## AIRCRAFT

I.	Nationality and Registration	<u>N57/0S</u>
2.	Manufacturer's Designation	DA 40
3.	Manufacturer's Serial Number	40.571
•	Type Approval or Specification Number	A-224 /A47CE
5.	Date of Manufacture	2005
6.	Aircraft Inspection Cycle	

DATE	DA TO	ILY Tal	TIME	L AIR SINCE FG.	ENGINEERING RECORD
<b>5</b>	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED
BROUGHT FORWARD	0	0	0	0	A MICRAPT NEW WITH MARTZELL PRODUCER INSTALLED AS ARR STE

## **Diamend**

DIAMOND AIRCRAFT INDUSTRIES INC.
D.O.T. APPROVED MANUFACTURER #161-93

SERIAL NUMBER

REGISTRATION MARK

40.571

N571DS

## **Diamond**

I certify that the ATC Transponder & Altitu System(s) have been tested in Accord Standard 571, Appendix F F.A.R. 91:217: &

DATE

INSPEC.

18 October, 2005



13 OCTOBER 2005 S/N 40.571 COMPASS DEVIATION, ALL ELECTRICS ON

FOR	N	30	60	E	120	150
STEER	360	030	060	090	119	152
FOR	S	210	240	w	300	330
STEER	181	211	240	270	300	331



INDEPENDENT CHECK OF FLIGHT AND POWERPL

DATE

INSF

18 October, 2005

Ment!

8		P/	v .	701	r *
OCT 18 2005	0	6	0	0	AIRCRAFT SERVICEARLE FOR FLIGHT
OCT 18 2005	3		2.	5	
OCT 19 2005			2.	5	AIRCRAFT STERVICEABLE FOR FLIGHT
OCT 192005			3.	6	
OCT 20 2005			3.	6	ALRCRAFT SERVICEABLE FOR FLIGHT
OCT 20 2005			3.	9	
OCT 21 2005			3.	9	ALL DISCREPANCIES RECTIFIED
			D.O I HEREBY PROVED	DIAMON T. APP	777

CARRIED FORWARD

	DAI		TIME	L AIR SINCE G.	ENGINEERING RECORD  NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR C
DATE	HRS.	MIN.	HRS.	MIN,	
BROUGHT			3	9	
FORWARD					<b>M</b> Diamond
					Date: 26 Oct 2005 , S/N: 40.571 Reg. #:N571DS W/O RO-05-194 TACH:3.9 HRS
					W/O RO-05-194 TAOH.5.5 THE
					Pins on voltage regulator connector replaced I.A.W Kelly Aerospace Instructions. Ground run of aircraft carried out. Charging system opera
	_				Normal.  The maintenance described above has been performed in accordance.  The maintenance described above has been performed in accordance.
					DIAMOND AIRCRAFT INDUSTRIES INC.D.O.T. APPROVAL # 161
					Signature Mabbershu_Lic. Or Stamp F
					23-50006 77.1 Hr
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					A A DA DATE A LINCON A PER
		+			ARLIN'S AIRCRAFT SERVICE, INC.
		+			38 GALLATIN FIELD BELGRADE MT (KBZN) PHONE 408-388-1351 FAX 408-388-7417
		DAT			TRATION SERIAL# TAC & TOTAL TIME
	-	24 Feb			71DS 40.571 99.5  Checked cables, control rods, pulleys, lites, brakes, tires, battery. ELT (Due Dec 07).
		Draine	d sumps. C	eaned gascola	tor. Checked wing, gear & tail bolts. C/W MSB-40-044 muffler brace. I certify that this
		1	Elex	600	
		Arlin	C. Wass A&I	1340061	
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37.5HL Collect de 44/18/2061
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25194 + Installer new House
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Celled Chan At P134061
ARLIN'S AIRCRAFT
SERVICE, INC.
36 GALIATIN FIELD BELGRADE MT (KBZN)
PHONE 408-388-1351 FAX 408-389-7417
REGISTRATION   SERIAL #   TAC & TOTAL TIME
the date. Checked cables, control rods, pulleys, lites, brakes, tires, battery, ELT
in accordance with a 100 hr inspection & was determined to be in an airworthy
the lake
MAP 1340061
ZIOSTALIES NEW DUKES
100 here PAIT # 5100-00-9 Facot
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Floke on #2 Cylinder.
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ARLIN'S AIRCRAFT SERVICE INS
SERVICE, INC.  SIGNALITIN FIELD BELGRADE MT (KBZN)
PHONE 406-388-1361 FAX 408-388-7417
PECNETRATION.
NSTIDS SERIAL # TAC & TOTAL TIME
40-571 303.4
this time Checked cables, control rods, pulleys, lites, brakes, tires, battery. ELT (Due Dec 07).
Decision Checked wing gear and tail bolls. I certify that this aircraft has been inspected in
and the sepection and was determined to be in an air worthy condition.
to the state of the
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		DAI		TIME	LAIR	ENGINEERING RECORD
DATE	}	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COM-
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	Drained	3 06	N57 d this date. Caned gascola	TRATION 1DS Checked cable to the checked cable to t	es, pulleys, o	SERIAL # TAC & TOTAL TIME  40-571 399.3  control rods, lights, brakes, tires, battery and ELT (due Dec 07).  ur and tail bolts. Replaced all brake blocks.
	airworti	G 06	N57			SERIAL# TAC & TOTAL TIME 40-571 399.3  ce with an annual inspection and was determined to be in an
15epto		411.5				FUSTALLEND. KG 24-154 BATTERY AND WESS AMP1340061  REMOVED NOKES FULL THEMP SEL # 6638 + ENCOTALLEUNESO.  PUMP SEL # 5539 LEVEL STALL  BER 8130-3 FROM ATP1340061
	Ins	DATE NOV 06 spection cond ELT (due locks, I certificant conduction of the conduction	ipleted this d Dec 07). Dri y that this air ition.	GISTRATION N571DS ate. Checker aimed sumps recraft has been	S SALLATI PHONE 4	LIN'S AIRCRAFT  SERVICE, INC.  ATIN FIELD BELIGHADE MT (RIEZN)  406-388-1351 FAX #06-388-7417  SERIAL # TAC & TOTAL TIME  40.571 499.3  control rods, pulleys and cables. Checked lights, brakes, tires, battery, gascolator. Checked wing, gear and tail bolts. Replaced right brake in accordance with a 100hr inspection and was determined to be in an
_/3NB	NO	49	9,2	RY		10 M5B-40-048-2 + AD JEGE-23-08  20 516 (CELLE SEL AT 134006)  CARRIED FORWARD

SPECTION, REPAIRS & REPLACEMENT		
LINE THROUGH ANY UNIVERSITY	SIGNATURE	LICENCE
LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		NUMBER
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ARLIN'S AIRCRAFT		
SERVICE, INC.		
36 GALLATIN FIELD BELGRADE MT (KBZN)		
PHONE 406-388-1351 FAX 406-388-7417		
REGISTRATION SERIAL# TAC & TOTAL TIME		
N571DS 40-571 598.8	A	
the Checked cobles willow and to be to the total		
Checked cables, pulleys, control tubes, lights, brakes, tires, battery, checked wing, gear and tail bolts. Installed two		
wheel bearings. Replaced all brake blocks. I certify that this aircraft has		
with an 100 hr inspection and was determined to be in an airworthy condition.		
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13-816		
INSTALLED MICE BIKES FUEL		
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ARLIN'S AIRCRAFT SERVICE, INC.  36 GALLATIN FIELD BELGRADE. MT (K92N) PHONE 406-388-1351 FAX 406-388-7417	46(	
ARLIN'S AIRCRAFT SERVICE, INC.  30 GALLATIN FIELD BELGRADE. MT (KBZN) PHONE 408-388-7417  SERIA # TAC & TOTAL TIME	46(	
ARLIN'S AIRCRAFT SERVICE, INC.  30 GALLATIN FIELD BELGRADE, MT (KBZN) PHONE 408-388-1351 FAX 408-388-7417  SERIA_# TAC & TOTAL_TIME 698 6	46(	
ARLIN'S AIRCRAFT SERVICE, INC.  96 GALLATIN FIELD BELGRADE, MT (KBZN) PHONE 406-388-1351 FAX 408-388-7417  SERIA # TAC & TOTAL TIME	46(	
ARLIN'S AIRCRAFT SERVICE, INC.  MGALLATIN FIELD BELGRADE, MT (KBZN) PHONE 406-388-1351 FAX 406-388-7417  SERIA # TAC & TOTAL TIME 60-571 698 6  Circled cables pulleys, control rocks, lights, brakes, tires, battery and cleaned gascolator. Checked winz, pear and tail bolts. Replaced	46(	
ARLIN'S AIRCRAFT SERVICE, INC.  30 GALLATIN FIELD BELGRADE, MT (K02N) PHONE 406-388-1351 FAX 408-388-7417  SERIA, # TAC & TOTAL, TIME 40-571 698 6  Checked caples pulleys, control rocs, lights, brakes, tires, battery and cleaned gracelator. Checked wing, gear and tail bolts. Replaced wheel lorouse. Legify that this aircraft has been inspected in	46(	
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DATE	TO	TAL	TIME	SINCE FG.	ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR
BROUGHT FORWARD	4	SE	N'S AIRE RVICE, I	INC.	
w.		ATE	REGISTRA		AL# TAC
	lnsta	NOV 07 alled new CE age sensor an	N571DS OU fan, new And fuse.		40-571 988.7 c/ w Garmin 1000 SB0738, replaced after transsent
	Alan	C. Wass A&	P 2386273	2	
		1		1	
	‡	4	SE GALLATINE	N'S AIRO RVICE, I	NC.
	DATE 09 JA; One thoi lights, bi Replaced hours.	N 08 N usand hour it	GISTRATIO N571DS nspection con pattery, energy blocks. Con	40-	AL# TAC & TOTAL TIME 995.9  alte per Diamond maintenance manual check list. Checked ELT (Due JULY 08). Drained sumps. Cleaned gascolator 2007-17-06 nose leg radius inspection. Next due at 1195.9
	DATE 09 JAN	108 N	GISTRATION 571DS	40-5	THE PARTY OF THE PROPERTY OF THE PARTY OF TH
	di	Wass IA 134	100	Can_	
	I certify that it reporting system \$9.4411 have Appendix E cautomatic presto.  SIGNED:  AEROT	em and the st been perform of Part 43 of source reporting	atic Flem te med and four this chapter, ysystem have t. DATE: N#:	st required by not to comply The altimete been tested	FAR have been performed. The abundance of been search with or and to: 18,000 feet DATE. 3/12/08
			has been Unit:  Date	performed and STX-3: 3/12/0' ne 1278.	8 N#: 571D\$
				AEROTI	RONICS, INC. C.R.S. NII2R031L
		- 1			CARRIED FORWARD

	ARLIN'S AIRCRAFT  SERVICE, INC.  36 GALLATIN FIELD BELGRADE MT (KBZN) PHONE: 406-388-1351 FAX 406-388-7417	; GN AT URE	LICENCE
DATE OF THE PARTY	REGISTRATION SERIAL # TAC & TOTAL TIME N571DS 40-571 1034.9  with S/B OSB-40-057-1 for gross weight increase. Adjusted elevator and instrumental supplement per S/B.  Wass A&P 1340061		
			-
	AIRFRAME LOG ENTRY N571DS		
to desking tight and this	Tach reads: 1095.0  HR inspection this date in accordance with FA  AR 91.207d ELT inspection. Battery due 5-09  -5-1. Complied with AD 2008-06-51 (fuel servances of plug. Next due 1145.0. AD's checked  AIRCRAFT has been inspected in accordance as determined to be in AIRWORTHY conditions.	Replaced instrument vo plug) by inspection through bi-weekly with a 100HR	
	as determined to be in Antwort 1111 condition	711.	
	Kevin Gaschler for Solo Aviation AP3257112		
			- A
	AIRFRAME LOG ENTRY N517DS	<u> </u>	
Time: 3/1-24-08	Tach reads: 1095.0	TTAF: 1095.0	
	IRCRAFT has been inspected in accordance ved to be in AIRWORTHY condition.	vith an ANNUAL inspect	ion
	Shall		
	John Solo for Solo Aviation AP385647801IA		
Control of the Contro			

