

## **ENGINE MAINTENANCE RECORD**

AIRCRAFT SERIAL AND REGISTRATION_	1728/0925	5 N51135	123
ENGINE MODEL AND SERIAL 10-360-La	2A	L-34102-51E	
D5518-3-13			

348179 476011/11/5 CSNA-1116 FORM X-211 652 Oliver Street Williamsport, PA 17701 U.S.A. Rev. 9-9-03 Date 1-29.09 FINAL ENGINE ACCEPTANCE PN 3900077-4-1 Eng. Serial No. 1-34702-51E Shop 433 STRUCTIONS \_Final Insp. ed in accordance with FAA Federal Aviation Regulations government regulations. Form 245 (5-02) NOTE: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record. Copyright © 1993 MAINTENANCE RECORD TOTAL TIME AUTHORIZED SIGNATURE. IN SERVICE DESCRIPTION OF THE WORK PERFORMED **CERTIFICATE TYPE** & NUMBER **HOURS** 10THS D **NEW RECIPROCATING ENGINE CERTIFICATE** This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by LYCOMING specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture. 10-360-L2A L-34702-51E MODEL DATE (AUTHORIZED REPRESENTATIVE) LYCOMING ENGINES 652 Oliver Street Williamsport, PA 17701 U.S.A.

DATE 2009	TOTAL IN SER		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
03/18	4	0	Engine model IO-360-L2A, S/N <u>L-34702-5/E</u> has been installed on aircraft # //3\$/10935 with  TTAF <u>4.0</u> . TTSN was <u>4.0</u> . This engine serviced with Phillips Aviation oil type M 20W50 weight.	plet cushtese ODA-100129-CE
7/15/09	24,5		Changed oil and fitter. Checked filter for Contamination. Serviced Engine with 8 Qts Acroshell 10000, oil. Ran. Engine leak charked good.	Wester!
	Neg year.	2. 24	1) Installed oil Drain VAIVE, (3) Complied with AD 2001-06-17. No ADJUSTMENTS NEWSTRY,	AP 2774600
	a di			

			MAINTENANCE RECORD		
DATE	TOTAL IN SER		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE	
	HOURS	10THS		& NUMBER	
9-15-200	9		Replaced Starter W/ New SKg-Tec model 149-NL		
1	45.	4	SN FN - 2809/6 SIGNED Ex W fin		
			Work Order # 7532 7	10115 1310	
88			BLUE SKIES OVER DUBU FAA REPAIR STATION #Y	QUE, INC.	
			TO THE AIR OF THE PARTY OF THE	Q117040D	
1134		12.			
9-17-2009	46	3	Replaced Starter W/ New Sky-Tec model 149 NL		
3/3/3-0		- ja	SN FN-280908 SIGNED SIGNED		
ាំសាល ។ លាសាល សហ		1	Work Order #		
	•		BLUE SKIES OVER FAA REPAIR STATI	DUBUQUE, I ON #YQYR34	
-18-09	49.	6	Changed oil and filter. Checked filter for contamination. Serviced engine with 8 OTS Aeroshell 100 w. Ran engine - leak check good	James 5 Jent - AP/3015266	
				*	

DATE 2009	TOTAL IN SER HOURS	Control of the contro	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
03/18	4	0	Engine model IO-360-L2A, S/N <u>L-34703-5/E</u> has been installed on aircraft # //3\$/10935 with	
7/15/69	24,5		TTAF 4.0 TTSN was 4.0 This engine serviced with Phillips Aviation oil type M 20W50 weight.  Changed oil and fitter Checked filter for Contomination. Serviced Engine with 8 Qts Acroshell wow, oil. Ran. Engine leak checked good.	Med Cushese ODA-100129-CE
			D Installed oil Droin VAIVE,  B. Complied with AD 2001-06-17, No ADJUSTMENTS NEWSARY,	102774600

