Serial 101-0767 Registration Number Date of Manufacture June 27, 1990 Engine(s) currently installed: Manufacturer Pratt + Unitary Model P1340-\$3416 Serial Manufacturer Model Serial Model Serial Model Serial Model 23 D40	rial 42-9580
Engine(s) currently installed: Manufacturer Ratt + Uhitary Model R-1340-\$3H16 Series Manufacturer Model Series Propeller(s) currently installed:	
Manufacturer Ratt + Uhitaey Model R-1340-\$3H16 Series Manufacturer Model Series Propeller(s) currently installed:	
Manufacturer Ratt + Whitney Model R-1340-\$3H16 Series Manufacturer Model Series Propeller(s) currently installed:	
Manufacturer Model Seri	
HUB Model Serial Serial	rial
Blade Model Serial Serial	Serial
Blade Model Serial Serial	Serial

VEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				ENGINE GIVEN MAJOR QUELHAUL & TEST RUNS.
-				AD 56-6-2 Clas ADS 96.15-82 +99-11-82 N/A
				Carbonton Toxo Al by Auft Tool dijution.
6-	, 22,	**		P+W 42-14648
	1		*	Medel \$1345 - 59 Too ITEM or company to the second
To the second				The first of Guirnonen in Strong coordinates and the
			-	and insplicated in accombance with ourrent F.A.A. Regulations and the found at a day for retorn to ser-
		2 M 1		I will be a state of the said this
			130	7.57 W 21.52
				180. manufacture 4-11-83
				Skined.
				Yourkin Aviation, Inc.