DATE		ILY FAL	TIME	AL AIR SINCE	
	HRS.	MIN.	HRS.	FG. MIN.	ENGINEERING RECORD  NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COM
BROUGHT					
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Date	3-24-09		1571DS		Tach:
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satisf	325 >			1	ops checked and found
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					nd inspected on 24MARO9 and
					13. Appendix F. Automatic altitude I calibrated on 24mano7in
	complian	nce of 91	.411 FAI	R 43. App	pendix E, Paragraph (C) to K Ft.
	91 411 F	lave been	n perform	ned The	system tests required by FAR altimeter was tested on Ymero?
	By PR	EFER.	260 h	ANIONIE Ann	CS to ZOK Ft.
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ARED AVIONICS	PREFERRED AVIONICS
MI 48855	3679 Bowen Road
36-6143 Office	Howell MI 48855
PSF YPCR724X	800-736-6143 Office
ENANCE RELEASE	CRS# YPCR724X
Component was repaired with Federal	MAINTENANCE RELEASE This Aircraft Applies 10
and was found air and	This Aircraft Appliance/Component was repaired and inspected in accordance with Federal
details of the	Aviation Requirements and was found air
moder:	for return service. Pertinent details of the
Date: 2-11-1/1KD	are on file at this agency under:  W.O.No. 1197 Date: 24 MRX 03
€ F/T	$\square \cap \Pi$
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	Model: S/N \(\frac{\psi}{247817}\)
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0.475	DAILY TOTAL	TOTAL AIR	170	ENGINEERING RECORD	- 9
DATE	HRS. MIN.	MFG. HRS. MIN.	NOTE: USE BOT	H PAGES AND AS MANY LINES AS REQUI	RED FOR COMP
BROUGHT FORWARD	May 5, 2009 N	1 <b>571DS DA-4</b> 0 ned Pre-Purcha	Tach: 1157.4 use Inspection w	Airframe Entry ith following results.	
	2. Fitted a	nd installed all	l landing gear sk	cirts.	- 1
	3. Change	d L/H & R/H 1	MLG tires and t	ubes.	
	4. Repack	ed all wheel be	earings.		**************************************
	3. C/W A.	D 2007-17-06	By NDI inspect	ion of Pivot Axle area Next Due	@ 1357.4
	12 11101	uio oi zoo iioii	IS Which ever or	ocurs later.  (d), with expiration date of May 20	-
	6. Post ma	aintenance turn	performed satis	of (d), with expiration date of May 20	11.
<u>:</u>			T	raciory.	. 4
	Aero Services of Win 615 Airport Road St Winchester, VA 226 540-665-0193	ite 107		Jonathan G. Hisghman A&P25430	-
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7/149	Tirch 1191.5	die su	N 91: 1070	A KIT	
	ar 10M	5/11		1000	
	072-313	Sing Sing		OSA TIES B/N	
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	1584	c-060 /	Timo in	sution	
) reprie	VIIVIII				
IN ACCC	Y THAT THIS MAC	HAS BEEN	INSPECTED		
- WAS DE	TERMINED TO BE I	INSP	ECTION AND		
SIGNED	We Kins	OFFT "	Kans GIVI	D	
77	117	T- 00/11.#~	11111 044		
W. Lander		CR	S# YBJR768L		
	LANDMARI	(			
	AVIATIO	-	TE: 07-10-2009 G: N571DS	WORK ORDER: S20-09-00219 MAKE: Diamond	
Leesburg	ycolin Road Municipal Airport, Leesburg <sup>y</sup>	/A-20175 MC	DDEL: DA40	S/N: 40.571	
	771-0188 Fax: (703) 779-04		DBBS: 1528.9	TACH: 1191.6	
	placed main battery with new				100
_	d post maintenance systems				
DECLIE	TIONS AND CURRENT MAN	LIEACTURERS MANU	IALS AND WAS APPRO STATION UNDER THE I	DANCE WITH CURRENT FEDERAL AVIATION VED FOR RETURN TO SERVICE, PERTINENT REFERENCED WORK ORDER.	
			Kent	Dailey SIGNATURE	
	0			SIGNATURE	
					1788

			ATURE	LICENCE
2, 2009 N571DS Tac	oh•1240 1		11	NUMBER
tires to proper pre	25511re			
Checked lights for proper of	oneration		6.	
	operation,			
Smite 107	/-	08	_	
60m, Will. 22682	(Ni	enotas Bousquet A&P3359966		
		*	-	<b>-</b>
			-	
	CRS# YBJR768L			
LANDMARK				
IATION	DATE: 12-02-2009	WORK ORDER: \$20-09-00	7460	
Arport, Leesburg VA-20175	REG: N571DS MODEL: DA40	MAKE: Diamond		
Fax: (703) 779-0435	HOBBS: 1613.8	<b>S/N:</b> 40.571 TACH: 1256.7		
drottle lever to eliminate into	erference with propeller contr	al		
secured throatle control of with overhauled PALA	cable in oil sump bracket.	OI.	-	
thin overhauled P/N A.		aced missing mount hardware as needed.	Ş <del></del>	
	- 12			
systems check of af	orementioned repair(s). No de	efects noted at this time.	-	
BENTFIED ABOVE WAS REPAIR	RED AND INSPECTED IN ACC	ORDANCE WITH CURRENT FEDERAL A		
	FILE MUNICALS WIND MAY WE	PROVED FOR DECIDENTA REDVICE DE	VIATION RTINENT —	
ARE ON FILE AT THE	S REPAIR STATION UNDER	THE REFERENCED WORK ORDER.		
Marie Lin		SIGNETHOS		
新的一位 2017年	·	SIGNATURE		
		SIGNATURE		
	CRS# YBJR768L	SIGNATURE		
ANDMARK	CRS# YBJR768L	SIGNATURE		
ANDMARK	DATE: 12-02-2009	WORK ORDER: S20-09-00460		
ATION	DATE: 12-02-2009 REG: N571DS	WORK ORDER: S20-09-00460 MAKE: Lycoming		
DMARK ATION Lecsburg VA-20175 779-0435	DATE: 12-02-2009	WORK ORDER: S20-09-00460		
Lossburg VA-20175 779-0435	DATE: 12-02-2009 REG: N571DS MODEL: IO-360-M1A HOBBS: 1613.8	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A		
Leesburg VA-20175	DATE: 12-02-2009 REG: N571DS MODEL: IO-360-M1A HOBBS: 1613.8	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A		
Lessburg VA-20175 779-0435	DATE: 12-02-2009 REG: N571DS MODEL: IO-360-M1A HOBBS: 1613.8	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A TACH: 1256.7		
Lessburg VA-20175 779-0435 There for 650 RPM's There was check of a for	DATE: 12-02-2009 REG: N571DS MODEL: 10-360-M1A HOBBS: 1613.8 and 25 RPM rise. ementioned repair(s). No defe	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A TACH: 1256.7  ccts noted at this time.	IATION	
Lacesburg VA-20175 T79-0435 Three for 650 RPM's  Check of a for  WE WAS REPAIRE T MANUFACTURE	DATE: 12-02-2009 REG: N571DS MODEL: 10-360-M1A HOBBS: 1613.8 and 25 RPM rise. ementioned repair(s). No defe	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A TACH: 1256.7  Exts noted at this time.  DRDANCE WITH CURRENT FEDERAL AVIROVED FOR RETURN TO SERVICE. PER	IATION	
Lacesburg VA-20175 T79-0435 Three for 650 RPM's  Check of a for  WE WAS REPAIRE T MANUFACTURE	DATE: 12-02-2009 REG: N571DS MODEL: 10-360-M1A HOBBS: 1613.8 and 25 RPM rise. ementioned repair(s). No defe	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A TACH: 1256.7  ccts noted at this time.	IATION	
Lacesburg VA-20175 T79-0435 Three for 650 RPM's  Check of a for  WE WAS REPAIRE T MANUFACTURE	DATE: 12-02-2009 REG: N571DS MODEL: 10-360-M1A HOBBS: 1613.8 and 25 RPM rise. ementioned repair(s). No defe	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A TACH: 1256.7  Exts noted at this time.  DRDANCE WITH CURRENT FEDERAL AVIROVED FOR RETURN TO SERVICE. PER	IATION	
Lacesburg VA-20175 T79-0435 Three for 650 RPM's  Check of a for  WE WAS REPAIRE T MANUFACTURE	DATE: 12-02-2009 REG: N571DS MODEL: 10-360-M1A HOBBS: 1613.8 and 25 RPM rise. ementioned repair(s). No defe	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A TACH: 1256.7  Cots noted at this time.  DRDANCE WITH CURRENT FEDERAL AVIROVED FOR RETURN TO SERVICE. PERHE REFERENCED WORK ORDER.  SIGNATURE	TINENT	
Lacesburg VA-20175 T79-0435 Three for 650 RPM's  Check of a for  WE WAS REPAIRE T MANUFACTURE	DATE: 12-02-2009 REG: N571DS MODEL: 10-360-M1A HOBBS: 1613.8 and 25 RPM rise. ementioned repair(s). No defe	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A TACH: 1256.7  Cots noted at this time.  DRDANCE WITH CURRENT FEDERAL AVIROVED FOR RETURN TO SERVICE. PERHE REFERENCED WORK ORDER.  SIGNATURE	TINENT	
Lacesburg VA-20175 T79-0435 Three for 650 RPM's  Check of a for  WE WAS REPAIRE T MANUFACTURE	DATE: 12-02-2009 REG: N571DS MODEL: 10-360-M1A HOBBS: 1613.8  and 25 RPM rise.  ementioned repair(s). No defendant of the permit	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A TACH: 1256.7  Cots noted at this time.  DRADANCE WITH CURRENT FEDERAL AVIROVED FOR RETURN TO SERVICE. PER HE REFERENCED WORK ORDER.  SIGNATURE  SYVANIA State University Airport	TINENT	
Lacesburg VA-20175 T79-0435 Three for 650 RPM's  Check of a for  WE WAS REPAIRE T MANUFACTURE	DATE: 12-02-2009 REG: N571DS MODEL: 10-360-M1A HOBBS: 1613.8  and 25 RPM rise.  ementioned repair(s). No deference of the second	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A TACH: 1256.7  Cots noted at this time.  DRDANCE WITH CURRENT FEDERAL AVIROVED FOR RETURN TO SERVICE. PER HE REFERENCED WORK ORDER.  SIGNATURE  SYVANIA State University Airport Road	TINENT	
Lacesburg VA-20175 T79-0435 Three for 650 RPM's  Check of a for  WAS REPAIRE T MANUFACTURE	DATE: 12-02-2009 REG: N571DS MODEL: 10-360-M1A HOBBS: 1613.8  and 25 RPM rise.  ementioned repair(s). No defendant of the permit	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A TACH: 1256.7  Cots noted at this time.  DRDANCE WITH CURRENT FEDERAL AVIROVED FOR RETURN TO SERVICE. PER HE REFERENCED WORK ORDER.  SIGNATURE  SYVANIA State University Airport Road	TINENT	
Lessburg VA-20175 779-0435 The for 650 RPM's  E WAS REPAIRE T MANUFACTURE E ON FILE AT THIS	DATE: 12-02-2009 REG: N571DS MODEL: 10-360-M1A HOBBS: 1613.8  and 25 RPM rise.  ementioned repair(s). No deference of the second	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A TACH: 1256.7  Cots noted at this time.  DRDANCE WITH CURRENT FEDERAL AVIROVED FOR RETURN TO SERVICE. PER HE REFERENCED WORK ORDER.  SIGNATURE  Syvania State University Airport Road PA 16803	ity	
Lessburg VA-20175 779-0435 The for 650 RPM's  E WAS REPAIRE T MANUFACTURE E ON FILE AT THIS	DATE: 12-02-2009 REG: N571DS MODEL: 10-360-M1A HOBBS: 1613.8  and 25 RPM rise.  ementioned repair(s). No deference of the second	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A TACH: 1256.7  Cots noted at this time.  DRDANCE WITH CURRENT FEDERAL AVIROVED FOR RETURN TO SERVICE. PER HE REFERENCED WORK ORDER.  SIGNATURE  Syvania State University Airport Road PA 16803	ity	V:,
Lessburg VA-20175 779-0435 The for 650 RPM's  E WAS REPAIRE T MANUFACTURE E ON FILE AT THIS	DATE: 12-02-2009 REG: N571DS MODEL: 10-360-M1A HOBBS: 1613.8  and 25 RPM rise.  ementioned repair(s). No deference of the second	WORK ORDER: S20-09-00460 MAKE: Lycoming S/N: L-32307-51A TACH: 1256.7  Cots noted at this time.  DRDANCE WITH CURRENT FEDERAL AVIROVED FOR RETURN TO SERVICE. PER HE REFERENCED WORK ORDER.  SIGNATURE  SYVANIA State University Airport Road	ity	V:,

multion for The Pennsylvania State University.

_		CRS# YBJR768L		
	LANDMARK			QUIRED FOR COM
	AVIATION	DATE: 01-19-2010	WORK ORDER: S20-10-00521 MAKE: Diamond	
	1005A, Sycolin Road Leesburg Municipal Airport, Leesburg VA-20175	REG: N571DS MODEL: DA40	S/N: 40.571	
-	Tel: (703) 771-0188 Fax: (703) 779-0435	HOBBS: 1623.9	TACH: 1262.1	
_	Replaced broken alternator ground wire termin	nal and re-secured wire harness.		
_	Performed post maintenance systems check of afore	ementioned repair(s). No defects no	sted at this time.	: <u></u>
_	THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED REGULATIONS AND CURRENT MANUFACTURERS DETAILS OF THE REPAIR ARE ON FILE AT THIS R	S MANUALS AND WAS AFFROVED	JI OK KETOKK TO BEKARDE TEKKELEN	
		_//2	SIGNATURE	
			SIGNATURE.	
_				
		(#C		
	and corrosion with normal  3. Checked all lights for prop  4. Inspected tires for conditio  5. Checked brake linings, cali  6. Cleaned battery box area, s  7. This ELT has been inspect  8. Inspected instrument panel  9. Cleaned belly of aircraft as  10. Installed new rubber space  11. Lubricated nose landing ge  12. Post maintenance turn perf  Aero Service of Winchester, Inc.  615 Airport Road Suite 107  Winchester, VA 22602  540-665-0193  airwort	tion IAW approved checklist inspected and lubricated all stresults. er operation. In and serviced to proper preserviced and charged battery ed IAW FAR 91.207 (d), extly, engine and flight controlsts or required. In the serviced surples is required.	essure.  viced and bled entire brake system.  vas necessary.  rapiration date of May 2011.  in cockpit area for any malfunctions  I certify that this AIRCRAFT has be	s
_				
_				
	—— August 6, 2010 DA-40	N571DS TACH- 13	30 0	
	1. Checked all lights for p			
-	2. Inspected tires for cond	dition, and serviced to prope	er pressure.	
-	<ol> <li>Installed NLG skirt mi</li> </ol>	ssing hardware.		

4. Post maintenance turn performed satisfactory with no leaks noted at this time.

Jonathan Hisghman A&P254307

Aero Services of Winchester, Inc. 615 Airport Road Suite 107

Winchester, VA 22602 540-665-0193

Ell-Order				
STIDS  ESS Detabase card of the state of the	Tach: 1349.9 updated this date: 8-19-10 1770 CFI: LOWBLOODS V	ME COLUMNS.	SIGNATURE	LICENCE
5705	Tach: 1367.0 =			
card upda 3390112 Cl	Tach: 1376.3 - ted this date: 10 15 16 FI: 1511 Brades 4			
	-			-
Cpened all access Cpecked all light Insected tires for alled new MI Inselled new NL Inselled n	anding gear system.  turn performed satisfactory.  IDI Inspection of NLG Fork/Axle, Next anspection of fuel injector lines, Next due  I certify that this AIRCRAFT has been inspected in accordance with a 100 HOUR	earings.  ed and bled entire bra necessary.  ation date of May 201 cockpit area for any m	alfunctions.	
23602	inspected in accordance with a 100 HOOR inspection and determined to be in airworthy condition.  Justin Craig Farris A&P3146596	inspection and determi airworthy condition.	e with an ANNUAL ned to be in	
57/0.5 Deabase update	Tach: 1401-/	é		*
3390112	Tach: 1419 0  ed and current to: 1-12-11  CFI: 12-1   Breadish  Tach: 1427.6  d current to: 2-10-11			
3390112 CFI	Ren Brolish.			

