, washed engine alarma la	screens,	14474 37 1 2 3 5 5	
	5 15 75		changed oil, washed engine, cleaned & plugs, checked compression ?	gapped		
		RN	plugs, checked compression & timing, lu	bricated		
			I certify that this alson	nso rangina has b		
	100	100	IMMUSALMO IILBOORD	man width an annu !	The last of	
			Character on 80 9/83 9	estermined to be in	74004	
			Stepod Dividing	13/1me 5324.04	WO # 012121	
	P. B.		CALKINS AERO	SERVICE INC		
			FAA Certified No. GK2F	Repair Sta		
				II Repair Data Must Bear	the Endorsement of a	
			Brought Forward C	ertificated Mechanic, and	his Rating and	
			Total to Date	ertificate Number MUST	be Shown.	

Dete	Tir	me			amit.	License
Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - R	EMARKS /	Signature	Number
2/18/03	TACH:	4288	. SE TSMOH: 387.91 ENGINE TOTAL	TIME: 5420,3 ~ 1	PERFORMED 100 HA	IMSP I/A/
NT 001	Hat		14 CFR FAR 43 APPEMBIX P AMD BI	ERLH BLYR M/M. RAM	ENGINE CONFC	AKCK # 1 79/8
m.A 2	e la	nn 317	=2 7/80 #3 79/80 #4 78/80 DRAINE	SOIL CHECKED AMS CL	EAMRS OIL SCRE	RM. REPLACED
			FILTER W/ MEW CH48110 AMD SERV			
			SERVILLED AMD ROTATED SPARK AL	MGS. MAG TIMING CH	ECKES AMS MO	ADJUSTMENT
Ser an		15302	MERDED, SERVICED ALL FUEL INS	EUTORS, WW AD93-0	2-05 BY IMAN OF	IMJELDOM
1440		o.A.	FUEL LIMES AMD CLAMPS, NO DEF	ICTS MOTED. DUE AGI	I'M MEXT 100 HR	s, Lupro
		N. S. G	STARTER. LUBED CONTROLS, NOTES	OIL LEAKS, FOUMA 3	CASE HALF BOLT	S LOOSE -
			TORQUES TO SPECS, OIL COOLER LI	MES DALLESSON SECTION	TOROUGO TO S	PACS.
			DURING RUM-UP - L MAG WOULD MO	T OPERATE SMOOTHLY -	INSTALLED (LO	IT MEXT PAGE
			Page Total	All Repair Data Must Bear t	the Endorsement of a	
			Brought Forward Total to Date	Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		

Total to Date

Serial No. Time License Date Signature REPAIRS - ADJUSTMENTS - SERVICE - REMARKS Number Min Hrs 2/18/03 4288,56 (CONTINUATION) ... 4 HEW REM 38E PLAGS FOR LMAG. RUM-NO WAS GOOD, NO DIL TACH LEAKS MOTES. - I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W 100 HR INSP AND WAS DETERMINED TO BE IN AIRWORTHY WIND, THOM AND AVAILABLE FOR PETURA TO SERVICE, - Dury Laugh II AP452066991IA TACH 4288,56 AD93-02-05 SUPERSED - C/WAS 2002-26-01 BY VISHAL IMSPECTORY 2/18/03 OF FUEL INJECTION LINES AND CLAMPS. NO DEFECTS NOTED. DUE AGAIN MEXT 100 HAS TILLS. ALREADET AVAILABLE FOR RETURN TO SERVICE. Dury Laureton III AP452066901 FA Page Total All Repair Data Must Bear the Endorsement of a **Brought Forward** Certificated Mechanic, and his Rating and

Certificate Number MUST be Shown.

Data	Time		Date Tin			Ci	License
Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	Number		
5/16/03	TALL	43	83,54 TSMOH: 482,89 EMGIME TOTAL TIME: 5515,28	~ PERFORMES	100 HR Ins		
50,0 171	(all Al		IJAIW 14 CFR FAR 43 APPEMBIX "A AND BERCH BLYR M	IM. RAM EMOR	ME. COMP		
YE 12	3104	N.	CHECK # 179/80 #2 79/80 #3 79/80 #4 78/80, DRAIMES	IL, CHECKES AM	D CLEAMED		
MA W	1100	310	OIL SCREEN. REPLACES FILTER W/MEW CHYBIO AND SE	RUICES W/ 8 QTS	W100		
250.000	13-5	0	AEROSHELL OIL. CLEAMED, SERVILES AMD POTATED SAAR	K PLUGS. MAG	MMIMI		
March 10		da	CHECKES GOOD- NO ADJUSTMENTS MADE, CLEAMED ALL.	FUEL IN TRUPPLE	1. C/W		
2xm-I	Han	WF3.5	AD 2002-26-01 BY VISUAL IMSPECTION OF FUEL IMJECTIO	M LIMES AMS CL	mos - No		
ARA 30		Ass	DEFECTS HOTED - DUE AGAIM MEXT 100 HRS T.1.5, LUE	TES STARTER AM	DEMINIME		
ALCOUR !	Alter	3	COMPROLS, IMPAKE, EXHAUST AND ELECTRICAL SYSTEMS	ALL CHELKES	600D,		
[A -14]	1		RUM-UP WAS GOOD- NO LEAKS MOTES - I WENTY				
			BERM INSPECTED TAIN 100 AN INSPECTION	LMS WAS DETTO	RMIMES		
			TO BE IN AIRWORTHY LOMBITION AND AVAI				