			MAINTENAN	OL HEOOHD			
DATE	IN CEDVICE		DESCRIPTION OF TH	HE WORK PERFORMED			AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
9-15-200		1 12	Replaced Starter W/ New SN FN-280916	by Sky-Tec under the aut CFR14 Part 21 in accord	Tec starter M hority of FAA dance with S	A-PMA  lodel 149-NL S PMA No. PQ08 ky-Tec's FAA-Ap	SN FN-280908 was produced 52SW Supplement No. 7 per proved Fabrication Inspection the relevant FAA-approved For installation eligibility see
9-17-2009	46	3	Replaced Starter W/ New SN FN-280908	www.skytecair.com/eligibil	5//3 (Aircraft)	<b>J</b> by _	Blue Skies Over Dig (Mechanic) CRS# PQPR 343B
				Form CC1108-1	9-17-		(A&P No.)
1-18-09	49.	6	Changed oil and Filter. Checked fengine with 8 OTS Aeroshell 1	ilter for contro	minstion e-lesk	r. Serviced check good	James 5 Jent - AD/3015266

			MAINTENANCE RECORD	× ×
DATE	TOTAL T IN SERV		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
INSPECT	CONDITION PLIANCE RDER # Pout	VAS DET ON. SEE 753 2 M.	ERMINED TO BE IN AIR- AD LIST IN FOLGER  AD LIST IN FOLGER  A REPLACES O-RINGS ON FUEL SERVO IN LE  SECURES BAFFLING  VER DUBUQUE, INC.  CONTROL OF THE PROPERTY OF THE PROPER	OIL  Sgood  TSCREEN
EX 1 20 80 80 11-9-59	FAA RE GINE CO. 3 79 79 79 80 90 133 .	APRES	TATION #YQYR343B (1) YW AD 08-11-01 INSP. FUEL INJECTION LINE	James States
		)		
			MAINTENANCE RECORD	
DATE	TOTAL	TIME	MAINTENANCE RECORD	
JAL	IN SEF	10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
12-11-09	150.	o	Changed oil and filter. Checked filter for contomination serviced fragine with 8 at perosher 65 w. Ran Engine 1 rank checked good.	AP2774600 AN - Will
I CER	JINA MOITE	CORD.	199,9 TT 199,9 DINSPECTED ENGINE PER FAR PART 43 APPENDIX INE HAS BEEN DICHARGED OIL & FILTER 8QTS Shell 30 WT. ANCE WITHA ANNOAL BREPLACED IEA. SPARK PLUG ETERMINED TO BE INALE.	DeheckList oil
FOR CO	MPLIANO ORDER #	E.	TEADLIST IN FOLDER 9 SECURED OIL RETURN LINE HOSE CLAMPS  75684 BREPLACED #3 INTAKE TUDE GASKET  BREPLACED O-RINGS ON FUEL SERVO INLET SCH	FEN
	BLUE	SKIES	OVER DUBUQUE, INC. The AD 2008-14-07 INSPECTED FUEL INJECTION STATION #YQYR343B	VLINES SB 342E

Pand M Kanne BLUE SKIES OVER DUBUQUE, INC. FAA REPAIR STATION #YQYR343B

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ENGINE COMPRESSION

MAINTENANCE RECORD						
DATE	TOTAL I	VICE		DESCRIPTION OF THE WORK PERFORMED	)	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
1	HOURS	10THS			0.44	
4/20/	249.	8 91	Changed oil and	Filter, checked control Engine with we leak check good	Fillier Pen	AP2774600
12016	2017	,	1000 Ren Engil	we least cheek good	)	
I CERTII	1-10 THIS_	ACH 2 ENGT CORDAN	99.9 TT 299.9 WE HAS BEEN ICE WITHA 100 HOUR	O Inspected Engine Ochanged oil + Filt	PER FAR PART 43 APPENCE ER ShELL 50WT. O'L	lix D checkList
WORTHY	CONDITION OF LIANCE	DN. SE	EAD LIST IN FOLSER	Inspected oil Filt. OREPLACED O-RINGS	ER + SCREEN FOR ME ON FUEL SERVO INLET	SCREEN
SIGNED	Poul	IM.	Kaune	DRETIMED BOTH MAGA		INES SB34RE
, ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	FAAR	EPAIR S	VER DUBUQUE, INC. * TATION #YQYR343B	(a) 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 160 / 16	4 0	
ENG 1 2 80	NE COM 3 79 78 79	78 80	6			
1801						
				;		
		6				

_				MAINTENANCE RECORD	
	DATE	TOTAL IN SER	VICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
		HOURS	10THS	•	
7-	7-2010	349	9	Changed oil and filter. Checked Filter for contamination serviced engine with 8 Ots Acroshell 100W. Ran engine leak check good.	James Steaders AP3 15264
			. ·		*