Abbitoving National Systems	AUTHORIZ	ED RELEAS	
Authority Country	AUTHURIZ	120.2 AIDWORTHINE	MECO!
AA/UNITED STATES		130-3, AIRWORTHINE	
ganization: GARMIN Internation	onal 1200 E 151st Olathe, k		
n: 7 Description:	8. Part Number:	9. Eligibility: *	DE .
GDU1040	011-00972-00	N/A	
GD 0.1.1			
This point is Ne	wly Overhauled. It has been analy	yzed, reworked, tested, and confo	The same
•		west system software once the un	-
perating software for this unit must lading of this software can be verifie	a by teletring to the	li i	age 16
is "Certifies that the work specified	in block 12/13 was carried out in	accordance with EASA Part-143	7
5 Approval Number: EASA, 143,33	34". The work that was performed	g Off this tank true at	
nte 9/29/2010			
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	φ.		00251
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Customer	Max. Calib. Alt.  Test Point  -1000		nd
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		ICURS B. RETI	LIEN TO
Ruen		RENCE	ED WOR
	200		
DS Tac	ch: 1446 9	· 2	
V data updated and curren			
dish 3390112 CFI:	2n Brodesh		
	CRS# YBJR768L		
LANDMARK		1919 1	- 4
AVIATION	DATE: 03-15-2011 REG: N571DS	WORK ORDER: A20-11-0025 MAKE: Diamond	<b>54</b>
A, Sycolin Road burg Municipal Airport, Leesburg VA-2017		S/N: 40.571 TACH: 1449.9	
703) 771-0188 Fax: (703) 779-0435	HOBBS, 1000.5	c system(s) have been tested to	20K
rtify that the altimeter(s), transpond as required by 14 CFR Part 91.411	der(s), altitude reporting and start and 91.413. These systems comply	with 14 CFR appendices E and F.	2
	1-00882-00 S/N: 47805363	X CHECK IF ENCODING	
I IIVILI LIK 1/1 LD C.	5934PD-3 S/N: 447817	CHECK IF ENCODING	
	1-00779-10 S/N: 84701033	_	
ANSPONDER 1: P/N: 01	S/N:		
I HVIL I LIK 2.	S/N: S/N: S/N:	<del>-</del> -	

SIGNATURE

ORDER.

### CRS# YBJR768L



1005A, Sycolin Road Leesburg Municipal Airport, Leesburg VA-20175 Tel: (703) 771-0188 Fax: (703) 779-0435 DATE: 07-01-2011 REG: N571DS MODEL: DA40 HOBBS: 1930.3 WORK ORDER: A20-11-00332

DUIRED FOR COMP

MAKE: Diamond S/N: 40.571 TT: 1496.9

Reconfigured transponder referencing the G1000 System Maintenance Manual for Diamond doc# 190-00545-01.

Performed post maintenance systems check of aforementioned repair(s). No defects noted at this time,

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED, INSPECTED AND RAMP TESTED IN ACCORDANCE WITH CURRENT
FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO
SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK
ORDER.

CRS# YBJR768L



1005A, Sycolin Road Leesburg Municipal Airport, Leesburg VA-20175 Tel: (703) 771-0188 Fax: (703) 779-0435 DATE: 08-04-2011 REG: N571DS MODEL: DA40

MODEL: DA40 HOBBS: 1965.0 WORK ORDER: S20-11-01424
MAKE: Diamond

MAKE: Diamond S/N: 40.571 TACH: 1524.0

Replaced pilot's rudder pedal adjustment cable with new P/N 20-2700-21-00.

Performed post maintenance systems check of aforementioned repair(s). No defects noted at this time.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE REFERENCED WORK ORDER.

SIGNATURE

## August 18, 2011 N571DS Tach: 1528.4

- 1. Checked all lights for proper operation.
- 2. Inspected NLG and set Tennsion IAW M/M.
- 3. Installed New L/H & R/H MLG tires and tubes.
- 4. Serviced all tires to proper pressure.
- 5. Replaced L/H inboard brake lining.

Arthur L. Atwood II A&P3168854

August 18, 2011 N571DS Tach: 1528.4

1. Changed oil and oil filter CH48110-1 and added

8 quarts Aero Shell 15w50 oil.

2. Post maintenance turn performed satisfactory.

Jonathan Hisghman A&P254307

N 57/DS Tach: 1551. 3

GPS NAV data updated and current to 20-30-1/

R.M Bradish 3390112 CFI: DV Bradish

D

	INSPECTION, REPA	RS & REPLACEMENT		aren ta jre	LICENCE
Mound	er 4, 2011 N571DS DA4	0 Tach: 1578 8			NUMBER
2	Performed Annual Insp		and Detail of FAR43	Annendix D	
2	Opened all access pane	•			
3	Checked all lights for pr	· ·	reaced an ingric contro	i iiiiiku Buuri	
4	Geaned strobe light ler			***************************************	
-	Installed new hardware		er.	7	
6	Inspected tires for cond				
7	Checked calipers and d	m			
8	Installed new lining on		roca chene brake syste		
9	Repaired NLG Fairing m		stalled proper hardwar	·e.	
100	Geaned battery box are	_			
71	This ELT has been inspe		•	•	
12	Inspected instrument p				
13	Cleaned belly of aircraf		no in cockpic for manai		
14	Lubricated nose landing	'			
25	Post maintenance turn	_ ,	rv.		
SECURIOR STATE OF THE PARTY OF	009-10-04 By NDI Inspect		•	or Nov 2012.	
	208-14-07 By inspection		•		
	and the state of the postulation	o,,			
TrenSenios	of Winchester, Inc.		certify that this AIRFRAME ha		
	and Suite 107 4. 22692		nspected in accordance with a nspection and determined to b		
W-46-229	22002		irworthy condition.	, — — — — — — — — — — — — — — — — — — —	
			1 -11 11 1	<b>2</b>	
	Tach: 15	95.9	onathan Hisghman A&P 25430	7IA	
THE PERSON NAMED IN	dated and current to:/-	12-12			_
WH 223	112 CFI: ROM3 L	select.			
	112 011				
				-	
		CRS# YBJR768L		3	
A . A	NDMARK				
	ATION	DATE: 01-05-2012	WORK ORDER: S20-	11-01639	
AND DESCRIPTION	=	REG: N571DS	MAKE: Diamond S/N: 40.571		
Marin Winds	Leesburg VA-20175	MODEL: DA40 HOBBS: 2056.7	TACH: 1595.9	*	
	<b>(703)</b> 779-0435	2010441D (Cool	Dukes Aerospace 8130-3 form	R88192 dated	
Consult of	pump with overhauled P/N	5100-00-9, S/N 9441B (See )	Jukes Merespare		
	THE (BETTANDS).			,	
and the same of	systems check of aforer	nentioned repair(s). No defect	S HORE IN THE SURPLINE FEDE	PAL AVIATION	
	FIED ABOVE WAS REPAIRED	AND INSPECTED IN ACCOR	DANCE WITH CURRENT FEDE OVED FOR RETURN TO SERVI REFERENCED WORK ORDER	CE. PERTINENT	
To the same	RENT MANUFACTURERS	PAIR STATION UNDER THE	REFERENCED WORK ORDER		
Salt realist	E AREON FILL M	//-			
			SIGNATURE		
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THES	Tach:	1595-9		·	
	mupdated and current to				
	CONTRACTO PONT	1 D. L. 1			

	CRS# YBJR768L		ED FOR COMPLE
LANDMARK A V I A T I O N  1005A, Sycolin Road Leesburg Municipal Airport, Leesburg VA-20 Tel: (703) 771-0188 Fax: (703) 779-0435		WORK ORDER: A20-11-00428 MAKE: Diamond S/N: 40.571 TT: 1581.9	
Re-connected ELT remote switch ha	rness to ELT transmitter and tested.	d at this time	
<ul> <li>Performed post maintenance systems chec</li> </ul>	k of aforementioned repair(s). No d	P TESTED IN ACCORDANCE WITH CURRENT NUALS AND WAS APPROVED FOR RETURN TO PAIR STATION UNDER THE REFERENCED WORK	
ORDER.		SIGNATURE	
mary.	CRS# YBJR768L	ě	
LANDMARK A V I A T I O N 05A, Sycolin Road esburg Municipal Airport, Leesburg VA-20175	DATE: 02-13-2012 REG: N571DS MODEL: DA40	WORK ORDER: A20-12-00459 MAKE: Diamond S/N: 40.571 TT: 1634.6	
Removed Pitch Servo P/N 065-00178-2500 S form # 224238 dated 12/20/2011 for details).	HOBBS: 2103.3  /N 8402 and replaced with OH S/N Replaced Diamond DA40 maintena	6130 (See Southeast Aerospace 8130-3	
form # 224238 dated 12/20/2011 for details). erformed post maintenance systems check of afor	Topicoon		Tal 14
erformed post maintenance systems check of allow HE ARTICLE IDENTIFIED ABOVE WAS REPAIRE EDERAL AVIATION REGULATIONS AND CURRE ERVICE PERTINENT DETAILS OF THE REPAIR ORDER	D INSPECTED AND RAMP TESTE	AND WAS APPROVED FOR RETURN TO ATION UNDER THE REFERENCED WORK	
N.57/DS Tach: // GPS NAV data updated and cur to: 5-3-12 R.M Bradish 3390112CFI;	bbo.Ö rent Brodsh	N 57105 Tach: 16 GPS NAV data updated and curre to: 5-30-12 R.M Bradish 3390112CFI: 1000	
N_57/DS Ta GPS NAV data updated and to: 6-78-73 R.M Bradish 3390112CFI:	ich: 1708-4 - d current -		
			0
	CARR	IED FORWARD	0.00

HEATTER THE CO.	ECTION, REPAIRS & REPLACEMENT  LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.  SIGNATURE	LICENCE					
		NUMBER					
	2512 N571DS DA40 Tach: 1678.1 TAT: 1678.1						
	Annual Inspection IAW the Scope and Detail of FAR43 Appendix D.						
	an access panels, inspected and lubricated all flight control linkages	-					
	all lights for proper operation.						
L/H MLG tire, repacked wheel bearings and serviced to proper pressure.							
Calipers and disc condition and serviced entire brake system							
2	new brake lining on L/H outboard and both on R/H side						
	battery box area, serviced and charged battery as necessary.						
	ELT has been inspected IAW FAR 91.207 (d), expiration date of June 2013.						
100	bolly of aircraft as a significant state of same 2013.	7					
173	desired belly of aircraft as required.	-					
122	washed aircraft as requested.						
13							
CON NO Z	maintenance turn performed satisfactory.	1					
SER AD	10-04 By NDI Inspection of NLG Fork/Axle, Next due @ 1878.1 or April 2013.	+					
	2008-14-07 By inspection of fuel injector lines, Next due at 1778.1						
	inspected in accordance with a 100 HOUR inspection and determined to be in airworthy condition.						
	Justin Woldorf A&P 3147596 Arthur L. Atwood II A&P3168854IA	+					
	1 ACT 51000541A						
line 4, 2)	012 N571DS DA 40 Tach: 1724 C						
	012 N571DS DA 40 Tach: 1724.6 Serviced tires to proper processing						
	012 N571DS DA 40 Tach: 1724.6 Serviced tires to proper processing						
2	012 N571DS DA 40 Tach: 1724.6  Serviced tires to proper pressure.  Checked all lights for pressure.						
2	012 N571DS DA 40 Tach: 1724.6  Serviced tires to proper pressure.  Checked all lights for pressure.						
3	O12 N571DS DA 40 Tach: 1724.6  Serviced tires to proper pressure.  Checked all lights for proper operation.  Replaced inoperative stall warning unit with new unit.						
3	O12 N571DS DA 40 Tach: 1724.6  Serviced tires to proper pressure.  Checked all lights for proper operation.  Replaced inoperative stall warning unit with new unit.						
3	O12 N571DS DA 40 Tach: 1724.6  Serviced tires to proper pressure.  Checked all lights for proper operation.  Replaced inoperative stall warning unit with new unit.						
3	O12 N571DS DA 40 Tach: 1724.6  Serviced tires to proper pressure.  Checked all lights for proper operation.  Replaced inoperative stall warning unit with new unit.						
3	O12 N571DS DA 40 Tach: 1724.6  Serviced tires to proper pressure.  Checked all lights for proper operation.  Replaced inoperative stall warning unit with new unit.						
3.	O12 N571DS DA 40 Tach: 1724.6  Serviced tires to proper pressure.  Checked all lights for proper operation.  Replaced inoperative stall warning unit with new unit.						
3.	O12 N571DS DA 40 Tach: 1724.6  Serviced tires to proper pressure.  Checked all lights for proper operation.  Replaced inoperative stall warning unit with new unit.						
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3	O12 N571DS DA 40 Tach: 1724.6  Serviced tires to proper pressure.  Checked all lights for proper operation.  Replaced inoperative stall warning unit with new unit.						
3.	O12 N571DS DA 40 Tach: 1724.6  Serviced tires to proper pressure.  Checked all lights for proper operation.  Replaced inoperative stall warning unit with new unit.						