Serial No.

Date	Tir Hrs	me Min	REPAIRS - ADJUSTMENTS - SERVICE - REMA	ARKS	Signature	License Number
9/10/03	TACH	448	14 TSMOH: 579.75 EMGIME TOTAL TI	ME: 5612,14 - N	OTE: AIRCRAFT &	AS BEEN
1000	100	4 30 13	PARKED AMD DID HOT OVERFLY AMMUA	- PERFORMED 10	OHR IMSP I/A/	W 14 CFR
CONADAS*	dest	à air	FAR 43 APPEMBIX D' AMB BRECH BZ	AR M/M. RAM EM	DIME, COMP CHE	CK #1 79/80
GHIL	12.15	9 \	#2 79/80 #3 79/80 #4 79/80. DRAIMES	OIL CHECKED AMS	CLEAMES OIL SY	WERM, REPLACE
(1840)	17.16		FILTER W/ MEW CH48110 AMD SERVI			
196/12	100	19.9	TESTES AND ROTATED SPARK PLUCIS, C	HELKED MAGMETO	TIMING - ADJUS	TED RMAG
34 - 16	A)ci	No. 1	FROM = 23° TO 20° AS MER EMGIME DATA	PLATE CLEANED	TURL INSTECTORS	INTAKE
MIND	ami	201	EXHAUST, FUEL AND ELECTRICAL SYSTEM	IS ALL CHICKES GO	OD, LUBEA SM	LETES AMA
,000	NZO	11.13	EMGIME COMTROLS, TIGHTEMES ALL	OIL ARTHRA LIMI	CLAMPS. YW	AD 2002-
	1643	218	26-01 BY IMSPECTION OF FUEL INJEC	TIOM LINKS AND C	AMPS (CONT	MEXT PAGE
	- 2 1		Page Total A Brought Forward Co	Il Repair Data Must Bear tertificated Mechanic, and	the Endorsement of a his Rating and	
			Total to Date	ertificate Number MUST b	e Snown.	