Date: 8/12/2010 Tach/Hobbs: 399.4 Total Time: 399.4 TSMOH: 399.4

**Cylinder Compressions** 

#1	#2	#3	#4	#5	#6
78/80	78/80	78/80	78/80	100	50%

Blue Sees -

Blue Skies over Dubuque Inc. Airplane Maintenance 10800 Airport Road

Dubuque, Iowa 52003 Repair Station #YQYR343B 563-582-1293

1	Inspected	engine p	er FAR	part 43	appendix	D checklist
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2. Changed oil and filter. Added Shell 50wt. oil. Inspected filter and screen for metal.

3. Installed all new spark plugs.

4. Replaced #2 intake tube gasket.

Replaced #2 make tube gasket.
 Replaced 0-rings on fuel servo inlet screen.

6. C/W AD2008-14-07 inspected fuel injection lines.

I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in <u>folder</u> for compliance. Work Order #76079

Name: Paul M. Kaune Signed:	Paul M. Kaung
Certified Repair Station	n#YQYR343B





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200	-	6
3		-83
		-

AUTHORIZED SIGNATURE, CERTIFICATE TYPE

& NUMBER



DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE	
	HOURS	10THS		& NUMBER	
0-4-2010	449	ŀ	Changed oilefiller. Checked filter for contamination. Services engine with BQTS Aeroshell-100W. Ran engine lesk check good.	James Jentsons	
	ALE .				
-					

Date: 10/19/2010 Tach/Hobbs: 498.9 Total Time: 498.9 TSMOH: 498.9    TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9   TSMOH: 498.9	E TYPE
Tach/Hobbs: 498.9 Total Time: 498.9 TSMOH: 498.9  Blue Skies over Dubuque Inc. Airplane Maintenance  10800 Airport Road Dubuque, Iowa 52003 Repair Station #YQYR343B 563-582-1293  1. Inspected engine per FAR Part 43 Appendix D checklist. 2. Changed oil and filter. Serviced with 8qts. Aeroshell 50W oil. Inspected filter and screen for metal. 3. Cleaned, gapped, and tested spark plugs. 4. Secured clamps on oil return lines. 5. Replaced #2 and #4 intake gaskets. 6. Secured oil fill tube. 7. Secured oil fill tube. 7. Secured nuts on vacuum pump. 8. Replaced orings on fuel servo inlet screen. I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in folder for compliance. Work Order #76250 Name: Donald D. Knowled. Signed:	
Total Time: 498.9 TSMOH: 498.9  Riplane Maintenance  10800 Airport Road Dubuque, Iowa 52003 Repair Station #YQYR343B 563-582-1293  1. Inspected engine per FAR Part 43 Appendix D checklist. 2. Changed oil and filter. Serviced with 8qts. Aeroshell 50W oil. Inspected filter and screen for metal. 3. Cleaned, gapped, and tested spark plugs. 4. Secured clamps on oil return lines. 5. Replaced #2 and #4 intake gaskets. 6. Secured oil fill tube. 7. Secured oil fill tube. 7. Secured orings on fuel servo inlet screen. I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in folder for compliance. Work Order #76250 Name: Donald D. Knowed. Signed:	
TSMOH: 498.9  Cylinder Compressions  #1 #2 #3 #4 #5 #6  78 80 78 80 # #5 #6  1. Inspected engine per FAR Part 43 Appendix D checklist.  2. Changed oil and filter. Serviced with 8qts. Aeroshell 50W oil. Inspected filter and screen for metal.  3. Cleaned, gapped, and tested spark plugs.  4. Secured clamps on oil return lines.  5. Replaced #2 and #4 intake gaskets.  6. Secured oil fill tube.  7. Secured nuts on vacuum pump.  8. Replaced orings on fuel servo inlet screen.  I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.  Work Order #76250  Name: Donald D. Knowled.  Signed:	
Cylinder Compressions  #1 #2 #3 #4 #5 #6  78 80 78 80 ** ** ** ** ** ** ** ** ** ** ** ** **	<b>y</b> 9.
#1 #2 #3 #4 #5 #6  78 80 78 80 \$\frac{1}{2}\$ Dubuque, Iowa 52003  Repair Station #YQYR343B  1. Inspected engine per FAR Part 43 Appendix D checklist.  2. Changed oil and filter. Serviced with 8qts. Aeroshell 50W oil. Inspected filter and screen for metal.  3. Cleaned, gapped, and tested spark plugs.  4. Secured clamps on oil return lines.  5. Replaced #2 and #4 intake gaskets.  6. Secured oil fill tube.  7. Secured nuts on vacuum pump.  8. Replaced orings on fuel servo inlet screen.  I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.  Work Order #76250  Name: Donald D. Knowled Signed:  ##4 #5 #6  Dubuque, Iowa 52003  Repair Station #YQYR343B  563-582-1293	
Repair Station #YQYR343B  1. Inspected engine per FAR Part 43 Appendix D checklist.  2. Changed oil and filter. Serviced with 8qts. Aeroshell 50W oil. Inspected filter and screen for metal.  3. Cleaned, gapped, and tested spark plugs.  4. Secured clamps on oil return lines.  5. Replaced #2 and #4 intake gaskets.  6. Secured oil fill tube.  7. Secured nuts on vacuum pump.  8. Replaced orings on fuel servo inlet screen.  I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.  Work Order #76250  Name: Donald D. Knobsch Signed:	
1. Inspected engine per FAR Part 43 Appendix D checklist. 2. Changed oil and filter. Serviced with 8qts. Aeroshell 50W oil. Inspected filter and screen for metal. 3. Cleaned, gapped, and tested spark plugs. 4. Secured clamps on oil return lines. 5. Replaced #2 and #4 intake gaskets. 6. Secured oilfill tube. 7. Secured nuts on vacuum pump. 8. Replaced orings on fuel servo inlet screen. I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.  Work Order #76250 Name: Donald D. Knowled Signed:	<b>y</b> 8.
2. Changed oil and filter. Serviced with 8qts. Aeroshell 50W oil. Inspected filter and screen for metal.  3. Cleaned, gapped, and tested spark plugs.  4. Secured clamps on oil return lines.  5. Replaced #2 and #4 intake gaskets.  6. Secured oil fill tube.  7. Secured nuts on vacuum pump.  8. Replaced orings on fuel servo inlet screen.  I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in folder for compliance.  Work Order #76250  Name: Donald D. Knottel  Signed:	
MAINTENANCE RECORD	
	D SIGNATURE, CATE TYPE
-29-2010 547.7 Changed oil and filter Checked filter to- Contamination.  Serviced engine with & QTS Aeroshell 65W. Ran engine APPI  leak there good.	JMBER A