_		
	July 13, 2012 N571DS DA40 Tach: 1778.3 TAT: 1778.3	
	1. Performed Annual Inspection IAW the Scope and Detail of FAR43 Appendix D	) e-
-	- 2. Opened all access panels, inspected and lubricated all flight control linkages	
	3. Checked all lights for proper operation.	
_	4. Replaced BOTH MLG and nose tires, repacked wheel bearings and serviced to	nroper preceure
-	5. Checked callpers, disc condition, replacing all linings and serviced entire brake	evetem —
-	- Cleaned battery box area, serviced and charged hattery as necessary	
_	7. This ELT has been inspected IAW FAR 91.207 (d) expiration date of June 201	3
	o. Inspected instrument panel and flight controls in cocknit for malfunctions	J
-	Replaced R/H hap bonding wire terminal end	
-	- 10. Performed fiberglass repair on L/H, R/H wheel fairings	
_	11. Performed fiberglass repair on lower engine cowling	
	12. Cleaned and inspected R/H lower wing outboard access panel drain as any	_
-	11. It is a surface of the surface o	√
-	- 14. Re-painted non-skid walkway material on pilots entry step.	
_	15. Cleaned, inspected, lubricated and NLG assembly and set torque to specs in M.	· -
	16. Installed rubber washer under L/H wing tie down point.	M
-	The series and the first will be from both	
	- continuation turn beinging sanstactive	•
	- C/W AD 2009-10-04 By NDI Inspection of NLG Fork/Axle, Next due @ 1878.3 or April C/W AD 2008-14-07 By inspection of find in the Next due with the company of the company	2013.
•	C/W AD 2008-14-07 By inspection of fuel injector lines, Next due at 1878.3	
	- Aero Service of Winchester, Inc. I certify that this AIRCRAFT has been I certify that this AIRCRAFT has been	
	615 Airport Road Suite 107 inspected in accordance with a 100 HOUR inspected in accordance with an ANNU	n AT.
	540-665-0193 inspection and determined to be in	:
-	airworthy condition.	
12	Total Futal	
- 62	Joseph Furtado Trainee Arthur L. Atwood II A&P316883	541A
-	N571DSTach: 1798.0	
3	GPS NAV data updated and	····
1	current to: & - \frac{1}{2} - \frac{1}{2}	
	R.M Bradish 3390112CFI DomBrackerh	
3		F -
	- September 14, 2012 N571DS DA-40 Tach: 1830.4	\$ -
-	1. Performed mid cycle oil service.	3
	2. Changed oil and oil filter CH48110 and added 8 quarts Aero Shell 15w50.	3
10	3. Washed engine and lubricated controls.	3
	4. Post maintenance turn performed satisfactory.	五百 四 —
11	- 1 Ost maintenance turn parameter.	1 P 1 P
	Aero Services of Winchester, Inc.	215 Et 2
•	615 Airport Road Suite 107 Justin Woldori A&F 1147570	198 -
	Winchester, VA 22602 540-665-0193	# 19 / 68 —
•	September 14, 2012 N571DS DA-40 Tach: 1830.4	ا <b>تع</b> عاد ا
2		NAV da ent to: Z Bradish
	<ol> <li>Serviced tires to proper pressure.</li> <li>Checked brakes for wear.</li> </ol>	A A A A A A A A A A A A A A A A A A A
	3. Checked lights for proper operation.	Jan —
	1 11   1 11   1 10	R S7/A GPS NAN Current 1 R.M Bra
	4. Replaced R/H wing, aft white nav bulb and lens.	
	Acro Services of Winchester, Inc.	
(	615 Airport Road Suite 107  Justin Woldorf A&P 3147596	· ·
	Winchester, VA 22602	

	<u> </u>	Number:	
		3. Form Tracking Number:	AND
E CERTIFICATE		12022102	
ESS APPROVAL T	AG		
ESS ALLICO		5. Work Order/Contract/	
		Invoice Number:	RECORD IES AS REQUIRED FOR CO
		12022102	IES AS REGULAED FOR C.
Rd.		12022102	
852SW)		1	
	11. Serial/Batch	12, Status/Work:	
10. Quantity	Number:		
		See Block 13.	
	F4L-390813	266 Diocu	
1			
1	1		******
NCE WITH 14 CFR § 43.	3(j).		
		gulation specified in Block 13.	
14 CFR 43.9 Return t			VIATIBN
		ork identified in Block 12 and	Tach: 1924.60
ties that unless otherwise t	spectified in accordance wi	ork identified in Block 12 and ith Title 14, Code of Federal are approved for ret	
lations, part 43 and in res		oval/Certificate No.:	ding to Bendix/King KAP 140
uthorized Signature:	/ / 21. Appre	3Vap Comme	KAP140 Installation Manual Section
10 0	Spell PQ0	852SW	
ame (Typed of Printed	1600	e (m/d/y):	A Land IAM Diamond DA
		B 21 2012	)ps check good IAW Diamond DA
Larry Hale	A	O Z I Z	
ponsibilities:			:ernator PN: ALU-8521, SN: H-
	istall the part/assembly.	·e 1	PN: D41-7166-21-00_1 with new
ISTRUME MADE TO	a show the Airworthine	ess Authority of the country specified iness authority of the country specifie	d in
hiness authority dif	semblies from the airworth	ess Authority of the country specific iness authority of the country specific	
arreomponents			
li .			ers of fiberglass in a 45 degree layout.
רווח	ned and painted insid	de. Smoothed outside of cov	vling with body filler. All work was done with AC43.13-1b used as
	ference.		
THE	ARTICLE IDENTIF	IED ABOVE WAS REPAIR!	ED AND INSPECTED IN ACCORDANCE WITH CURRENT
	DERAL AVIACION I	REGULATIONS AND CURR	ED AND INSPECTED IN ACCORDANCE WITH CURRENTED FOR ENT MANUFACTURERS MANUALS AND WAS APPROVED FOR ENT MANUFACTURERS MANUALS AND WAS APPROVED FOR ETHE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER
DE	THIRN IO SERVICE		THE REPAIR ARE ON FILE / THUS
TH	E REFERENCED V	VORK ORDER.	
	$\sim$	< =	N571DS Tach: 1931.1
	Si	ignature	N571DStated and
	,	.g//21	GPS NAV data updated and
			current to: 1-7-13 R.M Bradish 3390112CFI Confus
			R.M Bradish 3390112CF1
			1
		imad	
	eesburg Executive A 005 Sycolin Rd	Airport	
9.9	eesburg, VA 20175		
ESCHOOL SECTION AND ADDRESS OF THE PARTY OF			A V 1 A 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1
D	ate: 2/06/2013: Airc	raft: N571DS; Type: DA-40;	S/N: 40.571; Hobbs: 2514.80; Tach: 1938.40
	hop Order #: S01-10	0258	
E		. The root holt buckle ass	y, PN: B/5-01-2G0701rev B.
· :	HE ARTICLE IDENT	IFIED ABOVE WAS REPAI	RED AND INSPECTED IN ACCORDANCE WITH CURRENT RENT MANUFACTURERS MANUALS AND WAS APPROVED FOR
F	EDERAL AVIATION	REGULATIONS AND CUR	RED AND INSPECTED IN ACCORDANCE WITH CONTROL  RENT MANUFACTURERS MANUALS AND WAS APPROVED FOR  PETHE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER
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Т	HE REFERENCED	WORK OKDER.	
EU.	0024		
	Jan-1-	Signature	
	1		
			CARRIED FORWARD



## ALTIMETER CALIBRATION RECORD 14 CFR Part 43 Appendix E CRS# 2PJR099M

Customer JAMES FUSSEL

W.O. No. 15/1-100104

Max. Calib. Alt. 2000 FT S/N 47805363 P/N GAC 74 MFGR. GARMIN Test Scale Encoder Friction Hyst. Barom. Scale Error **Point** Error Test ±75' Set Equiv. (±25') ± Inst. ±125 Feet Inst. 50% 40% Point Inst. Read -980 -1000 20 -1000 28.10 -17270 20 20 D 28.50 -1340500 20 520 500 29.00 -863 1000 20 1020 1000 70 29.50 -392 1500 25 1520 1500 29.92 0 2000 30 2020 2000 70 30.50 531 3000 30 3020 3000 70 30.90 893 4000 4020 30.99 974 5000 5020 5000 70 6000 40 System Leak check: 6020 6000

Tpe: DA-40; S/N: 40.571; Hobbs: 2522.00; Tach: 1943.10

desassembled, replaced inner tube, PN: 097-500-0, and tire, PN: 072-449-0, the reinstalled. All work was performed I/A/W Diamond AMM Chapter 32-10-00.

er testing required by FAR Part 91.411 & 413. Found all systems to meet E & F. Transponder Garmin GTX33 s/n 84701033. Garmin GDC74 s/n wifed p/n 5934PD-3 s/n 447817.

WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT S AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER



Type: DA-40; S/N: 40.571; Hobbs: 2537.00

Removed and reinstalled inner tube valve core. Filled with air and tested inner No leaks noted. Reassembled inner tube and wheel assembly then installed on

ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT TEST ATIONS AND CURRENT MANUFACTURERS MANUALS AND WAS APPROVED FOR PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

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	the same	AIR TIME AND	
SF	Leesburg Executive Airport 1005 Sycolin Rd		
IL.	Leesburg, VA 20175 CRS 2PJR099M	PROJET:	
	Date: 4/02/2013: Aircraft: NE71Ds	S; Type: DA-40; S/N: 40.571; Hobbs: 2543.00	ORC
C	•		S REQUIRED
	Removed RH main wheel inner tub	pe, PN# 097-500-0 and replaced with new.	( <del>)</del>
	THE ADTIOLE ISSUED		
	RETURN TO SERVICE, PERTINE	E WAS REPAIRED AND INSPECTED IN ACCORDANCE W DNS AND CURRENT MANUFACTURERS MANUALS AND V NT DETAILS OF THE REPAIR ARE ON FILE AT THIS REP ER	/ITH CURRENT
	THE REFERENCED WORK ORDE	ONS AND CURRENT MANUFACTURERS MANUALS AND V NT DETAILS OF THE REPAIR ARE ON FILE AT THIS REP.	AIR STATION UNDER
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	N-50 (29)		
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	on interest in the second in t	2000	N E E E
			onform peratic
	acking Number: 79786-001 79786 79786		\/ H
	oo1	;	T R
	Numb 6-0		
	cking Number: 79786-001 Contract/Invoice	0)	ed in Blook
	3. Form Tracking P 27978 5. Work Order/Contract 279786	886	Sed for
	3. Form Track 27. 5. Work Order/O 27.		in Block 13, the work identified in Block shed in accordance with Title 14, edge and to that work, the iteme are approved 21. Approval/Ce
	Work Work		Appr Paris
	Serial/		Title atti
	F		A idea with T
	tity		ance the
	Quantity	i i	Sord to the
	10.0	1	Other rock 13, the worn in accordance that work, the
	passeu		shed in Bload in Bloa
	THE ARTICLE IDENTIFIED ABOV	VE WAS REPAIRED AND INSPECTED IN ACCORDANCE V	and the state of t
	, see our month negotati	ONS AND CURRENT MANUFACTURERS MANUALS AND VENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REP	4/4.0 4.0.0
	THE REFERENCED WORK ORD	ER.	AIR STATION UNDER
	- Cherry		
	Signature		
1		t t	

rch 3, 2014 N571DS  1. Performed Hard Land	DA40 TACH: 2034.6 TATE	: 2034.6 I Aircraft Maintenance Manual.	LICENCE	
Services of Winchester, Inc. Road Suite 107 Legan, VA 22602	Jonathan Hisghman A&P254	307		
			512	
			<del></del>	
1. Performed Annual In 2. Opened all access par 3. Checked all lights for 4. Inspected tires for cor 5. Checked brake lining. 6. Cleaned battery box a 7. This ELT has been in 8. Inspected instrument 9. Installed complete NI 10. Installed complete NI 11. Installed complete NI 12. Installed complete NI 13. Installed complete NI 14. Installed complete NI 15. Installed complete NI 16. Installed new Hobbs 17. Installed new Hobbs 17. Installed new Com A 18. Installed new brake b 19. Installed new center l 20. Post maintenance turn CW AD 76-07-12 Bendix CW AD 2011-26-04 by in AD 2009-10-04 for l No longer required d 20. No longer required d 21. No longer required d 22. No longer required d 23. No longer required d 24. No longer required d 25. No longer required d 26. No longer required d 27. No longer required d 28. No longer required d 29. No longer required d 30. No longer required d 30. No longer required d 31. No longer required d 31. No longer required d 32. No longer required d 33. No longer required d 34. No longer required d 36.	ndition, and serviced to proper pressus, calipers and disc condition, serviced and charged battery.  spected IAW FAR 91.207, IAW with panel, engine and flight controls in cell W NLG Strut assembly D41-223-16 EW NLG Dampener Assy PN: D41-3 EW NLG Cover Assy PN: D44-3226 EW NLG Fairing Set DA4-3225-91-16 EW Fire Protection Sheet #1 PN: 41-3 EW NLG Stop Plate PN: D41-3223-0 EW NLG Stop Plate PN: D41-3223-0 Meter with reading of 0000.0.  Intenna PN: DMC63-2 SN: 25762.  Indeeder valves on both sides.  In performed satisfactory with no leak-	ht control linkages.  are. ed and bled entire brake system.  h an expiration date of December 2015 cockpit area for any malfunctions. 0-00-2 MOD. 3223-20-00-1. 7-90-00WIP. 000X SET5300-00-02-1. 5300-10-00-1. 0-51.  as noted at this time. atisfactory. Next due @ TACH: 2134 xt Due @ 2134.6	.6	The Pine State
			1.	_ ~
1 I have in it to be	N571DS DA-40 Tach: 2035 spected this aircraft to the extern an Airworthy condition for a hester, Inc. 107 conathan H	the Hushing and determined ferry flight from KOKV to KRU Hushing and MP254307	JQ.	