9/10/s

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9/10/

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Tir	ne		5144 BVQ	Signature	License
Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - R	EMARKS	Oignature	Number
TACH	441	80.4 (CONT) NO DEFELTS NOTES	- BUE ALIAIN NEXT	100 HRS TIS. Ru	H-UP WAS
5/1/25	5)	GOOD - NO LEAKS HOTED, - I	CRETTY THAT THIS EN	IMIE HAS BERN	MSPECTR
1123	68	I /A/W AMMUAL INSPECTION 1	AMA WAS DETERMINE	S TO BE IM AIR	WORTHY
9333	160	COMBITION AND AVAILABLE FOR R	RTURM TO STRUILE,		1
		Drung Laungto	III AP4520660	OITA	
TACH	448	0.4 DURING ABOUR STATES (AM	MUAL INSPECTION -	- REPLACED SCO	RCHES
Mile e	ir sa	IMPULLION AIR FILTER ELEMENT	W MEW BA7305 ELE	MEMT - OPS CH	Kek UNS
30A	20 14	GOOD - ALRCHAPT AVAILA BLE FOR RI	ETHEN TO SERVICE,	1 CATROJ	
		N 1 /		4	
1 - may	160	0		69 1/0/tg]	
		Page Total			1.,
		Brought Forward Total to Date			
	Hrs TACH	TACH 448	Hrs Min REPAIRS - ADJUSTMENTS - SERVICE - RI TALH 4480.4 (CONT) NO DEFELTS NOTED GOOD - NO LEAKS NOTED. — I I IAI W AMMUAL INSPECTION I COMBITION AND AVAILABLE FOR R DILLY A QUINTO TACH 4480.4 DURING ABOUR STATES AND IMBULTION AIR FILTER ELEMENT GOOD - AIRCRAPT AVAILABLE FOR RE DILLY A CHINGTON III Page Total Brought Forward	Hrs Min REPAIRS - ADJUSTMENTS - SERVICE - REMARKS TALH 4480.4 (CONT) NO DEFELTS NOTED — DUE ALLAIM NEXT OF GOOD - NO LEAKS NOTED, — I CERTIFY THAT THIS END I IA) W AMMUAL INSPECTION AMB WAS DETERMINE WHATTOM AND AVAILABLE FOR RETURN TO SERVICE, DAWY A QUANTO III AP4520669 TACH 4480.4 DURING ABOUR STATES AMMUAL INSPECTION — IMBULTION AIR FILTER ELEMENT W MEW BA7305 ELE GOOD - ARCRAPT AVAILABLE FOR RETURN TO SERVICE, DAWY A CLIMITANT III AP452066901 III Page Total Brought Forward All Repair Data Must Bear of Certificated Mechanic, and Certificated Mechanic, MISTOR	Hrs Min REPAIRS - ADJUSTMENTS - SERVICE - REMARKS TALM 4480.4 (CONT) NO DEFRITS NOTES — DUE ALLAIM NEXT 100 HRS TIS. RU GOOD - NO LEAKS NOTED. — I CERTIFY THAT THIS EMBIMIE HAS BEEN I IAI W AMMUAL INSPECTION AMO WAS DETERMINED TO BE IM AIR COMDITION AMD AVAILABLE FOR RETURN TO SERVICE. DULY A CHIMICA ABOUR STATES AMMUAL INSPECTION — REPLACED SCO IMPULTION AIR FILTER ELEMENT W MEW BAT305 ELEMENT - OPS CH GOOD - ALECRAPT AVAILABLE FOR RETURN TO SERVICE. Page Total Brought Forward All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificated Mechanic, and his Rating and

Brought Forward

Total to Date

Serial No. License Signature Time Number **REPAIRS - ADJUSTMENTS - SERVICE - REMARKS** Date Min Hrs TACH: 4577.61 TSMOH: 676.96 EMGIME TOTAL TIME: 5709.35 PREFORMED 100 HR IMSA I/A/W 2/9/04 14 CFR FAR 43 APPENDIX D AMD BEECH BZYR M/M. RAMEMGIME, COMA CHECK #) 79/60 #2 78/80 #3 79/80 #4 77/80. DRAIMES OIL, CHECKED AND CLEAMES OIL SCREEM, REALIES OIL FILTER W/MEW CH48110-1 AMO STRVICES W/ 8 RTS W80 ATROSAELL OIL. MAGMETO TIMING WAS GOOD AND MO ADJUSTMENTS MEEDED. CLEANED FURL INSECTORS. YW AD 2002-26-01 BY VISUAL IN SPECTION OF FUEL INTERSON LIMES AND CLAMPS. HO DREFELTS MOTES - DUR AWAIM HENT 100 HR TIS, LUBES STARTER AMS EMGIME COMTROLS, SERVICED, TROTES, AMA ROTATED SPARK PLUCS. TIGHTEMPO ALL OIL PRIMARY LIME CLAMPS AMO MUTS, TIGHTEMES ALL VALVE COURS SCREWS, # 1 EXHAUST RISER CLAMPS WERE FOUND CRACKED - REPLACED W/ MEW P/H 1555014-2 CLAMP ... (COMT MEXT PAGE) All Repair Data Must Bear the Endorsement of a Page Total Certificated Mechanic, and his Rating and

Certificate Number MUST be Shown.

Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REM	ARKS	Signature	License Number			
2/9/04	TACH	145	7.61 (CONT) HALVES AND MEWSTAINS	CSS HARDWARE. IS	DLATES AMIS SEC	IRED LOOSE			
			EMBINE COOLING BAFFLES FROM CONTI						
			Run-us was good. ALL OPS CHECKS GOO,	S. Mo LEAKS HOTES.	- I CERTIF	Y THAT TH			
			EMGINE HAS BEEN INSPECTED I/A	W 100 HR INSP AND	WAS DETERMINE	O TO BR IN			
	ga.ed		AIRWORTHY COMBITTOM AND AVAILA.	EWORTHY COMBITION AND AVAILABLE FOR RETURN TO STRUCE,					
	_		// /	L AP452066901					
					77 Jan 19	4 343 433			
						1			
		and the same	Page Total	II Repair Data Must Bear	the Endorsement of a				
			Brought Forward C	ertificated Mechanic, and	his Rating and				
			Total to Date	ertificate Number MUST b	e Shown.				