Date: 2/2/20	011				~		W					
Tach/Hobbs	s: 598.6				13	lu S	2003				AUTHOR	ZED SIGNATURE,
Total Time: TSMOH: 5					Blu	ie Skies	over Dub	ugue Inc.				IFICATE TYPE NUMBER
							aintenanc					
	compressions			,		300 Airpoi						
	2 #3	#4	#5	#6			lowa 52003 tion #YQY]	R343R		1		
78/80 7	78/80 76/80	78/80	100	500		63-582-12		10400				-
2.Changed of 3.Secured to 4.Replaced 5.Washed e 6.C/W AD2 I certify this and was det Work Order Name: Paul Signed:	M Koune	Inspected g on oil fill el servo in wling with aspected fill been inspe e in airwo	filter and I tube. Inlet scree in solvent. In solvent inject exted in a rthy condition.	d screen n. ion lines ccordanc dition. Se	ccklist. for metal. Set  , SB342.  ce with a Annie AD List in	rviced with	n Shell 30wt		-			
											~	
		-				MAINTE	NANCE R	ECORD		1		
DATE	TOTAL TIM IN SERVICE HOURS			n.		DESCRIPTION	OF THE WORK	PERFORMED	,			PRIZED SIGNATURE, RTIFICATE TYPE & NUMBER
3-16-	649.8	3 ()C) 5e 1.	hange rvice o cak ci Clean	ed oil lengin	end for with good, and test	ed spi	Checke Aeroshe eurk p	d fitter ;	for con Ran	tamination engine	Topo	nej Breine 3527990
			·									
				15		- 0 - 24						H
						5)	2					4

Date: 4/1 Tach/Hol Total Tin TSMOH:	obs: 698. ne: 698.1	
Cylinder	Compr	essio
#1	#2	#3
79/80	78/80	79
2.Chango 3.Remov 4.Replac	ted engined oil & pred both seed #3 into 2008-	filter mag ake



Blue Skies over Dubuque Inc.