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DATE		ILY TAL	TIME	SINCE FG.	ENGINEERING RECORD  NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND AS MANY LINES AS REQUIRED FOR COMMENTAL PROPERTY OF THE PAGES AND ASSESSED FOR THE PAGES AS ASSESSED FOR THE PAGES AS ASSESSED.
2014	HRS.	MIN.	HRS.	MIN.	NOTE: 552 50 III / ROLL AND ADMINISTRATION
BROUGHT FORWARD	1				
Aug. 15			2037	5	
- took	1		200		
			1	1	SouthTecAviation Mobile (334) 728-6806
<del></del>			-	-	Date: Aug.15 2014 DA40.571 Reg: N571DS
		<del>\</del>	<b>\</b>	-	Tach: 2037.5 TT: 2037.5 hrs.
		+	1	+	Completed repairs to NLG structure I/A/W Diamond Aircraft RAM 40-166 dated May 2014 and Diamond Aircraft AMM chapter 51. Repair area painted to match existing
8 <del></del>	_	1	<del>-/</del>	+	Paint.  1 certify the repairs were made in IVANN Instructions in RAM 40-166, and Diamond A
					Chapter 51. Operation of NLG checked and Aircraft returned to Service.
					Glenn M. Lawler AP 2151929 IA
					Glefit W. Lawlet AP 2151929 IA
4					
/ <del>1</del>	}				
***					SouthTecAviation
			,		Mobile (334) 728-6806
)					Date: Aug. 15 2014 DA40.571 Reg: N571DS Tach: 2037.5 TT: 2037.5 hrs.
***************************************					Completed the following: 1.) Removed old stripes, buffed paint to good gloss. Applied  New modern Stripes and N#. 2.) Painted new Safety walks on center section. 3.) New  New modern Stripes and N#. 2.) Painted new Safety walks on center section. 3.) Installed new
*****					New modern Stripes and N#. 2.) Fallow New Modern N
					T-Seals both wings.  T-Seals both wings.  T-Seals both wings.  T-Seals both wings.
					C/W MSB 40-067 Checking of Enlergeticy Exit corons
					C/W ATA. Chapter 51 Electrical Bonding 1652 (1666).
/ <del></del>					C/W AD 2014-13-8 Reinforcement of Rear Main Spar by compliance
( <u> </u>					I certify the above Items were Completed VAVV Diamond Aliciait DATO Alicia
					Applicable FAR's.
					Glenn M. Lawler AP 2151929 IA
		-			
Skylin	e Aviation Se	rvice Centi	er 1005 S	ycolin Rd	Leesburg Executive Airport Leesburg, VA 20175
LOG II	D# 2081 31-	October-2	014 WO# MOND AIR	2047/1 A	C TT 2049.7 HOBBS 2049.7
					Pg 1/1
COHINGO	LUIS WILLI	COLLIGE	rieaner a	nd Att St	ol Computer p/n 065-00176-7703 s/n 9163 and treated D. Reinstalled Flight Control Computer. Performed ramp
CIPCK	and premi	ignic ces	t, roung	satistact	fory at this time.
clevat	or trim fr uired at t	TCTTON D	tock, Ops	check wa	eaned, lubed and adjusted tension. Reinstalled as found satisfactory at this time. No further action
The a	rticle ide	ntified	ahove was	repaired	and inspected in accordance with current federal
aviati	on regulatent detail	s on file	current	manufactı	reers manuals was approved for return to service.
-	13 1		C.		, /

And the second s		
INSPECTION, REPAIRS & REPLACEMENT  A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS	SIGNATURE	LICENCE NUMBER
8,2015 TACH: 2097.3. ACTT = 2097.3		
PERFORMED AWNUAL INSPECTION DER H	AI CHECKYST	
2015-05. INSPECTED & TESTED ELT	· · · · · · · · · · · · · · · · · · ·	
STARKY UNE 15. KEPLAUS BOX	21 21 -	
BLG. UXG CONDOR. (EDIALDA BOX	/	
CALIDER - ADJUSTED NOSE STEERING	En L.H. Bra	
OH 40 MINT	6N370N 70	
WAS DETERMINED TO BE IN AND	WARD AIRCRAFT INC. 2145 Keey Island Rd.	
SIGNED & COLOR CERT. # AGEZTS 8458 IA	tinsburg, WV 25405-2778	
- Mary A		

W57/DS

# CycleAviation

CRS# 6LVR604C

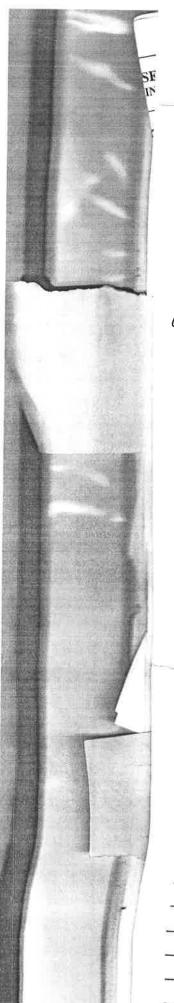
ATC TRANSPONDER TEST AND INSPECTION DATA

(FAR 43 APPENDIX F)

Make: GARMIN	TRANSPONDER INFORMATOIN Model: GTX 33	Serial#:	84701033
Wake. GHRAND			
	011-00779-00		
	TRANSPONDER DATA		
l .	I KANSFONDEN DATA		

Pass/Fail Mode A Code: PASS PASS Mode C Code: SLS Reply at 0db: PASS SLS Reply at 9db: Ident Test: 195 W Peak Power: 1090.37 Mhz Frequency: Pulse Width: Inter Spacing: -76.7 dbm Receiver Sensitivity MTL:

			-Droop Airgentt Lonke 20	Lmay all cui
8000 60	7980	80 /50		
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	Pg 1 / 1	
SM 053370 and performed inspection IAW 14CFR Part 91.207(d), No.	defects	
<b>Above</b> was performed in accordance with current federal aviation recess manuals and is approved for return to service. Pertinent det	guiacions	IRE LICENCE NUMBER
11101	_	
7-5-30/6 Date	-	
Tac+= 2288.6 TT= 2288.6		
PERFORMED ANNUAL TRESPECTION		
HAI CHECKLIST I/ALW FARY3,		
Appendix D. AD'S CHECKED THRU		
2016-01. No Applicable AD'S DUE AT		
HIS TIME. INSPECTED & TESTED PLT		
Pon 91.207d. Replaces Nose Time		
WITH SOOX 5 X 6 PIZ "MONSTER" RETREAD		
SPIACED BOTH MAIN TIRES WITH		
- BEGOOX 6 GPR CONDOR TIMES, REDUCK	72	
1 UBE WITH BX600-6 - REDRINGS	`	
CANOPY LATER BOLTO INSTALLED	0	
NEW Sperker DA4-2353-30-00.		
SACORDANCE WITH A COMPTHAS BEEN INSPECTED		
INSPECTION AND	URCRAFT INC.	
maturisocity.	WV 25405-2778	
1 CERT # ASP 2758458 IA		
SE Leesburg Executive Arpt Leesburg, VA 20175 CRS# 6LVR604C		
ARCRAFT INC DA40 TACH 2326.2		
P. remove horizontal stab fairing. Found friction block loose. Screw at friction block, op's check ok. Ref. DA40 AMM 27-38-00	g1/1	
screw at friction block, op's check ok. Ref. DA40 AMM 27-38-00	ons	
performed in accordance with current Federal Aviation Regulation segulation segulation segulation segulation and is approved for return to service. Pertinent details of under above referenced work order.	n -	
a Sem mide		
Date Schoenduby Date	-	
Special Rd SE Leesburg Executive Arpt Leesburg, VA 20175 CRS# 6LVR6	504C	-
DIAMOND AIRCRAFT INC DA40 TACH 2327.0	Pg 1 / 1	
eixture IAW Diamond DA-40 AMM 71-00-00 and Precision Airmotive SIL RS-6	7. Ops	
filter and reinstalled IAW Diamond DA-40 AMM 28-20-00. Ops check good.	No leaks	
imlet screen and reinstalled IAW Diamond DA-40 AMM 73-00-00. Ops check	good. No	
was performed in accordance with current Federal Aviation Regulat service. Pertinent details on f		
anuals and is approved for return to service. Pertinent details on fer above referenced work order.	ile at	
Daniel Wells Date		0 <del></del>
1 - C C C C C C C C C C C C C C C C C C		

## ENGINE LOG

Make	- LYCOMING
Model	IO-360-HIA
Specification	
Manufacturer's Serial Number	
Date of Manufacture	3007 3174
Aircraft Inspection Cycle	

# ENGINE SERVICE AND

	TIME	PUN	TIME	SINCE		
DATE	F		OVE	RHAUL	INSTALLATIONS, INSPECTIONS,	3
PEGUGUT	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED F	OR COMPLE
BROUGHT FORWARD -		<b>→</b>	G	6	FNGINE INSTALLED LE	
					ENGINE INSTALLED NEW ON DA	-
					Engine installation inspected I.A.W. Diamond Aircraft Indu DA 40 W.I.S. Rev: F Form ME-01-A	stries Inc.
					Engine service with 8 qts. Of Philips 20W50 Type "M" engi	ine oa
-	-				Engine break-in I.A.W. Lycoming Service Instruction 1427l	
-		1			FLIGHT TEST COMPLETED	3,
					TEIGHT TEGT COMM LETED	100000
-						
OCT 212005			3.	9	HOURS BRUILLAT FORWARD -	
					26	
	Inspector chercent con	cked exhau:	npleted this st system. Is engine has	Removed right been inspect	ARLIN'S AIRCRAFT SERVICE, INC.  36 GALLATIN FIELD BELGRADE. MT (KEIZIN) PHONE 406-388-1331 FAX: 406-388-7417  N ENGINE SERIAL TAC & TOTAL TIME 10360-MIA L-32307-51A 99.5 Hr.  d compression. Cleaned plugs. Checked mag timing. Changed oil & filter. Pressure in mag. Reset points. Reinstalled mag. Checked controls. Washed & ran engine. I ed in accordance with a 100 hr. inspection & was determined to be in an airworthy	
	of c	ilter Press controls, W o be in an a	ompleted the transfer of the checker	l exhaust syst n engine. Ha	10360- MIA L32307-51A 201.8  ecked compression, cleaned plugs. Checked mag timing. Changed oil & tem. Checked alternator & starter. C/W AD 2002-26-0\$. Checked s been inspected in accordance with a 100 hr inspection & was determined	
		1	1	1		
					CARRIED FORWARD	
TOTAL THIS PAGE						
TOTAL FROM PREVIOUS SUMMARY						
TOTAL SINCE MFG.						

## MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS DES, DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TH	ME COLUMNS. SIGNATURE	LICENCE
7/ ————————————————————————————————————		- Q4
		60
		Q 42
ARLIN'S AIRCRAFT SERVICE, INC.  36 GALLATIN FIELD BELGRADE, MT (KBZN) PHONE 406-308-1331 FAX 406-308-7417		
DATE REGISTRATION ENGINE SERIAL # TAC & 1036 FUNE 06 N571DS 1036 FM1A L32307-51A  Determ completed this date. Checked compression. Cleaned plugs. Checked mag timing. Pressure Checked alternator and starter. Checked fuel injection lines to c/w AD2002-26-01. Checked are inspected in accordance with a 100 hr. inspection & was condition.	c checked exhaust controls. Washed & s determined to be in	
ARLIN'S AIRCRAFT SERVICE, INC.		
DATE REGISTRATION ENGINE SERIAL# TAC &	TOTAL TIME	
N571DS IO-360-M1A L32307-51A  Completed this date. Checked compression. Cleaned plugs. Checked mag timing. Pressure the complete this date is c/w AD 2002-26-01. Checked controls. Washed and ran engine. I certify that a 100 hour inspection and was determined to be in an airworthy condition.	399.3 e checked exhaust	

# ENGINE SERVICE AND

DATE	TIME	RUN		SINCE HAUL	INSTALLATIONS, INSPECTIONS,					
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR CO					
BROUGHT										
FORWARD										
9/11/16	<del></del>				LIDARKIEN OUT ALTERNATION					
TAC	481.	0			ALLE 8521 LS TREST, GORZGII.					
					1200 074 ES DECOLETI.					
		Collect Star HY 13400								
				A A E	RIIN'S AIDODAET					
		RLIN'S AIRCRAFT SERVICE, INC.								
	36 GALLATIN FIELD BELGRADE, MT (KRZN) PHONE 406-308-1351 FAX: 406-338-7417									
	DATE 13 NOV 06		GISTRATION N571DS		ENGINE SERIAL # TAC & TOTAL TIME 0360-MIA 1.32307-51A 400 3					
					477,3					
	Checked after	ion and cleaned plugs. Checked mag timing. Changed oil and filter. for lines to comply with AD 2002-26-01. Checked controls. Washed and								
	in an airworth	extend in accordance with a 100 hour inspection and was determined to be								
	Wille	elc	Va-							
	Arlin C. Wass									
	¥ 1	ï		1:						
	•			A A	RIIN'S AIRCRAFT					
	ARLIN'S AIRCRAFT  SERVICE, INC.  30 GALLATIN FIELD BELGRADE, MT (KBZN) PHONE 400-388-1351 FAX: 400-388-17417									
										Service of the servic
	DATE         REGISTRATION         ENGINE         SERIAL         TAC & TOTALTIME           05 MAR 07         N571DS         I0-360-51A         L-32307-51A         598.8									
	Inspection completed this date. Checked compression, cleaned plugs, checked mag timing,									
	changed oil	changed oil and filter. Pressured checked by system. Checked alternator and starter. Classed Section								
	screens. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition									
	litte									
	Arlin C. Wa	# # # # # # # # # # # # # # # # # # #								
	CRA	uels	Ujacta	CHINE	25 ANDOD 2-26-01					
121/07	6411				Tracklicen day 54 dea 0.14					
	The state of the s									
		-			149-3464. Ellul Show At 1/3/En					
	-									
	CARRIED FORWARD									
AL THIS PAGE										
OTAL FROM										
/IOUS SUMMARY										
TOTAL										

T. ZOOKB		2	
ARLIN'S AIRCRAFT SERVICE, INC.  30 GALLATIN FIELD BELGRADE, MT (KBZN) PHONE 400-308-1351 FAX 400-308-7417	SIGNATURE	LICENCE	
FEGISTIATION ENGINE SERIAL TAC & TOTAL TIME N571 DS 10360-MIA L32307-51A 698.6			
Checked compression. Installer new plugs. Pressure checked exhaust checked alternator and starter. Changed on and filter. Replaced alternator bracket. Installed the start of			
1 No. 900 - 1 V 100			
ARLIN'S AIRCRAFT SERVICE, INC.  20 GALLATIN FIELD BELGRADE INT (KDZH) 34-CALE 406-306-1361 FAX. 406-308-7417			
REGISTRATION ENGINE SERIAL# TAC & TOTAL TIME N571DS 10360-M1A L-32307-51A 799.3  Pleted this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and checked exhaust system. Checked alternator and starter. Checked fuel injector lines to c/w AD washed and ran engine. I certify that this engine has been inspected in accordance with a 100 was determined to be in an air worthy condition.			F
ARLIN'S AIRCRAFT SERVICE, INC.  38 GALLATIN FIELD BELGRADE ATT (REZN) FRANCE 408-386-7351 FAX 408-386-7417			
REGISTRATION ENGINE SERIAL* TAC & TOTAL TIME  NSTIDS 10560-MIA L-32307-51A 808.7  If this date. Checked compression. Cleaned place. Checked may timing. Changed oil and  the and starter. Pressure checked enhance, system. Checked controls. Weather and our  ty condition.		-/	
S BETWEEN OVERHAULSHOURS.			