TE	TACH TIME	FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
-2504	3400.			Ta Starl on AT-401-14542W
	SMOH	0		Devation Charle Of engene, OK
4		7		, ,
		4		
YEAR:	TACH TIME	FLIGHT	TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repairs
DATE	IIME	150	SERVICE	Facility. (See back pages for other specific entries.)
		FR	OST F	FLYING MAINTENANCE, INC.
			ianna, AF	the company of the co
)ate:	25 JUN	E 2007		N#: 4542W Hobbs: 4157.8
Mode	el: R 134	0-59		S/N#: 42-14048 SMOH: 757.8
REM	OVED E	NGINE	DUE TO	FAILURE.
Sign	ature:			$CLAY\ EDGIN$
	1			
		-		
			-	
/FΔR:	RECORDING	3 TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
/EAR:	RECORDING TACH TIME	TODAY'S	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Entries (See back pages for other specific entries.)
	TACH	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	TACH	FLIGHT	ROST	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) FLYING MAINTENANCE, INC.
DATE	TACH	FLIGHT F M	ROST arianna,	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) FLYING MAINTENANCE, INC. AR 72360 Phone:
DATE	TACH	FLIGHT F M	ROST arianna,	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) FLYING MAINTENANCE, INC. AR 72360 Phone: N#: 4542W Hobbs: 4157.8
Dat	te: 28 JU	FLIGHT F M NE 200 40	ROST arianna,	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) FLYING MAINTENANCE, INC. Phone: N#: 4542W S/N#: 9943 TSMOH: 0.0
Dat Mo INS	te: 28 JU del: R13	FLIGHT F M NE 200 40 THIS	ROST arianna, A	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) FLYING MAINTENANCE, INC. Phone: N#: 4542W Hobbs: 4157.8 S/N#: 9943 TSMOH: 0.0 ON AIRFRAME S/N 401-0767. SERVICED AND RIGGED
Date Mo INS	te: 28 JU del: R13 TALLEI GINE. G	FLIGHT F M NE 200 40 THIS I	ROST arianna, A	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) FLYING MAINTENANCE, INC. AR 72360 Phone: N#: 4542W S/N#: 9943 TSMOH: 0.0 ON AIRFRAME S/N 401-0767. SERVICED AND RIGGED ND LEAK CHECKED, RUN SATISFACTORY AND NO
Date Mo INS ENGLE	te: 28 JU del: R13 TALLEI GINE. G	FLIGHT F M NE 200 40 THIS I ROUNI FED AT	ROST arianna, A O RUN AN THIS TI	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) FLYING MAINTENANCE, INC. Phone: N#: 4542W Hobbs: 4157.8 S/N#: 9943 TSMOH: 0.0 ON AIRFRAME S/N 401-0767. SERVICED AND RIGGED
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Date Mo INS ENGLE MA	te: 28 JU del: R13 TALLEI GINE. G AKS NOT INTENA	FLIGHT F M NE 200 40 THIS ROUNI FED AT NCE M AT THIS E	ROST arianna, A PROST ENGINE ORUN AN THIS TI ANUAL.	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) FLYING MAINTENANCE, INC. Phone: N#: 4542W Hobbs: 4157.8 S/N#: 9943 TSMOH: 0.0 ON AIRFRAME S/N 401-0767. SERVICED AND RIGGED ND LEAK CHECKED, RUN SATISFACTORY AND NO ME. ALL WORK PERFORMED IAW MANUFACTURES NAN AIRWORTHY CONDITION FOR WORK PERFORMED.
Mo INS ENG LEA MA	te: 28 JU del: R13 TALLEI GINE. G AKS NOT INTENA	FLIGHT F M NE 200 40 THIS ROUNI FED AT NCE M AT THIS E	ROST arianna, A PROST ENGINE ORUN AN THIS TI ANUAL.	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) FLYING MAINTENANCE, INC. AR 72360 Phone: N#: 4542W S/N#: 9943 TSMOH: 0.0 ON AIRFRAME S/N 401-0767. SERVICED AND RIGGED ND LEAK CHECKED, RUN SATISFACTORY AND NO ME. ALL WORK PERFORMED IAW MANUFACTURES
Date Mo INS ENGLE MA	te: 28 JU del: R13 TALLEI GINE. G AKS NOT INTENA	FLIGHT F M NE 200 40 THIS ROUNI FED AT NCE M AT THIS E	ROST arianna, A PROST ENGINE ORUN AN THIS TI ANUAL.	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) FLYING MAINTENANCE, INC. Phone: N#: 4542W Hobbs: 4157.8 S/N#: 9943 TSMOH: 0.0 ON AIRFRAME S/N 401-0767. SERVICED AND RIGGED ND LEAK CHECKED, RUN SATISFACTORY AND NO ME. ALL WORK PERFORMED IAW MANUFACTURES NAN AIRWORTHY CONDITION FOR WORK PERFORMED.
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	Riddell Fly	mg Serv	ice	Helena-West Helena, AR 72390		
DATE	controls. C/W	0.2 nual inspect ark plugs. (AD99-11-0 HIS ENGIN RWORTHY	Changed on a 02 by inspection E HAS BEEN	SMOH: 130.9 Compression test results are - 1=72, 2=74, 3=72, 4=70, 5=70, 6=75, 7=74, 8=72, 9=70. In See AD list in aircraft records for details of compliance. Ground run up found normal. INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND FOUND TO		
YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs Entries must be endorsed with Name, Rating and Cer Facility. (See back pages for other specific entries.)	and Alterations tificate Number of Technician or Rep	
DATE	ite: MARCH			racing. (See back pages for other specific entries.)		
76 — RE NE	/80. #8. 74/8 EINSALLED	COMPR 0. #9. 75 OIL CO	ESSION C /80. DRAI LLER. INS	Model: R1340-S3H1G HECK: #1. 73/80. #2. 76/80. #3. 76/80. #4. 75/80 NED OIL SYSTEM. REMOVED OIL FILTER. TALLED NEW FUEL AND OIL LINES FIREV /LVES FOR PROPER CLEARANCE. INSTAL	REMOVED, CLEANED, AN	
REFINAL CE	ASKETTS. II EPAIRED CH LTER. SERV W AD 99-11 ECORDS IN OP HOBBS, ANUFACTU ERTIFY THI	NSTALL RACKS I /ICED E: -02, [CY LOGS. E RE-FIGI IRES MA S ENGIN D TO BE	ED NEW (N EXHAU: NGINE WI YLINDER H ENGINE GH URED TIM INTENAN IE/PROP H IN AN AIF	OIL PICKUP TUBE FROM BOTTOM OF OIL SET SYSTEM. CLEANED AND GAPPED PLUCE THE 15GAL PHILLIPS XC25W60 OIL. INSPECTION ROUND RUN AND LEAK CHECKED. NO LEADS OFF OF TACH TO BEST ESTIMATE. ALICE MANUAL AND AIR TRACTOR MAINTERS BEEN INSPECTED IAW A 100HR/ANNUAL WORTHY CONDITION.	SUMP TO OIL PUMP. GS. INSTALLED NEW OIL CTED PROP AND PROFILE N. NO CRACKS FOUND. SE AKS FOUND. DUE TO AN L WORK PERFORMED IAW NANCE MANUAL. I	
RE FIII C/V RE INV CE DE DU	ASKETTS. II EPAIRED CH LTER. SERV W AD 99-11 ECORDS IN OP HOBBS, ANUFACTU ERTIFY THI ETERMINEI JANE D. SC	NSTALL RACKS I /ICED E -02, [CY LOGS. E RE-FIGI RES MA S ENGIN D TO BE HAAL A	ED NEW (N EXHAU: NGINE WI 'LINDER H 'NGINE GH URED TIM INTENAN IE/PROP H IN AN AIF 'P.	DIL PICKUP TUBE FROM BOTTOM OF OIL ST SYSTEM. CLEANED AND GAPPED PLUCTH 15GAL PHILLIPS XC25W60 OIL. INSPECTION ROUND RUN AND LEAK CHECKED. NO LEAGUS OFF OF TACH TO BEST ESTIMATE. ALICE MANUAL AND AIR TRACTOR MAINTERS BEEN INSPECTED IAW A 100HR/ANNUAL WORTHY CONDITION.	SUMP TO OIL PUMP. GS. INSTALLED NEW OIL CTED PROP AND PROFILE N. NO CRACKS FOUND. SE AKS FOUND. DUE TO AN L WORK PERFORMED IAW NANCE MANUAL. I AL INSPECTION AND	
REFII C/V REIN MA CE DE DU	ASKETTS. II EPAIRED CH LTER. SERV W AD 99-11 ECORDS IN OP HOBBS, ANUFACTU ERTIFY THI ETERMINEI JANE D. SC	NSTALL RACKS I /ICED E -02, [CY LOGS. E RE-FIGI RES MA S ENGIN D TO BE HAAL A	ED NEW (N EXHAU: NGINE WI //LINDER H ENGINE GH URED TIM INTENAN IE/PROP H IN AN AIH /P.	OIL PICKUP TUBE FROM BOTTOM OF OIL SET SYSTEM. CLEANED AND GAPPED PLUCE THE 15GAL PHILLIPS XC25W60 OIL. INSPECTION ROUND RUN AND LEAK CHECKED. NO LEAGUES OFF OF TACH TO BEST ESTIMATE. ALICE MANUAL AND AIR TRACTOR MAINTERS BEEN INSPECTED IAW A 100HR/ANNUAL WORTHY CONDITION.	SUMP TO OIL PUMP. GS. INSTALLED NEW OIL GTED PROP AND PROFILEI N. NO CRACKS FOUND. SE AKS FOUND. DUE TO AN L WORK PERFORMED IAW NANCE MANUAL. I AL INSPECTION AND	