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

I SIVIOIT.	070.1					Airplane Ma	intenance			
Cylinder	Compr	essions				10800 Airport	Road			
#1	#2	#3	#4	#5	#6	Dubuque, Io	on #YQYR343	В		
79/80	78/80	79/80	79/80	300	50%	563-582-129	3			11.2
1.Inspect 2.Chang 3.Remov 4.Replac 7.C/W A 9.Washe I certify and was Work O Name: I Signed:	ed oil & ved both sed #3 in aD 2008-d engine this engined the engined determined #76 aul M. H.	filter, ins magneto take tube 14-07 in with sol ine has be ned to be 611	spected fi s, reset E gasket. spected fi vent. een inspected in airwo	deter & sgaps a 5. Tight inel injected in orthy co	ened tension ection lines &	etal. Serviced with She iming. Installed with n on alternator belt. 6. clamps. 8.Replaced with a 100 Hour Inspector of the List in folder for	ell 50wt. oil. new gaskets. Tim Secured loose be o-rings on fuel s			
Certific	u Kopan	Station ,								
					4					
	8 (9)									

DATE	TOTAL IN SER		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE
	HOURS	10THS		& NUMBER
5-10-2011	747.	8	Ochanged oil and filter. Checked filter for contamination. Serviced engine with 84ts Aeroshell 100w. Ran engine-leak check good.  Ocleaned and tested all spark plugs.	Tiffaney Breve AP 3527990
6-1-2011	772.	લ	Made seasonal adjustment to idle/mixture setting.	Tiffamy Brame AF3527990
ż				
			•	

Date: 7-15-2011 N5113J; SN: 17210925 Tach/Hobbs: 797.9 Engine Total time: 797.9 AUTHORIZED SIGNATURE TSMOH: 797.9 CERTIFICATE TYPE & NUMBER Cylinder Compression #1 #2 #3 #4 #5 #6 78/80 76/80 80/80 78/80 N/A N/A 1. Inspected engine per FAR 43 appendix D checklist. 2. Changed oil and filter. Checked filter for contamination. Serviced engine with 8 qts. Aeroshell 100W. 3. Cleaned, gapped and tested all sparkplugs. 4. Inspected fuel servo inlet filter. 5. C/W AD 2008-14-07 fuel injector lines and clamps (per Lycoming SB 342). I certify this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. See AD list in folder for compliance. Name: \_ James S. Jenkins, AP 3015266 Signed: O & hanged oil and filter. Checked filter for contamination. Serviced engine with Ests Aeroshell 102m. Itan engine - leak check good. 9-8-2011 O cleaned, gapped and trated all spark plugs. Date: 9/26/2011 Tach/Hobbs: 897.5 Total Time: 897.5 TSMOH: 897.5 Blue Skies over Dubuque Inc. Airplane Maintenance **Cylinder Compressions** AUTHORIZED SIGNATURE, 10800 Airport Road CERTIFICATE TYPE #1 #2 #3 #4 #5 & NUMBER #6 Dubuque, Iowa 52003 79/80 Repair Station #YQYR343B 78/80 78/80 199 79/80 563-582-1293 1.Inspected engine per FAR Part 43 appendix D checklist. 2. Changed oil& filter, inspected filter & screen for metal, Serviced engine with Shell 50wt. oil. 3.Replaced all spark plugs. 4.Replaced o-rings on fuel servo inlet screen. 5.Washed engine with solvent. 6.C/W AD2008-14-07 inspected fuel injection lines & clamps. I certify this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition. See AD List in folder for compliance. Work Order #76994 Name: Paul M. Kaune Kauno Certified Repair Station # YQYR343B 0-12-11 Changed oil and fitter. Checked filter for contamination. Serviced engine with 8ats Aeroshell 100w. Ran engine-Teak check good.