DATE	TIME RUN	TIME	SINCE	INSTALL ATIONS
	HRS. MI	N. HRS.	MIN.	INSTALLATIONS, INSPECTION NOTE: USE BOTH PAGES AND AS MANY LINES AS REQ
BROUGHT FORWARD		<b>&gt;</b>		
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741 12	1191.	2 17	518 11	91,9 Changel On a 19,
-				INSHAD FITAM FOU MIT
				SOK 1550 DO NO 11610.
				OF End 2008-11
			f	10 Tout low four dents L
				out that 1241,9 Congression a
	<b>经</b> 集合			uplain Spark Ply 100 8
	- IN	CERTIFY	HAT THIS	Kingy HAS BEEN INSCREEN
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		AS DETER	MINEL	O BE IN AIRWORTHY CONDITION.
	S/	GNED_6	11/1	U CERT # 11175,9040
			70	- OLIN # 111/100440
Novemb	2, 2009 N5			
615 Airport Road				
Winchester, VA 22 540-665-0193	2602			Nitholas Bousquet A&P3359966
Winchester, VA 22	1 1	Ĩ	ı	Nitholas Bousquet A&P3359966
May 27, 2010	/	/ A40 Tac		
May 27, 2010  1. Performe	/ / / / / / / / / / / / / / / / / / /	enection IA	117	.7
May 27, 2010 1. Performe 2. Performe	N571DS D d 100 Hour Ins	spection IA'	W approv	.7
May 27, 2010  1. Performe 2. Performe #1 76/80 3. Cleaned	N571DS D d 100 Hour Ins d compression of #2 76/80 #3	spection IA' check with to 75/80 #4	W approvine follow	.7 red checklist. ing results:
May 27, 2010 1. Performe 2. Performe #1 76/80 3. Cleaned, 4. Checked	N571DS D d 100 Hour Ind d compression of #2 76/80 #3 gapped and rota	spection IA' check with to 75/80 #4 ated spark plane timing and	W approv he follow 76/80 lugs,	.7 ed checklist. ing results:
May 27, 2010  1. Performe 2. Performe #1 76/80 3. Cleaned, 4. Checked is 5. Changed	N571DS D d 100 Hour Ind d compression of #2 76/80 #3 gapped and rota magneto to eng oil and oil filter	spection IA' check with to 75/80 #4 ated spark plane timing and	W approvine follow 76/80 lugs, and adjuste	.7 ed checklist. ing results:
May 27, 2010  1. Performe 2. Performe #1 76/80 3. Cleaned, 4. Checked i 5. Changed i 6. Inspected 7. Re-secure	N571DS D d 100 Hour Ins d compression #2 76/80 #3 gapped and rota magneto to engoil and oil filter propeller, spins d ignition harne	spection IA' check with the 75/80 #4 anted spark plaine timing and CH481110, there and dressess to engine	W approvente follow 76/80 lugs, and adjuste sed L/E o	.7 ed checklist. ing results:
May 27, 2010  1. Performe 2. Performe 4. Checked 1 5. Changed 6. Inspected 7. Re-secure 8. Washed en	N571DS D d 100 Hour Ins d compression of #2 76/80 #3 gapped and rota magneto to engioil and oil filter propeller, spinn d ignition harne	spection IA' check with the 75/80 #4 anted spark plaine timing and CH481110, there and dressess to engine	W approvente follow 76/80 lugs, and adjuste sed L/E o	.7 ed checklist. ing results:
May 27, 2010  1. Performe 2. Performe 41 76/80 3. Cleaned, 4. Checked of 5. Changed of 6. Inspected 7. Re-secure 8. Washed ep 9. Cleaned fi	N571DS D d 100 Hour Ins d compression of #2 76/80 #3 gapped and rota magneto to engoil and oil filter propeller, spining d ignition harnes ingine and lubricated injectors	spection IA' check with the result of result o	W approvented follow 176/80 lugs. In adjusted added and added and added frame.	.7 red checklist. ing results:  red as required. red 8 qts. of 15w50. f blades.
May 27, 2010  1. Performe 2. Performe 41 76/80 3. Cleaned, 4. Checked of 5. Changed of 6. Inspected 7. Re-secure 8. Washed en 9. Cleaned fi 10. Inspected	N571DS D d 100 Hour Ins d compression of #2 76/80 #3 gapped and rota magneto to eng oil and oil filter propeller, spinn d ignition harne ngine and lubric tel injectors.	check with the check	W approven the follow 176/80 lugs, and adjusted the frame.	.7 red checklist. ing results:  red as required. red 8 qts. of 15w50. f blades.
May 27, 2010  1. Performe 2. Performe 41 76/80 3. Cleaned, 4. Checked of 5. Changed of 6. Inspected 7. Re-secure 8. Washed en 9. Cleaned fi 10. Inspected	N571DS D d 100 Hour Ins d compression of #2 76/80 #3 gapped and rota magneto to eng oil and oil filter propeller, spinn d ignition harne ngine and lubric tel injectors.	check with the check	W approven the follow 176/80 lugs, and adjusted the frame.	.7 ed checklist. ing results:
May 27, 2010  1. Performe 2. Performe 41 76/80 3. Cleaned, 4. Checked of the control of the cont	N571DS D d 100 Hour Ins d compression #2 76/80 #3 gapped and rota magneto to eng oil and oil filter propeller, spins d ignition harne ngine and lubric sel injectors. all accessories a enance turn per	check with the check	W approven the follow 176/80 lugs, and adjusted the frame.	.7 red checklist. ing results:  ed as required. ed 8 qts. of 15w50. f blades.  rity and serviceability. vith no leaks noted at this time.
May 27, 2010  1. Performe 2. Performe #1 76/80 3. Cleaned, 4. Checked of the control of the cont	N571DS D d 100 Hour Ins d compression #2 76/80 #3 gapped and rota magneto to eng oil and oil filter propeller, spins d ignition harne ngine and lubric sel injectors. all accessories a enance turn per	check with the check	W approven the follow 176/80 lugs, and adjusted the frame.	.7 red checklist. ing results:  ed as required. ed 8 qts. of 15w50. f blades.  rity and serviceability. vith no leaks noted at this time.
May 27, 2010  1. Performe 2. Performe 41 76/80 3. Cleaned, 4. Checked of the control of the cont	N571DS D d 100 Hour Ins d compression #2 76/80 #3 gapped and rota magneto to eng oil and oil filter propeller, spins d ignition harne ngine and lubric sel injectors. all accessories a enance turn per	check with the check	W approven the follow 176/80 lugs, and adjusted the frame.	rity and serviceability.  I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in
May 27, 2010  1. Performe 2. Performe 41 76/80 3. Cleaned, 4. Checked of 5. Changed of 6. Inspected 7. Re-secure 8. Washed en 9. Cleaned fi 10. Inspected 11. Post maint  Aero Services of Winch 615 Airport Road Suite Winchester, VA 22602	N571DS D d 100 Hour Ins d compression #2 76/80 #3 gapped and rota magneto to eng oil and oil filter propeller, spins d ignition harne ngine and lubric sel injectors. all accessories a enance turn per	check with the check	W approven the follow 176/80 lugs, and adjusted the frame.	.7 red checklist. ing results:  ed as required. ed 8 qts. of 15w50. f blades.  rity and serviceability. vith no leaks noted at this time.
May 27, 2010  1. Performe 2. Performe 41 76/80 3. Cleaned, 4. Checked of 5. Changed of 6. Inspected 7. Re-secure 8. Washed en 9. Cleaned fi 10. Inspected 11. Post maint  Aero Services of Winch 615 Airport Road Suite Winchester, VA 22602	N571DS D d 100 Hour Ins d compression #2 76/80 #3 gapped and rota magneto to eng oil and oil filter propeller, spins d ignition harne ngine and lubric sel injectors. all accessories a enance turn per	check with the check	W approven the follow 176/80 lugs, and adjusted the frame.	rity and serviceability.  I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.
May 27, 2010  1. Performe 2. Performe 41 76/80 3. Cleaned, 4. Checked of the control of the cont	N571DS D d 100 Hour Ins d compression #2 76/80 #3 gapped and rota magneto to eng oil and oil filter propeller, spins d ignition harne ngine and lubric sel injectors. all accessories a enance turn per	check with the check	W approven the follow 176/80 lugs, and adjusted the frame.	rity and serviceability.  I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in
May 27, 2010  1. Performe 2. Performe 41 76/80 3. Cleaned, 4. Checked of 5. Changed of 6. Inspected 7. Re-secure 8. Washed en 9. Cleaned fi 10. Inspected 11. Post maint  Aero Services of Winch 615 Airport Road Suite Winchester, VA 22602	N571DS D d 100 Hour Ins d compression #2 76/80 #3 gapped and rota magneto to eng oil and oil filter propeller, spins d ignition harne ngine and lubric sel injectors. all accessories a enance turn per	check with the check	W approven the follow 176/80 lugs, and adjusted the frame.	rity and serviceability.  I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.
May 27, 2010  1. Performe 2. Performe 4. Checked of the control of	N571DS D d 100 Hour Ins d compression #2 76/80 #3 gapped and rota magneto to eng oil and oil filter propeller, spins d ignition harne ngine and lubric sel injectors. all accessories a enance turn per	check with the check	W approven the follow 176/80 lugs, and adjusted the frame.	rity and serviceability.  I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.

REPAIRS, ADJUSTMEN	TS, MODIFICATIONS UNUSED LINES IN DATE	E AND TIME COLUMNS,	SIGNATURE	LICEN
*				
August 6, 2010 DA-4  1. Changed oil and oil f  2. Collected oil sample  3. Washed engine and le  4. Post maintenance turn	ilter CH48110, and add for analysis.	ed 8 qts 15w50.	t this time.	
Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193	de	han Hisghman A& P25430	eglen -	
	CRS# YBJR768L		)	
LANDMARK	- SONYOOL		-	
A V I A T I O N  1005A Sycolin Road  Municipal Airport, Leesburg VA-20175  12 (703) 771-0188 Fax: (703) 779-0435	DATE: 10-27-2010 REG: N571DS MODEL: DA40 HOBBS: 1786.5	WORK ORDER: S2 MAKE: Diamond S/N: 40.571	20-10-00982	
<ul> <li>Removed, charged and reinstalled main aircraft b</li> </ul>		TACH: 1387.3		-
Paramed post maintenance systems check of aforeme	Intioned remain(s) No decide		-	
THE ARTICLE DENTIFIED ABOVE WAS REPAIRED AN REGULATIONS AND CURRENT MANUFACTURERS M. DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR.	ND INSPECTED IN ACCORDA ANUALS AND WAS APPROVE AIR STATION UNDER THE RE	NCE WITH CURRENT FED ED FOR RETURN TO SERV FERENCED WORK ORDEF SIGNATURE	ERAL AVIATION ICE. PERTINENT R.	
November 5, 2010 N571DS DA40  1. Performed 100 Hour Inspection	Tach: 1390.0		8	-
<ol> <li>Performed compression check wit #1 74/80 #2 70/80 #3 76/80</li> <li>Cleaned, gapped and rotated spark</li> <li>Checked magneto to engine timing</li> </ol>	h the following results: #4 76/80 plugs.	ad.		
<ul> <li>6. Collected oil sample for analysis.</li> <li>7. Inspected propeller, spinner and dr</li> <li>8. Washed engine and lubricated con</li> </ul>	ressed L/E of blades.			
<ol> <li>Inspected all accessories and hardy</li> <li>Post maintenance turn performed s</li> </ol>	vare for security and ser atisfactory with no leak	viceability.		
Services of Winchester, Inc.  Sarport Road Suite 107  Chester, VA 22602  Section 23	I cert inspe inspe	ify that this ENGINE has cted in accordance with a ction and determined to b orthy condition.	1 100 Hour	
	Justin	Farris A&P3146596		L

	2. 3. 4.	Collecte	engine doil sa intenan	S DA-d oil fi and lu imple fi ce turn	lter CH <sup>2</sup> bricated	: 14 481 1 con	10 and added 8 15w50 Aero Shell. ntrols. satisfactory.	INSPECTIONS, INES AS REQUIRED	
-	Winchester 540-665-019	VA 22602					.Justin Craig Farris A&P3146596		
	3. 4. 5. 6. 7. 8. Aero Se	#1 78/8/ Cleaned Checked Changed Washed Inspecte Post mai	med 100 med com 0 #2 75 d, gapped d magnet d oil and engine a d all accontenance Winche d Suite 1	Hour Ins pression 8/80 #3 d and rot to to eng oil filter and lubri essories e turn po	spection I. I check with the check w	AW ith ti #4 rk pl g an 0, ar	approved checklist. he following results: 77/80 ugs. d adjusted as required.	E has been with an 100 Hour ed to be in	
TOTAL TOTAL PREVIOUS	FROM SUMMARY					C	ARRIED FORWARD	100054	

		1 3 - 1F	RE	LICENCE
Nove	mher / 2011 NEZ4DO DA 40 -			
1	ember 4, 2011 N571DS DA40 T	ach: 1578.8		
2	Performed 100 Hour Inspection IA	W the Scope and Detail of FAR43 Appendix D.	*	+
-	Performed compression check wit	h the following results:		_
3.	"- 10/00 #2 /3/8U #3 /6/8N	#/ 76/00	,	
	Transfer and totaled coar	c plugs.	Y <del>ELD III</del>	
5.	Checked magneto to engine timing	and adjusted as required.		
6.	Washed engine and lubricated con	), and adjusted as required.  ), and added 8 quarts of Aero Shell 15w50.		
7.	Collected oil sample for analysis.	trols.		
8.	Inspected all accessories and hand			
9.	Inspected all accessories and hardy Post maintenance turn performed	vare for security and serviceability.		
	and cam beliefuled	satisfactory with no leaks noted at this time.		
			-	<del></del>
Aero Sen	vices of Winchester, Inc.	Learning of the same		
Minches	er, VA 22602	l certify that this ENGINE has been inspected in accordance with an 100 Hour		
540-665-6		hispection and determined to be in		<u> </u>
to Miller		airworthy condition.	1	
		dentity 1/m/		
		Jonathan Hisghman A&P254307		
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MAXIMUM HOURS BETWEEN OVERHAULS\_\_\_\_\_HOURS.