Date	Tir	me	TSMOH! 774.25 Calking Aero Service Inc.				License
Date	Hrs	Min	EMLIME. TOTAL	West Houston Airport		Signature	Number
5/7/04	TAC	4	5806.64	18000 Groe Houston	eschke Rd. n, TX 77084	0.5 12 13	454 1 + 1018
	467	4.9		Date: 5-7-04 N 22	220L Tach: 4674.9	Lal 16	
T TAVET	4-	0.5		ual inspection in accordance	re with 14CFR FAR 43 appendix'D' ar	nd A	
u de un	0344	PART	Calkins Aero Se	ervice inspection checklist.			
- Alexander		/ES/	#1 78/80,#2 CWAD 2002-2 Drained all sur 7Qts. Aeroshel lubricated pro I certify that the	76/80,#3 75/80,#4 75/ 6-01 Fuel Injection Lines, mps, cleaned all filters and Il 100W, washed ran and I p and controls. Cleaned a	para a by visual inspection. I screens, changed oil, serviced with eak checked. Checked timing and nd gapped spark plugs. ted in accordance with an annual	VA 1 1 1 1 1 1 1 1 1	
				ied Repair Station	Certificated Mechanic, and nis	prsement of	fa
			Total to Date	MOTOR MEDITINATE	Certificate Number MUST be	Shown.	

Sarial No.

	Tir	TSMOH: 873.02 EMGIME	TOTAL: 5405.41	
Date	Hrs	Min Cessna - ADJUSTMENTS - SERVICE - REMA	Signature	License Number
8/12/04	M _{CS}	Calkins Aero Service		
They	4A	West Houston Airport 18000 Groeschke Rd.	10/11/04 TACH	
		Houston, TX 77084	REMOVES FAIL	A LEUMO-
4773,67			: 4773.67 SYSTEMS STARTE	7M MZ-622
(603) 773	1 (3)	100 Hour Inspection Performed 100 Hour inspection in accordance with 14	CFR FAR 43 appendix S/H B101026 AMA	IMSTALLES
Aut of as	L (21/4)	'D' and Calkins Aero checklist. CWAD 2002-26-01 Fuel Injector Lines and Clamps, by	ES GRANDON PI	
ESTATES	0 34	Compression Test:	9M E083160	IALW BETCH
61A - 27	4613	#1 70/80,#2 70/80,#3 74/80,#4 75/80. Drained all sumps, cleaned all filters and screens, chan;	ged oil, serviced with AND LTLAMME, M/	1
ACCETA	59\ 0	7Qts. Aeroshell 100W, washed ran and leak checked. C lubricated prop and controls. Cleaned and gapped spar		ACAAFT
garan r		I certify that this engine has been inspected in accordant Inspection and was determined to be in an airworthy co		ETURN TO
E065 ***		Calkins Aero Service Inc. FAA Certified Repair Station	12/ STRVICE.	
		No. GK2R849K signed	Hung hani	yton II
		WO# 13732 Total to Date	tificate Number MUST b AP 4520669	1. 7. 1

2-4-	Ti	me	agent k		and a	License			
Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - F	REMARKS	Signature	Number			
112/04	TACH	148	4.60 TSMOH: 963.95 ENGINE	TOTAL TIME: 5996.34~	PERFORMED 100	AR IMP I/			
	26.3	43.4	14 CFR FAR 43 APPEMBIX D' AMB B						
Sit ut	dank		#3 79/80 #4 77/80 DRAIMES OIL, C	HECKED AND CLEAMED	DIL SCREEM, RE	LAUES OIL			
M Wes		320	FILTER W) HEW CH48110-1 AMS SE						
£26.35	11/1		MAGNETO TIMING AMS ADJUSTED	AGMETO TIMING AMS ADJUSTES RMAG FROM \$ 23° TO 20° AS PER EMLIME DATAPLATE.					
A. C.		31.5	CLEANES ALL INSTECTORS AMA LUB	ED STARTER BEMDIX ARI	VE AMS EMGINE	commous,			
A 455.	44.5	31.4	TWAD 2002-26-01 BY UISHAL IMSPECTION OF FUEL IMSELTION LIMES AND CLAMPS - NO						
-14		100	DEFECTS NOTED - DUE AGAIN ME	AT 100 HRS TIS, SERVILLE	TESRS AMA !	STATES AL			
1. 1-125			SPARK PLUGS, REPLACES ONE CRA	SPARK PLUGS, REPLACES DINE CRACKES PLUG W/ MEW REM38E. IMSECTED INTAKE,					
			EXHAUST, ELECTRICAL AMD FUEL S	ISTRAS, REPLACED #2	INTAKE CONT	MEAT PAGE)			
			Page Total	All Repair Data Must Bear t	he Endorsement of a	H.,			
	Brought Forward Certificated Mechanic, and his Rating a Total to Date Certificate Number MUST be Shown.								