Date: 12/1/2011 Tach/Hobbs: 996.9 Total Time: 996.9 TSMOH: 996.9 **Cylinder Compressions** #2 #1 78/80 78/80

Blue Skies over Dubuque Inc. **Airplane Maintenance** 10800 Airport Road

Dubuque, Iowa 52003 Repair Station #YQYR343B 563-582-1293

<b>AUTHORIZED SIGNATURE</b>
CERTIFICATE TYPE
9 MI IMPER

1.Inspected engine per FAR Part 43 appendix D checklist.

78/80

#4

78/80

#5

Su.

2. Changed oil & filter, inspected filter & screen for metal, serviced engine with Shell 30wt. oil.

#6

Sale

3.Removed, cleaned, reinstalled fuel injectors per S.I.#1275C. 4.Replaced #1&#4 intake tube gaskets.

5.Replaced #4 valve cover gasket. 6.Replaced fuel servo inlet screen o-rings. 7.Washed engine with solvent.

8.C/W AD84-26-02 replaced paper induction air filter. 9.C/W AD2008-14-07 inspected fuel lines & clamps.

I certify this engine has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition. See AD List in folder for compliance. Work Order #77150

Name: Paul M. Kaune

Paul M. Signed: Certified Repair Station # YQYR343B







DATE	TOTAL IN SER		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE	
	HOURS	10THS		& NUMBER	
1-10-12	1045.	9	Changed oil and filter. Checked filter for contamination. Service engine with \$4 ts Acroshell 65 w. Run engine - leak check good.	AP352 1990	
	J.				
	*	4			

Date: 2/21/2012 Tach/Hobbs: 1096.2	Blue States Ind	AUTHORIZED SIGNATURE, CERTIFICATE TYPE
Total Time: 1096.2	Blue Skies over Dubuque Inc.	& NUMBER
TSMOH: 1096.2	Airplane Maintenance	
Cylinder Compressions	10800 Airport Road	
#1 #2 #3 #4 #5 #6	Dubuque, Iowa 52003 Repair Station #YQYR343B	
80/80 76/80 76/80 78/80 🖑	563-582-1293	
	•••	
1.Inspected engine per FAR Part 43 appendix D check	list.	ŧ
2. Changed oil & filter, inspected filter & screen for mo	etal, serviced engine with Shell 30wt. 011.	
3. Secured loose valve cover gasket screws. 4. Replace	ed engine with solvent. 7.Replaced #2 intake tube gasket.	 ,
8.C/W AD2011-26-04 inspected fuel injection lines &	clamps.	
I certify this engine has been inspected in accordance	with a 100 Hour Inspection	
and was determined to be in airworthy condition. See Work Order #77335	AD List in folder for compliance.	
Name: Paul M. Kaune		
0 0 100 1/		
Signed: M. Caune		 A CONTRACTOR
Certified Repair Station # YQYR343B		
Outside Action		
		*

DATE	TOTAL IN SER		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE
	HOURS	10THS		& NUMBER
4-2-12	1146.	0	(hunged oil and filter. Checked filter for contamination. Serviced engine with 8qts Acroshell 100w. Ran engine-leak check good.	Iffing Bore 3527998
	<i>**</i>			

Tach/Hobbs: 1195.4 Total Time: 1195.4 TSMOH: 1195.4	Blue Skies over Dubuque Inc. Airplane Maintenance		AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
Cylinder Compressions	10800 Airport Road		et s
#1 #2 #3 #4 #5 #6 77/80 74/80 76/80 78/80 🖑	Dubuque, Iowa 52003 Repair Station #YQYR343B 563-582-1293	v.	
1.Inspected engine per FAR Part 43 appendix D ch 2.Changed oil & filter, inspected filter & screen for 3.Replaced o-rings on fuel servo inlet screen. 4.M. 5.C/W AD2011-26-04 inspected fuel injection line I certify this engine has been inspected in accordan	r metal, serviced engine with Shell 50wt. oil. ade seasonal adjustment to idle mixture setting. s & clamps, SB342.		
and was determined to be in airworthy condition. S Work Order #77465	See AD List in folder for compliance.		
Name: Paul M. Kaune Signed:	*		
Certified Repair Station # YQYR343B			
Certified Repair Station # 1Q1R343B			