DAT		4	N. 1	(III A (IIII)		CRS# YBJR768L		
		LA	NDI	MARI	<b>K</b>			
BROUG FORWA	1005A Leesb	A V A, Sycolin F urg Munici (03) 771-01	pal Airport	T I O , Leesburg 703) 779-04	<b>N</b> VA-20175 35	DATE: 07-20-2011 REG: N571DS MODEL: IO-360-N HOBBS: 1946.3	MAKE: Lycoming M1A S/N: L-32307-51A	3
							TACH: 1505.1	
	Perfor	med post	maintener	ice systems	obools of a	ted and reinstailed top plug.	Installed new plug P/N REM40E in lower posit	tion
	THE A	PTICLE IF	TAITITIT			orementioned repair(s). No		
	REGU	LATIONS .	AND CUR E REPAIR	RENT MAN ARE ON F	IUFACTURE	ED AND INSPECTED IN AC RS MANUALS AND WAS AI REPAIR STATION UNDER	CORDANCE WITH CURRENT FEDERAL AVIAT PPROVED FOR RETURN TO SERVICE. PERTIN THE REFERENCED WORK ORDER.	ION IENT
						-6	SIGNATURE	
							GIGINA PORE /	
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22-12	2	TAC	bt l	6400	/	CHANGED	out ou Fura	2.
						Acrostore	BUSDOIL. ENG	
						BROUND	_ / /	714
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	-+		_	-		PATEFA	CTORY, D. Carlle	1 3
							- FP228	28
	1							-
	۱pril	-				n: 1678.1 TET: 167		_
	1.						Detail of FAR43 Appendix D.	
	2.					with the following resu 0   #4   75/80	uits:	
	3.					park plugs.		
(4)	3. 4.					ning and adjusted as re	equired.	-
	5.		_		-		rts of Aero Shell 15w50.	9
	6.	Wash	ed engir	ne and lu	bricated o	controls.		_
	7.				ir inlet fil			-
de 1	8.					vare and torqued as re		
	9.	Inspec	ted all a	accessori	es and ha	rdware for security ar	nd serviceability.	
	10	. Post n	naintena	ance turr	perform	ed satisfactory with no	o leaks noted at this time.	-
	ero Sa	rvices of V	Vinchest	er Inc		1	I certify that this ENGINE has been	/
		ort Road					inspected in accordance with an 100 Hour	
						i	inspection and determined to be in	
61 W	Vinches						airworthy condition.	
61 W						.,		-
61 W	Vinches						hande	
61 W	Vinches						Arthur L. Atwood II A&P3168854	_
61 W	Vinches 40-665-			+			hande	

TOTAL

Post maintenance turn performed satisfactory.  Justin Wordorf ARP3147596  Tach: 1764. 4  West a updated and current  Tach: 178.3 TET: 1778.3  10 Hour Inspection IA W the Scope and Detail of FAR43 Appendix D.  compression check with the following results:  #2 78/80 #3 76/80 #4 76/80  pped and rotated spark plugs.  New LH Magneto PN: 4347 SN: 11111479 and timed to engine.  pecto to engine timing and adjusted as required.  In addid 8 quarts of Aero Shell 15w50.  The and lubricated controls.  The cessories and hardware for security and serviceability.  Secured battery drain hose.  The certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.  Justin Wylder Practical and the present inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.	- washed engine and it	ter CH48110-1 and added 8 quarts Aero Shell 15w50.  Ibricated controls.	NUME
N571DS DA40 Tach: 1778.3 TET: 1778.3  100 Hour Inspection IAW the Scope and Detail of FAR43 Appendix D. compression check with the following results:  2 78/80 #3 76/80 #4 76/80  2 dand rotated spark plugs.  11111479 and timed to engine.  12 oil filter CH481110, and added 8 quarts of Aero Shell 15w50.  2 and lubricated controls.  2 cessories and hardware for security and serviceability.  2 cet and resealed oil filler tube.  2 lave cover and #2 & #4 air intake gaskets.  3 secured battery drain hose.  3 cet turn performed satisfactory with no leaks noted at this time.  1 certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.	Winchester, Inc.	Texto Silled	
compression check with the following results:  78/80 #3 76/80 #4 76/80  d and rotated spark plugs.  L/H Magneto PN: 4347 SN: 11111479 and timed to engine.  to to engine timing and adjusted as required.  d oil filter CH481110, and added 8 quarts of Aero Shell 15w50.  and lubricated controls.  ccessories and hardware for security and serviceability.  ted and resealed oil filler tube.  lave cover and #2 & #4 air intake gaskets.  secured battery drain hose.  turn performed satisfactory with no leaks noted at this time.  I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.	Control of the contro	A	
compression check with the following results:  78/80 #3 76/80 #4 76/80  d and rotated spark plugs.  L/H Magneto PN: 4347 SN: 11111479 and timed to engine.  to to engine timing and adjusted as required.  d oil filter CH481110, and added 8 quarts of Aero Shell 15w50.  and lubricated controls.  cessories and hardware for security and serviceability.  ted and resealed oil filler tube.  lave cover and #2 & #4 air intake gaskets.  secured battery drain hose.  turn performed satisfactory with no leaks noted at this time.  I certify that this ENGINE has been inspection and determined to be in airworthy condition.  Lace Like Like Like Like Like Like Like Lik			
333111 11 31 31 47 31 47 396	compression check wit	A W the Scope and Detail of FAR43 Appendix D.	

	CTIONS,									
7010	Name than 7 2012 N571DS DA40 TACH: 1876.7									
	November 7, 2012 N571DS DA40 TACH: 1876.7  1. Performed 100 Hour Inspection IAW approved checklist.									
	2. Performed	2. Performed compression check with the following results:								
	#1 77/80	#1 77/80 #2 75/80 #3 76/80 #4 76/80  3. Cleaned, gapped and rotated spark plugs.								
	<ul><li>3. Cleaned, g</li><li>4. Checked n</li></ul>	apped ar	id rotated	1 spark p timing a	lugs. nd adiust	ed as re	auired.			
	<ol><li>Washed er</li></ol>	ngine and	d lubricat	ed contro	ols.					
	6. Inspected	all acces	sories an	d hardwa	are for sec	curity ar	nd serviceability.			
	7. Tightened 8. Post main	itenance	turn perf	ormed sa	wired sai	ne. / with n	o leaks noted at this time.			
						************	o round flotted at time time.			
	Aero Services of Wind 615 Airport Road Sui Winchester, VA 2260 540-665-0193	te 107	c.				I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.	7		
						(80)	Daniel Walker A&P3660002			
				-			Damer Warker A&F 3000002			
30										
	<b>January 7, 2013</b>	N571	DS DA	40 To	ob. 102	1.5				
	1. Changed	oil and	oil filte	140 I a	сп: 193 2110.17	1. <b>5</b> and add	ded 7 quarts Aero Shell 15w50	-		
	2. Washed	engine a	and lub	ricated	controle	iuu au	ded / quarts Aero Shell 15w50			
	3. Post main	ongine o	e furn n	erform	ed satist	Footom				
	J. Tobe man	Tionano	o turn p	CHOIM	cu saiisi	actory	··			
	Aero Services of Winch 615 Airport Road Suite Winchester, VA 22602 540-665-0193	ester, Inc. 107			50200	h Fu	the	17.		
				J	oseph M. F	urtado A	3364979			
	Leesburg Executive Ai 1005 Sycolin Rd Leesburg, VA 20175 CRS 2PJR099M	rport				•	PROJET			
		aft: N571[ )269	OS; Type:	DA-40; S/	N: 40.571;	Hobbs:	2509.20; Tach: 1934.70			
	Replaced hot air hose	Operatio	nal check	normal, h	eat comes	out of flo	oor vent and defrost vent.			
	FEDERAL AVIATION F RETURN TO SERVICE THE REFERENCED W	REGULAT E. PERTIN	TONS AN	D CURRE	NT MANU	<b>FACTUF</b>	ED IN ACCORDANCE WITH CURRENT RERS MANUALS AND WAS APPROVED ON FILE AT THIS REPAIR STATION UN	FOR NDER		
	-									
		i								
	-						5			
						CAR	RIED FORWARD			
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REPAIRS, ADJUSTMENTS, MODIFICATIONS RAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCI
	1.7	
GOWARD AIRCRAFT, INC.  COO! 203-2231 - 21-5 Kally listed Road - Martinaburg, WV 25-01	-	
APRIL 26 204 2 N571DS 10-360-M1A L-32307-51A	_	
PERFORMED 100 HOUR INSPECTION PER HAI CHECKLIST IAW APPENDIX "D". AD'S CHECKED THRU 2013-07. CW AD 11-26-04 FUE INJECTION LINES PER INSPECTION. DUE AGAIN BY 2072.5. CHANG AND OIL FILTER. ADDED AEROSHELL 15w50 OIL. SERVICED SPARKENGINE GROUND RUN AND LEAK CHECK SATISFACTORY.	EL — BED OIL — K PLUGS. —	14.
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCOR WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN A CONDITION.	DANCE IRWORTHY —	
ch. audi S	i. —	
G. ANDRE' FRYE A&P2788458	9"	
	-	
TACK 2018.7 Phone 1 101 1	01 -	
West & Billow Freton a succession	no full	-
Filly L B.A S. W. 181	72	
ga state 15/50 CG+		
J158640		
eptember 16, 2014 N571DS DA40 Hobbs: 2034.6		
1. Removed engine Model # IO-360-M1A SN: L-32307-51A		
2. This engine is being removed due to a propeller strike.		
3. Transferred basic engine to Aero Engines of Winchester.		
Services of Winchester, Inc.	-	
S Airport Road Suite 107		
Jonathan Hisghman & P254307		
Jonathan Hisghman & P254307		
Jonathan Hisghman & P254307		

DATE	TIME	TIME RUN		SINCE	INSTALLATIONS, INSPECTIONS,
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMP.
BROUGHT FORWARD		-			



01-02-2014

Engine Model: IO-360-M1A

Serial Number: L-32307-51A

TSMOH: 0.0 hrs

Engine disassembled, cleaned, and inspected at this time for overhaul. All parts were Magnaflux, visually or zyglo inspected install Overhauled Crankshaft by Rick Romans RS BE2R713K; WO 48140, Install Overhauled Camshaft by Rick Romans RS BE2R713K; WO 48140, Install Overhauled Camshaft by Rick Romans RS BE2R713K; WO 48012. Installed new Impeller Kit SL18109A-S. Installed 4 Lycoming Cylinder assemblies P/N 05K21104; S/N's B24337B, B24337D, B24337D, B24337A, Installed RSA-5AD1 servo overhauled by Avstar RS V1RR580Y; WO 190212. Installed new slick K4516 Kit (includes magnetos, harness, plugs). Install new fuel pump AF-15473; S/N 02VU21. The following AD's were complied with or previously complied C/W AD 04-10-14 C1 by new crank gear bolt, I/A/W SB 475. Next due at prop strike or overhaul: AD 96-09-10 C/W, correct gears installed, AD 11-26-04 C/W by inspection, AD 12-03-06 C/W by overhaul, AD 87-10-06 R1 P/C/W. AD 04-06 R1 P/C/W. The following AD's are not applicable: AD 96-23-03, AD 98-17-11, AD 03-14-03, AD 05-19-11. AE 06-16, AD 06-10-21, AD 06-12-07, AD 07-04-19 R1, and AD 09-26-12. All work accomplished I/A/W Textron Lyconychaul manuals. Engine test ran satisfactory.

Aero Engines RS 27 WR209B.

#### March 3, 2014 N571DS DA40 TAGH: 2034.6 TET: 2034.6 SMOH: 0000.0

- 1. Installed engine after being overhauled by Aero Engines.
- 2. Serviced with Aero Shell 100 Mineral oil.
- 3. Performed post maintenance turn satisfactory with no leaks noted at this time.
- 4. Cut open filter and inspected satisfactory.
- 5. Installed new alternator belt.
- 6. Installed new Muffler PN: D40-7 and attaching gaskets and hardware.
- 7. Test flight performed this date by Aero Engines.

Aero Services of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193 I certify that this ENGINE has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.