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Re Facility. (See back pages for other specific entries.)
25-13	751.4		AF TT:7710.7	Removed engine from N4542W this Date.
R	RECORDING TACH TIME	TODAY'		Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries
				MANUFACTURER PRATT AND WHITNEY MODEL R-1340 - 5341 G SER. NO. 42-9580 This aircraft engine or component identified above was disassembled, inspected and repaired in accordance with Pratt & Whitney overhaul manual #123440 and current Regulations of the Federal Aviation Administration and is approved for return to service. Details of the repair are on file at this repair station under work order NO. 5240 BIGNED SAA Repair Station CT2R754K Tules Aircraft Engines, Inc. Taken, Okishema 74115
7	<i></i>	}		The Nation of the American
N4 Da en Fa oil Ac Sk Re	542W tte: 07/02/2013 gine, S/N: 42- bricate & instr tank. Re-instr ccessories/Tuls ytronics. Exha- eplace Induction	3 Tach: 61 9580 on Nall new ho all origina sa. Fuel p aust system on cool air ap & test e speed &	164.0. Remove 084542W. Prope oses for Prop go oll starter & carbump overhauled inspected. Remove whe spark plugs. Granixture. Pull v	Butterfly Aviation, Inc., Goodland, KS. engine and propeller after engine failure. Install this R-1340-S3H1G ller flushed & inspected by Precision Propeller Service & re-installed. vernor system, fuel pump to carburetor & oil cooler inlet/outlet. Flush uretor. Oil cooler & prop governor overhauled by Aircraft I by Quality Aircraft Accessories. Alternator overhauled by epaired by welding main collector outlet. Install new smoker nozzle. ew. Install new oil filter. Fill w/ 11 gals. Phillips X/C 25W60. Pre-oil ound run- leak & Ops ck OK. Adjust prop governor to 2250 RPM. acuum on air conditioning system to leak check & service w/R-134.