	TOTAL		I MAINTENANCE RECORD	
DATE	TOTAL TIME IN SERVICE		DECODIDATION OF THE WARM	AUTHODIZED CIONATURE
	HOURS	10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE
7-18-12	1245.	3	Ochanged oil and filter Checked filter for confumination &	& NUMBER
	, q	*	Ochanged oil and filter (hecked filter for contamination. Serviced engine with Exts Neroshell 10000. Ran engine- reale check good. Ocheaned and tested all spark plugs.	They Beare AP3527940
		2		
		9		
		8.		
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*		Date: 9/7/2012	100 00	
DATE	T(	Tach/Hobbs: 1295.0 Total Time: 1295.0	Blue Sizes	JTHORIZED SIGNATURE.
DAIL	11	TSMOH: 1295.0	Blue Skies over Dubuque Inc.	CERTIFICATE TYPE
	HOU	C. I'. I. C.	Airplane Maintenance	& NUMBER
		Cylinder Compressions   #1   #2   #3   #4   #5   #6	10800 Airport Road Dabuque, Iowa 52003	
5		78/80 77/80 77/80 78/80 🖑	Repair Station #YQYR343B	
**,		77.00 77.00 7.000 5	563-582-1293	
	1	1.Inspected engine per FAR 43 appendix D checklist. 2. metal. Serviced with 8 qts 50 wt Shell oil. 3.Replaced # o-rings. 5.C/W AD 2011-26-04 (fuel injection lines and I certify this engine has been inspected in accordance wi airworthy condition. See AD List in folder for compliant Work Order #77728	4 valve cover gasket. 4.Replaced fuel servo inlet screclamps) Inspected per SB 342. th a 100 Hour Inspection and was determined to be i	een
	1	Name: Eric W. Seier	4	
	, , , , , , , , , , , , , , , , , , ,	Signed: EW S.		
		Certified Repair Station # YQYR343B	. %	
		T T		
10-5-12	1344	. 4 Changed oil and fitter. Checked filter	for contamination. Serviced engine	Thehang Beene
		with 89 ts Aeroshell 100w. Ro	for contamination. Serviced engine un engine-leak check good.	AP3527990
			,	
Date: 11	1-07-201	2 N5113J		
Tach/Ho Engine T	bbs: 13 otal tim	1421131		
TSMOH:	1394.7			
	#2	#3 #4 #5 #6		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
		1411		
1. Inspec	cted eng	ne per FAR 43 appendix D checklist.		
2. Chang	ed oil ai Aerosh	d filter. Checked filter for contamination. Serviced	engine with	
		ed and tested all sparkplugs.		
4. C/W A	D 2011-	26-04 fuel injector lines and clamps (per Lycoming)	242)	
<ol><li>Secure</li></ol>	ed loose	hardware #4 valve cover.	36 342J.	
I certify the	his engir determir	e has been inspected in accordance with an annual ed to be in airworthy condition. See AD list in foldo	inspection	
			er for compliance.	
Signed:		Jenkins, IA 3015266		
	Jam	5. Jenkins		The state of
	74	7		
12-4-12	1444	· I Changed of and Litter the best I.	to s I a silver	7 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1 N 1
	'	engine with 80ts teroshell LI.	ter Sor contamination, Serviced. Ran engine-leuk check good. Il spark plugs.	~11
		Cleaned and total	. Man engine-leuk check good.	Affeny Bune
		Japan, The reside al	spark plugs.	AP3527990

WAINT ENANCE RECORD								
DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE				
2013	HOURS	10THS		& NUMBER				
-8-13	1481.	2	REMOVED This ENGINE FOR A PROPSTRIKE INSPECTION	JETAIR IVE. JAFRILOF JIMORTERY				
			REMOVED This ENGINE FOR A PROPSTRIKE INSPECTION	Im Orley				
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	-							
				9				
	<del>                                     </del>	<del>                                     </del>						
			2 m					
				* , *				

# G & N AIRCRAFT, INC. / Limited Piston Engine Warranty

Effective 1/1/2006, G & N Aircraft, Inc., (hereinafter "G & N") makes the following warranty to its customer, subject to the limitations, conditions and exclusions set forth below.

WARRANTY COVERAGE – For a period of twelve (12) months after date of delivery to

WARRANTY COVERAGE – For a period of twelve (12) months after date of delivery to customer, G & N Aircraft, Inc. shall repair or replace, at its option, any aircraft engine, accessory, or part which is found to be defective, to G & N Aircraft, Inc.'s satisfaction, within said warranty period.