Jonathan Hisghman A&P254307

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

REPAIRS, ADJUSTMENTS, MODIFICATIONS  A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE
OF WINCHESTER, INC. 615 AIRPORT ROAD #109 • WINCHESTER, VA 22602 (540) 678-1661		
GE OIL AND CHECK OIL FILTER CE ENGINE WITH AA48110-2 FILTER AND 8QT 20/50 XC. GED ENGINE CONTROL MOVEMENTS. E TEST RAN SATISFACTORLY. GAINTANCE RUN UP INSPECTION CONDUCTED, NO LEAKS NOTED. ORK ACCOMPLISHED IAW MFGR. SERVICE MANUALS.		_ _ _ _
Engines of Winchester FAA RS #27WR209B		
	- 0	
5 2081.5 CHANGED OIL & OIL F SWING ASSETT ISWSO OIL. ENGINE WHITTE LEAK CHECK SUTISFACTORY,	COPOUND RUN	/
	412758458	
TACH 2097.3 ENG. TT = 2097.3 SMOH = 62.	7	
PERFORMED ANNUAL INSPECTION PER HAI FAR 43, AppENDIX D. AD'S CHECKED TO AD 11-26-04 FUEL TEJ. LINES PER IN 2197.3. CHANGED DIL & DIL FILTEX	CHECKUST I/A TRU 2015-05. Sp. DUE AGA	c/w
ISW SO OIL . SERVICED PLUGS. ENGINE	GROUND PUN	& WAK
HOWARD AIRCRAFT INC. WAS DETERMINED TO BE A 2145 Kelly Island Rd.	THAS BEEN INSPECTED  WORL INSPECTION AND  AIRWORTHY CONDITION.  CERT. # AFP2758	
WAXIMUM HOURS BETWEEN OVERHAULSHOURS.	A	<del></del>

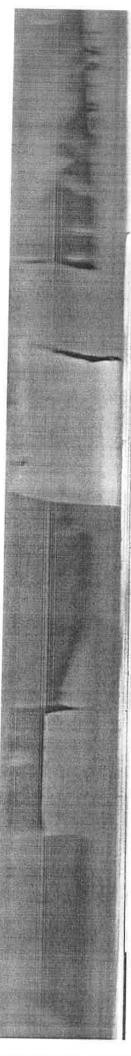
					TO DIN TICE AND
DATE	ТІМІ	ERUN	TIME	SINCE	INSTALLABOR
	HRS.	MIN.	HRS.	MIN.	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPANY
BROUGHT FORWARD			1		
C/20 1.5	- 416-				
3/30/15	2142		-		CHANCED OIL & DIL FILTER. AD
06/17/2015	2151	5 8			ABROSHELL ISW50 OIL. ENGINE
	-				BROUND RUN & LEAK CHECK SAME
					Q Paris Check Same
					A \$ 275 8458
-					76 9 213 8 738
06/17/2015	2151	.8			CHANGED OIL AND OIL FILTER. ADDED
					ABROSHELL ISWSO OIL. ENGINE GROUNDE
					AND LEAK CHECK SATISFACTORY
					AND LOSE COLLE SHIISTAUCKY
					( Imamingui
					At P 378870)
08/14/2015	2195				MS71DS Persons
λ ======					PERFORMED 100 HR INSPECTION PER HAI
					CHECKLIST IAM FAR 43 APPENDIX D.AD'S
					CHECKED THROUGH 2015-18. COMPLIED
					MITH AD 11-26- OY FUEL INJECTION UND
					PER INSPECTION AND DUE AGAIN AT 229
					CHANGED OIL AND OIL FILTER ADDED
					AEROSHELL ISWSO OIL SERVEGD SPARK
					PUXAS. ENCINE CIROUND RUN & LEAK CHE
				ç	SATISFACTORY
					TCEHTIFY THAT THIS ENGINE HAS BEEN INSPECTED
					WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
				-	OKONIE //
					SIGNELY Comey 1 whom CERT. # AA P 3788401
11-17-15	TACH	2248	8.7		CHANNO - 1 - A
					PHANGED OIL & OIL FLETCE. ADDED
				- /	HOLOSHOU ISW SO OIC. ENGING GROW
					RUNG (EAK CHECK SATIS FACTORY)
			-	-	Solula 945
				-	A 1 275 8458
					me of the rest of the second
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REPAIRS, ADJUSTMENTS, MODIFICATIONS  CHAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS	SIGNATURE	LICENCE
.16 TACH = 2288, 6 TT = 2288, 6 SMOH = 254	/	
CERFORMED ANNUAL TRESPECTION PER HAT		
- CHECKLIBT I/A/W FAR 43, ACCUMINA		<del> </del>
AD'S CHECKED THRU 2016-01. CLWAD		<del>-</del>
15-19-07 FUEL TUJECTION LINES DER		
INSPECTION. DUE AGAIN@ 2388.6.		
CHANGED OR & OIL FUTEX. ADIDED		
- ACROSHER (SWSO OIL. SURVICED		-
- SPARK PLUGS. TORQUE POCKEX COVER	7,	
ENDINE GROUND RUNG LEAK CHECK	20	-
SATISFACTORY.		-
CERTIFY THAT THIS ENGLAS DEPAIRS	A ALDODAFT INC	
WAS DETERMINED TO BE IN A INVOICE INSPECTION AND	D AIRCRAFT INC. Kelly Island Rd.	<del> </del>
SIGNER A CERT & A EP 27 S & 4 S TA	rg, WV 25405-2778	
CERT. # TPP DISSESS FO		
		•
		H

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

#### PROPELLER LOG

1.	Make		HARTZELL				
2.	Model		AC-CZYR-1BFP/F7497				
3.	Specification	No.	P-920				
¥.	Date of Manu	facture	1-19-14				
5.	Hub Serial No		CH 39196B				
6.	Blades						
	(a) Design I	No.	F74958-F7497				
	(b) Blade Se	erial Nos.	· · · · · · · · · · · · · · · · · · ·				
	(i)		<u> </u>				
	(ii)		124404 L 44168				
	(iii)						
	(iv)						
	(v)						
	(c) Pitch Se	tting					
	(i)	Basic					
	(ii)	High	30.0				
	(iii)	Low	13.9				
	(iv)	Reverse					



### PROPELLER SERVICE A

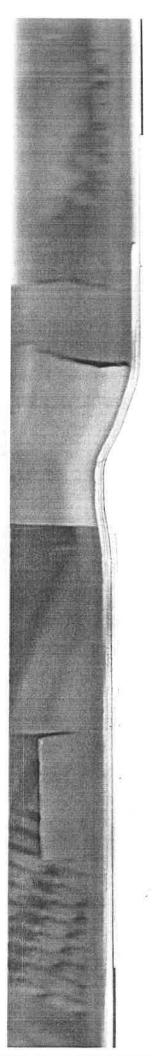
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DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL				
BROUGHT	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED		
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9-7 77					Plat Welle Shutter		
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SPIALOT			598.	P	1 delet Son Hy 1340		
97714CDI			0 101	0	Filed, Printed, Elekand + days 12		
MARCO			698.6		Collect Star XI PB		
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songer			1110		Filed, PAINSTER BREAKED & Chief		
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## PROPELLER SERVICE AN

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS,
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIR
BROUGHT FORWARD		-			
1. Aero Sei 615 Airp	rvices of Wi oort Road S ster, VA 22	ed prope inchester, uite 107	ller, spinn	0 Tach ter and dr	essed L/E of blades.  I certify that this PROPELLER has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.  Nichotas Bousquet A&P3359966
-			-		
		ibri			
615 Airport Winchester, 540-665-019	VA 22602	·	4		I certify that this PROPELLER has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.  Justin Farris A&P3146596
June 2, 201  1. Insp  Aero Services 615 Airport Ro Winchester, V 540-665-0193	of Wincher oad Suite: A 22602	ropelle.	r, spinne	14/9.2 er and d	I certify that this PROPELLER has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.  Arthur L. Atwood II A&P3168854
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CE MFG.					

# MAINTENANCE RECORD

4, 2011 N571DS DA40 Tach: 1578	.8		1
propeller, spinner and dress	sed L/E of blades.	JRE	Nt.
l certify that	this PROPELLER has been		+
Inspected in	accordance with an 100 Hour	-	+-
alrworthy co	indition.		
	4 11		
Jonathan His	The Historia		-
jostalianis	Binian A&P254307	-	-
		14	-
2012 N571DS DA40 Tach: 1678.1 TE	T: 1678 1		-
propeller, spinner and dresse	d L/E of blades		
	Ly 2 of blades.		
semilers of Winchester, Inc.			
Swite 107	I certify that this Propeller has been		
MI (ACCUSE)	inspected in accordance with an ion it.		
	airworthy condition.		
	la Il-	14	
	Arthur L. Atwood II A&P3168854		
	0.1.1.1.1		
3 2012 NETTED 1	l,		
15, 2012 N571DS DA40 Tach: 1778.3	TET: 1770 2		
propeller, spinner and dressed I	/E of blades		
	of blades.		
Services of Winchester, Inc.			
Road Suite 107	I certify that this Propeller has been		
541-665-0193	inspected in accordance with an 100 Hour inspection and determined to be in		
	inspection and determined to be in		
	airworthy condition		
	airworthy condition.	-	
	airworthy condition.		
	See		
	Arthur L. Atwood II A&P3168854		
	See		
	See		
	Arthur L. Atwood II & P3168854		
November 7, 2012 N571DS DA40 TACH	Arthur L. Atwood II A&P3168854		
November 7, 2012 N571DS DA40 TACH  1. Performed 100 Hour Inspection IAW approv	Arthur L. Atwood II A&P3168854		
	Arthur L. Atwood II A&P3168854		
2. Inspected propeller, lubricated, spinner and dr	Arthur L. Atwood II A&P3168854		
2. Inspected propeller, lubricated, spinner and dr  Acro Services of Winchester, Inc.  615 Airport Road Suite 107	Arthur L. Atwood II & Propositor has been been been been been been been bee		
2. Inspected propeller, lubricated, spinner and dr  Acro Services of Winchester, Inc.  615 Airport Road Suite 107  Winchester, VA 22602	Arthur L. Atwood II & P3168854  : 1876.7 ed checklist. essed L/E of blades.		
2. Inspected propeller, lubricated, spinner and dr  Acro Services of Winchester, Inc.  615 Airport Road Suite 107	Arthur L. Atwood II & P3168854  : 1876.7 ed checklist. essed L/E of blades.  I certify that this Proppeller has been inspected in accordance with an 100 Hour inspection and determined to be inspection and determined to be inspection and determined to be inspection.		
2. Inspected propeller, lubricated, spinner and dr  Acro Services of Winchester, Inc.  615 Airport Road Suite 107  Winchester, VA 22602	Arthur L. Atwood II & P3168854  : 1876.7 ed checklist. essed L/E of blades.		
2. Inspected propeller, lubricated, spinner and dr  Acro Services of Winchester, Inc.  615 Airport Road Suite 107  Winchester, VA 22602	Arthur L. Atwood II & P3168854  : 1876.7 ed checklist. essed L/E of blades.  I certify that this Proppeller has been inspected in accordance with an 100 Hour inspection and determined to be inspection and determined to be inspection and determined to be inspection.		
	13, 2012 N571DS DA40 Tach: 1778.3  Inspected propeller, spinner and dressed In	Certify that this PROPELLER has been inspected in accordance with an 100 Hour inspection and determined to be in alrworthy condition.    Certify that this PROPELLER has been inspected in accordance with an 100 Hour inspection and determined to be in alrworthy condition.	I certify that this PROPELLER has been Inspected in accordance with an 100 Hour Inspection and determined to be in alrworthy condition.  I certify that this PROPELLER has been Inspected in accordance with an 100 Hour Inspection and determined to be in alrworthy condition.  I certify that this Propeller has been inspected in accordance with an 100 Hour Inspected i



#### PROPELLER SERVICE

DATE	Т	TIME RUN		TOTAL TIME SINCE OVERHAUL		
	ня	₹S.	MIN.	HRS.	МІМ	
BROUGHT FORWARD	-		-			
4-26-13	3			1972	2.5	
HOWA	RD A	IRC	RAFTI	NC.	-	HAT CHECKUST I/A/W FAR
			nd Rd.		-	D. AP'S CHECKED THRU 2
Mar	tinsbur	g, W	V 2540	1		SMOOTHED, PAINTED BLADE
	(304) 2	263-2	2231			I CERTIFY THAT THIS PROPERTIES HAS BEEN INSPECTED IN ACCORDANCE WITH A LOO HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
1						SIGNED - CELL ST. CERT. # ASP 2758
Acro Service 615 Airport Winchester, 540-665-019	Perfor Installe Model # 1 s of Wincl Road Suit VA 22602	emed NE HC-C	100 Hou W prope C2YR-1B	r Inspe ller and RFP/F74	ection L spinne 197 St	TACH: 2034.6 TAT: 2034.6 TTSNP: 0000.0  AW approved checklist.  r kit from Hartzell.  N: NS1727B.  I certify that this Propeller has been inspected in accordance with an 100 Hour inspection and determined to be in airworthy condition.  Jonathan Hisghman A&P254307
Jan. 18, 2015	7AC	4	2097.	3		62.7
			AIRCRA			Knionmen HUNUAL TOSPECTION
	Mart	nsbun	elly Island g. WV 254	Rd. 05-2778		PORFORMEN ANNUAL TOSPECTION HAT CHECKLIST I/A/W TAR 43, 79.
			-			PAINTED BLADES.
A .						I CERTIFY THAT THIS PROPERTY HAS BEEN INSPECTED IN ACCORDANCE WITH A AWARD INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
						SIGNED S. Only By CERT # AG PUTSONS
				-		
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TOTAL FROM PREVIOUS SUMMARY						
TOTAL SINCE MFG.						

REPAIRS, ADJUSTMENTS, MODIFICATIONS  DEASONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE
N571DS		
TACH 2195.1		
PERFORMED LOOKE INSPECTION PER	)	
HAI CHECKUST TAW FAR 43		
APPENDIX D. ADS CHECKED THROUGH		
2015-15. SMOOTHED AND PAINTED		ar .
BLADES.	6	
I CERTIFY THAT THIS PROPEUSE HAS BEEN INSPECTED		
IN ACCORDANCE WITH A 100 MR. INSPECTION AND WAS DETERMINED TO BE IN ALTHOUGHTHY CONDITION.		
SIGNED COMON Domani CENT. # AAP 3786701		
TACH: 2288.6 TT-191.3		
PERFORMED ANNUAL INSPECTION TOR HAI	-	
CHECKLIST I/A/W TAR 43 Appendix D.		
AD'S CHECKED THRU 2016-01- NO		
ADS DUE AT THIS TIME. SMOOTHED,		
PAINTEN BLADES.	V	
I CERTIFY THAT THIS PROCESSAL HAS BEEN INSPECTED  IN ACCORDANCE WITH A PARAMETER INSPECTION AND  WAS DETERMINED TO SEE IN APPROXIMATE INSPECTION AND		
A STANDARD OF THE STANDARD OF		
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MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_\_HOURS, OR LIFE