			LITOITE LOG	ilai 140	
Date	Tir	ne		Signature	License
Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	Number
11/2/04	TAUH	1481	4.60 (COMT) GASKET W/ MEW 7/471973, REMOVES EXH	MUST SYSTEM BUR	TO CRACKS
1 1 S	833	A CA	WERE FOUND IN MUFFLER CAM. EXHAUST SYSTEM WAS INSPECT	S AMA REPAIRED	BY FLIGHT
34.2.37.3	3 32	× 200	VEHILLES AND RETHERS ON THEIR W.O. # 15910, PRINSTALLE	D THIS SYSTEM W	MEW 7761
) was	-420	4000	GASKETS AND HARDWARE. RYM-4P AMB ALL OPS CHECKS I	VERE GOOD, MO	LILAKS
S 10-8	25,52	52.0	MOTES. ~ I CERTIFY THAT THIS EMBIME HAS BEEN.	EMSPECTED I/	HW
SVA PER	44.0	6 PA:	AMMUAL IMSP AMS WAS DETERMIMED TO BE IM AIR	WORTHY LOMB,	TOM AML
Pro-13	5.9-	Are	APPROVED FOR RETURN TO SERVIUE.	N. Comments	
May 9	*103	البد	Dung Lampton II AP45206696	III	
1/2/04	TACH	486	4.00 - INSTALLES ONEW ELECTROSYSTEMS ALTERNATOR	PIN DOFF 103000	R
(334	49.3	12	THEO93380 DURING PREVIOUSLY STATES AMMUAL INSPEC		
			AMD AIRLRAFT APPROVED FOR RETURN TO STEVILE.	he Endorsament of a	
			Drung Lamyto II AP45206690	IIA	

Serial No.

Da

	Tir	ne			Signature	License	
Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - R	EMARKS	Oignature	Number	
3/25/05	TAU	+49	63.93 TSMOH! 1063.28 EMGINET	OTAL TIME! 6095.67	~ PERFORMED	100 AR IMSP	
THOTAL	= Lac	3,1 XQ =	I/A/W 14 CFR FAR 43 APPENDIX P	AMA BEECH BZYRM	M. LOMP CHELL	¥177/80	
U(T) (d)s	Chu.	1.22	#2 78/e0 #3 79/e0 #4 79/e0, D	RAIMES OIL CHECKES AN	S CLEAMES OU	SUEEM.	
23/4,2	1617	. (1	REPLACED OIL FLORE W/ MEW CHY				
			CHECKES MACHINETO TIMIMIL - MO	ADJUST MEMTS MEKATE	s. Yw AS 2002	-26-01 BY	
and w	THE O	400	VISUAL IMSPECTION OF FUEL INTE	WHOM LIMES AMA C	RAMOS - NO A	REFELTS MONES	
			DUE AGAIM MEXT 100HES TIS. CL	EAMED ALL INJELIORS, LYBES STARTER BEMAIX			
			DRIVE LUS EMGIME COMTROLS, S	ERVICES, TRESTED AMS	ROTATES ALL SP.	ARK PLUGS.	
	DIEC	EST	RESLAURS AIR IMPULLION FILTS	CR W/ MRW 1/4 BA730	5 - DUR ACAIM	MEXT 500 HRS	
2553.25	G les	1553	TIS OR AS MICEORD. INSPICUTED	IMPAKE EXHAUST FUR	Lin Cour MRX	+ PAGE)	
			Page Total	All Repair Data Must Bear	the Endorsement of a		
			Brought Forward	Certificated Mechanic, and Certificate Number MUST b	his Rating and		
			Total to Date	Certificate Number MOST t	e Silowii.		

Serial No.