For engine warranty after twelve (12) months from the date of delivery to customer and prior to the expiration of the manufacturers recommended time between overhaul ("TBO"), the cost of repair or replacement (including the cost of parts and labor), at G & N Aircraft's option, shall be prorated in the following manner. The customer shall pay a prorated amount based upon the engine's TBO and the engine hours (which shall be deemed the greater of logbook hours, recorded tachometer hours, or a minimum of forty (40) hour per month from date of delivery). For instance, an engine with a TBO of 2000 hours and with 200 hours of usage in a 16 month period would have a prorated warranty coverage of 68% applied to cost of a replacement engine or to the cost of parts and labor for repair of this subject engine, either of which shall be at the option of G & N Aircraft, Inc. Reasonable labor costs associated with the repair of a warranted engine shall be prorated in the same manner on the basis of a flat rate schedule established by G & N Aircraft, Inc.

After the initial twelve (12) months from date of delivery, G & N Aircraft, Inc. will not assume any responsibility for the repair or replacement of engine accessories, including but not limited to the following: magnetos, starter, alternator, ignition harness, turbocharger, carburetor, fuel injection, etc.

Replacement parts supplied for warranted engines still covered by manufacturer's warranty are supplied on an exchange basis prepaid by customer. G & N Aircraft, Inc. will pursue warranty claims with the manufacturer on the owner's behalf. Any allowance by the manufacturer will be credited to the operator's account.

REQUIRED CONDITIONS AND PROCEDURES NECESSARY FOR OBTAINING WARRANTY WORK - The following conditions and procedures must be met before G & N Aircraft, Inc. is liable under the provisions of this written warranty. The foregoing warranty shall be effective only if the engine or component to be serviced is returned to G & N Aircraft, Inc.'s facility at customer's expense, together with a detailed description in writing of the nature of the defect. The customer or his representative should contact G & N Aircraft, Inc. for verification and authorization of warranty prior to return and/or repair. Written authorization

must be obtained from G & N Aircraft, Inc. before repairs covered by warranty can be performed other than by G & N Aircraft, Inc. In no event shall allowable repair costs exceed local published shop rates. This warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the Federal Aviation Administration ("FAA") and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspections and maintenance must be documented by appropriate logbook entries which must accompany any engine returned for warranty work. Only defects which are reported to G & N Aircraft, Inc. within the warranty period are covered by this warranty and G & N Aircraft, Inc. must be given written notice, within ten (10) days after discovery.

LIMITATIONS, EXCLUSIONS, AND DISCLAIMERS – G & N Aircraft, Inc. shall not be liable for freight charges, transportation or delivery expenses, costs, or airframe repairs, all of which are excluded under this warranty. G & N Aircraft, Inc. does not warrant parts, materials or services supplied which are covered by manufacturer's warranty. This written warranty shall not apply to any engine which has been subject to misuse, neglect, accident or damage from the elements, or which has been installed repaired or maintained or altered in any manner which, in the judgment of G & N Aircraft, Inc. has had an adverse effect on the engine or its parts. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. Unless prior approval is given in writing by G & N Aircraft, Inc., this warranty shall not apply to any engine which has been repaired or altered in any manner other than by G. & N Aircraft, Inc., whis warranty shall not apply to any engine which has been repaired or altered in any manner other than by G. & N Aircraft, Inc., whis warranty shall not apply to any engine which has been repaired or altered in any manner other than by G. & N Aircraft, Inc., which was not apply to any engine which has been repaired or

altered, in any manner other than by G & N Aircraft, Inc. or it's authorized representative. THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION THE WARRANTY OR MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTES ARE HEREBY EXCLUDED, G & N Aircraft, Inc.'s liability hereunder shall be limited to the repair or replacement of any engine or part found to be defective within the applicable warranty period as set forth above. IN NO EVENT SHALL G & N AIRCRAFT, INC. BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY IN TORT OR NEGLIGENCE ON THE PART OF G & N AIRCRAFT, INC. The laws of the State of Indiana will control the interpretation and application of this warranty. All disputes regarding this warranty and any related purchase or repair must be adjudicated in Lake County, Indiana.



1701 East Main Street Griffith, Indiana 46319 Tel: (219) 924-7110

ZED SIGNATURE.	
IFICATE TYPE	
NUMBER	