Data	Ti	me			6:	License
Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - I	REMARKS	Signature	Number
5/17/05	TAC	4 50	32,58 TSMOH: 1131,93 EMGIN	HE TOTAL TIME: 61641	32 ~ PERFOR	ncs 50
730F 401	2953	भ इप्र	HOUR INSPECTION AS PER BER	CH B24R M/M RA	M ENGINE. A	RAMES OIL
1030		DUK.	AMA REPLACED OIL FILTER W/	MEW CH48110-1, SE	WICES ENGIM	E W BATS
LACTO	188	Jak	AEROSHELL WIOD O.C. MAG CHE	LLK WAS GOOD - NO ADS	UST MENTS MAR	E. CLEAME
Фат	365	41 1	ALL FUEL INSTECTORS, SERVICE	DAMA TRESTED ALL SPAN	a Plugs, REP	LACES TWO
1.5000	01 1	27955	SPARK PLUGS W/ MEW REM3BE'S	DUR TO FAILES PLUGS.	ENGINE IMA	MITTOM ANR
			FILTER FOUND W/ SLIGHT AAMA	GE FROM AN APPRARAM	BAUGFIRE, R	WILLES TH
			FILTER W/ MEW BA7305 - D	UR AGAIN TAM 5533	1.50. REPLACE	S VALUUM
			RELIEF FILTER W/ MEW B3-5-1.	REPLANTS Inspense	MY ALR FILTER	w/ MRW
			DOI-18-1, INTAINE, EXHADUST E	- LEUTRIAL AMS FURL	5457R45 (4	ONT MEXT
			Page Total Brought Forward	All Repair Data Must Bear t Certificated Mechanic, and	he Endorsement of a	
			Total to Date	Certificate Number MUST b		

Date

Date	Ti	me	DEDAUGE AD HIGHAFAITO OFFICIAL DESAADEO		Signature	License
	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REI	MARKS	Signature	Number
11/05	TAC	1 50	32,58 (COMT) ALL CHECKES GO	D. RAMENGIME -	No LIEAKS MOTES	,
			I CERTIFY THAT THIS EMBIMIC HA.			
			IMSPECTION AMS WAS DETERMIN	IBS TO BE IM AIR	WORTHY LOMA I TION	CMA +
			APPROVED FOR RETURN TO STEVICE.			
			Duny Lampton III	AP4520664012	A	
			σ 0			
					/*/	
HIMME	103.1		ANT CHEST AND A VICENCE TOR	AL MUDRA SIE LA	AM ALIGIO CONT	12881
AAA E	1 AA	963	A sea of without I Awaren care	1997 W 85,8528 S	as affect to	
A Tree	1 10. 6		Come of Land	WOLLD'S AREA	110 Aut SE	
		111011	Page Total	All Repair Data Must Bear	the Endorsement of a	
		36	Brought Forward	Certificated Mechanic, and	his Rating and	
			Total to Date	Certificate Number MUST be Shown.		

			5978 09					
Date I	DATE	C 11/29/2005 TACH: 0 TSM	IOH: 1169.87 icense					
	CHECKED COMPRESSIONS #1 60, #2 68, #3 73, #4 72. OWNER WAS INFORMED OF LOW							
			R THE REPAIR UNTIL A LATER DATE.					
			ALL FOUR CYLINDER DRAIN BACK HOSES.					
	CHANGED OIL AND FILTER. EXHAUST IS CONTACING THE BOTTOM COWLING DUE TO THE							
			OWNER WAS INFORMED AND CHOSE TO					
I	DEFER	THE REPAIR TO A LATER DATE.	A STORY OF THE PROPERTY COLUMN					
,	HRIS	TOPHER L. JOHNSON A&P 2680033	A CONTROLLING A THIS US					
115/05	TACI	4: 0001.8 NOTE: THIS AVRCRAPT DIA.	NOT OUERFLY AMMUNE IMAR. TSMOH: 1171.67 EMEIME					
			RAFA 100 HOUR INSPECTION AS PER 14 CFR FAR 43 AAA'					
		AMD BEECH BRYR M/M. CONT C	THECK # 1 57/80 # 2 76/80 # 3 77/80 # 4 78/80 (CONT MPA					
		Page Total	All Repair Data Must Bear the Endorsement of a					
		Brought Forward Total to Date	Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.					

Date	Ti	me		N 2220L #1 PISTON / CYLIMARA
Date	Hrs	Min	REPAIR	
12/15/05	TAC	4 000	1.8 (COM	OVERHAUL BY GIBSON AVIATION
100 At	KIB L		TO G18501	
3749	es.Δ		HAULED 0	6600K 12/15/05 TACH 0001.8
6,	A . Y		DRIVE OU	ACOUNT TIPES THEN COUNTS
			SHELL 100	
			TIMING-1	
			HOTEUTION	
			# FUEL A	
			MEW HARDL	PARE. KEINSTALLED EXHAUST SYSTEM W/MEW 77611 GASKETS AMS HARDWARE.
			PEROWNER	REGUEST - REMOURS AND REALACES ALL FOUR TAKING LOOM WALLE VEST
			Page Total	All Repair Data Must Bear the Endorsement of a
		296	Brought Forw Total to Date	Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

	Serial # 85927
Mfg. Lycomin	Model 10-360 A
Chromed by Serial #	ACA
Welded by: ECI	SAC Other
Serial #	
Guides Replace	
ntake # 66 7/3	10 20 30 40
Exhaust #758	38510 5 10 20 30 40
Seats Replaced	!
ntake #	STD 2 5 10 20 30 40
Exhaust #	- STD 2 5 10 20 30 40
Ports Milled	Studs Replaced
Remarks:	Suilt with
13622	e parts
14740	
	5+



SL3601-SC RING SET

FAA-PMA APPROVED FOR INSTALLATION IN
MILLENNIUM STEEL AND NITRIDE CYLINDER BORES
PISTONS

SL10207	SL75413A	LW13396
LW10208-S	75617	AL10208
LW11487-S	76258	
SL10545	76966-S	
74242	78203-S	
SL75089A	78762	

RINGS-TOP TO BOTTOM

		The second secon
	END GAP	SIDE CLEARANCE
1ea C SL74241A	.045055	.00250055L
1ea C SL74241A	.045055	.000004L
1ea O SL73857A	.015030	.002004L

*FAA-PMA

CAUTION:

THESE RINGS ARE NOT TO BE INSTALLED IN CYLINDERS WITH CHROME BORES

END GAP AT TOP OF TRAVEL SHOULD NOT BE LESS THAN .0075

GIBSON - AVIATION

"THE NAME TO REMEMBER FOR ENGINE

N2220L #1 PIS/CYL ASY

1821 W. Elm P.O. Box 880 El Reno, OK 73036 Phone (405) 262-4880

Certified Repair Station AV2R704K

Customer Cylinder Component Cylinder Part # 10 - 3/6 Remarks: Guide With Seal.	11 /0,	Mfg Serial #	Time of contract
Overhauled By	Ofe [Date /2-7-05	

MAINTENANCE RELEASE

The Aircraft Engine Component listed has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for Return to Service. Pertinent information is on file at this agency as required.

Date 12-7-05

Signed _

(Authorized Signature)

Date	Tir	me	REPAIRS - ADJUSTMENTS - SERVICE - F	REMARKS	Signature	License Number
	Hrs	Min				redilibor
2/15/05	TAL	4 000	1.8 (COMT.) PER OWNER REGUEST -	REMOVES # PISTON/ CHLIM	DER ASSEMBLY A.	MD SHIPPED
02 AX	AND A	emi	TO GIBSON AVIATION A.O. BOX BBO EL R	EMO, OK FOR EVALUATION	LMD ARPAIRS, RET	WEMS OURE -
374	whA.		HAULED ON GIBSON W,O, # 11654. REI	MSTALLED THIS ASSEMBLY	AS PER LYLOMING	DIAKET
1	A v		DRIVE OVERHAUL MAMUAL Ply 60294-7.	DRAIMES OIL AMS SERV	CED EMBINE W	B 193 ALRO -
			SHELL 100 MIMERAL DIL. SERVICES AN	A TESTED ALL SPARK PL	UGS, CHECKED MA	СМСТО
			TIMING - HO ADJUSTMENTS HREDED. 4	WAD 2002-26-01 BY VIS	IAL INSPECTION O	FUEL
			INJECTION LINES AMA CLAMPS - NO	DEFRUTS NOTED. DUR AL	AIM CTACH 101.B.	REIMSTALLES
			# FURL AND OIL RETURN LINES, IMT	AKR W MRW GASKET AMD	HARDWARE, AND	BAFFLES W/
			MEW HARDWARE. REINSTALLED EXHA	UST SYSTEM W/MEW 776	11 GASKETS AMS A	AROWARE,
			PEROWNER REGUEST - REMOURS AM	S REPLACES ALL FOUR EM	SIME LORD HOUMT	S / COMT ME
			Page Total	All Repair Data Must Bear t	he Endorsement of a	PACITE
		Dig.	Brought Forward	Certificated Mechanic, and Certificate Number MUST b	his Rating and e Shown.	
			Total to Date	Commission in Contract to		

Total to Date

Serial No. License Signature Number Time **REPAIRS - ADJUSTMENTS - SERVICE - REMARKS** Date Min Hrs TACH COOLB (CONT.) ... AS PER BEECH BZYR IPC, IMSTALLED MOTOR MOUNT KITS JOTTE-14 AMS 12/15/05 16 AS REQUIRES. REMAINDER OF INTAKE, EXHAUST, FUEL AND OIL SYSTEMS CHELLES GOOD. I CKRTIFY THAT THIS ENGINE HAS DEEN INSPECTED 2/A/W AMMUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY WHATTIGH AMP APPROVED FOR RETURN TO SERVICE, AP452066901 IA All Repair Data Must Bear the Endorsement of a Page Total Certificated Mechanic, and his Rating and **Brought Forward** Certificate Number MUST be Shown.

14.0	Andre G	***************************************	ENGINE LOG Se	erial No.	
Date	Hrs I		ENTS - SERVICE - REMARKS	Signature	License Number
-13-06	6 7	PLUGS 4 PST VEW AIR F	1238 hours Rtw E. Dy Check, Compr 179 #2 76 #4 79. Ated Checked MAGT Shellow, USTAlled Ither Assenby 1 BA	chedo chedo duic. Ch vew Filt	
		Page Total Brought Forward Total to Date	All Repair Data Must Bear th Certificated Mechanic, and h Certificate Number MUST be	Hours Retire and Hours H	the Susis

00.

Serial No.

L:5220-51A

Reg: N2220L **ENGINE LOG** Date: 09-10-2007 Make: 109.3 Southern Cal Aircraft Tach: Lycoming Model: 10360-A1B6 TSMOH: 1321.86 1880 Joe Crosson Drive L-5220-51A Ser. No. Hobbs: 3900.3 El Cajon, Ca. 92020 619-448-5010 I certify that this ENGINE has been inspected in accordance with 100 HOUR Inspection procedure and determined airworthy this date. Changed oil and filter, old filter was cut open for inspection, no metal noted. Spark plugs cleaned, gapped and inspected replaced 2 with new, re-installed and torqued. All fuel injector nozzles were removed, cleaned and inspected. Injector lines were inspected IAW AD 2002-26-01. Replaced alternator belt, with prop removed, engine crankcase seal replaced with new (LW-13792). Installed propeller with new O'ring. Resealed oil pressure line at firewall. Engine serviced with Aero Shell W100 (50 wt. Det.) AD 2006-06-16 Crankshaft Failure, N/A By engine S/N IAW Lycoming SB 566, table 1. **Nothing Follows** AD 2006-20-09 Crankshaft Failure, Applies, However Due at eng ovhl or Feb. 21,2009 whichever is first Nothing Follows Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made at this time. **Edward Q Hazlewood** A&P 1655569 Insp. Auth. Date: 09-10-2007 DI VUGITE I VI WAI Certificate Number MUST be Shown. Total to Date

E 002	1	oving National Aviation Authority/Country: VUNITED STATES	AUTHOR			E CERTIFIC S APPROVAL TAG	CATE	3. Form T	racking Number:
PAGE	4. Organ	ization Name and Address:	AIRCRAFT ACCESSO 2740 North Sheridan Tulsa, OK 74115	RIES OF OKL	AHOMA INC.		F1031536	5. Work o Number:	rder/Contract/Invoice 29858
	6. Item:	7. Description:	8. Part number:	9. E	ligibility: *	10. Quantity:	11. Serial/Batch Nu	ımber:	12. Status / Work:
	1	RSA-5AD1 FUEL SERV	VO 2524054-11	N/A		1	36993		REPAIRED
AIRCRAFT ACCESSORIES			-				Date: 10		
	0	_	s were manufactured in conformity e in a condition for safe operation. pecified in Block 13.		"	and described in BI	otherwise specified in ock 13 was accomplish	Block 13, the	regulations specified in B work identified in Block 1. nce with Title 14, Code of the Items are approved in
19188353681	15. Autho	orized Signature	16. App	oroval Authorizatio	n No: 20	Authorized Signature:	alle	21	R V 3 R 8 2 9 L
m	17. Name	(Typed or Printed):	18. Del	6	The state of the s	Name (Typed or Print RICHARD POPPLE	1/	23	Date: October 9, 2007
19188	-								
6:52 19188	-			User/inst	aller Respo	onsibilities			•

Make: Lycoming	Southern Cal Aircraft	Tach: 110.3
Model: 0360-A1B6	1880 Joe Crosson Dr.	TSMOH: 1322.86
Ser. No: L-5220-51A	El Cajon, Ca. 92020 619-448-5010	Hobbs: 3902.3
o'rings, lapped plugs. Assembled unit Unit returned after repair and installed Except as stated above, no other work, ins Edward Q Hazlewood A&P 1655569	moved fuel injection servo (RSA5AD1) Replaced to and still had problem. Removed servo and sent to Engine ran good at idle, idle mixture was adjusted spection, corrective action or determination of airworth action.	o Aircaft Accessories in Tulsa OK. ed and ops cked good. niness was made at this time.
Insp. Auth.		Date: 10-15-2007
		15