YEAR 20 13 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12-15	63060		7737.0	The Comp All by The attack
				Trysp. Found Con Tor Potorents Service.

N4542W

N4542W

Date: 6/7/14 Tach: 6310.0 R&R carburetor with overhauled unit from Tulsa aircraft engines S/N: 5637959. Trouble shot rough running engine. Checked mag timing, test all ignition leads with high tension tester, inspected front plugs. R&R R/H mag with overhauled unit from Covington aircraft engines S/N: BB-24944. Ground run ops. check-ok.

YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries
	N4542W	,		Butterfly Aviation, Inc. Goodland, KS
	Date:07/	14/2014 T	ach: 6404.0	. Comp/80: 1=76,2=76,3=78,4=78,5=80,6=79,8=79,9=79. DRAIN
	OIL & R	EMOVE	FILTER, FI	LTER INSPECTION-NO METAL FOUND. INSTALL NEW
	FILTER	& FILL V	V/9 1/2 GAL	S. PHILLIPS XC 25W60. CLEAN, GAP, TEST AND ROTATE
	SPARK	PLUGS. F	REPLACE C	ONE PLUG W/SERVICABLE UNIT AND ONE W/ NEW REM40E.
	THREA	D CHASE	REAR PLU	JG HOLES. INSPECT & CLEAN PLUG LEADS. RESECURE #1
	REAR S	PARK PL	UG IGNITI	ON LEAD. REPLACE TWO MISSING/BROKEN EXHAUST
	STUDS,	#4 C	YLINDERS	. INSTALL NEW AIR FILTERS. INSPECT CYLINDERS FOR
	MISSIN	G/LOSE F	AL/CYLIN	DER BASE NUTS. C/W AD99-11-02 – CYLINDER HEAD
	CRACK	ING- INS	PECT AS PI	ER AD AND PW SB 1787- NO CRACKS OR DISCOLORATION
	FOUND	THIS DA	TE. WELD	CRACK IN MAIN EXHAUST COLLECTOR, WASH ENGINE.
	GROOM		EAK AND	OPS CHECK – OK.
	N4542V			Butterfly Aviation, Inc. Goodland, KS.
				0. TROUBLESHOOT POSSIBLE LOSE OF POWER. DRAIN
	1			ECK FOR METAL-NONE FOUND. VISUALLY INSPECT ALL
				RS, KEEPERS, ROCKER ARMS AND SHAFTS. CHECK ALL
				LL WITHIN .010018. ADJUST #5 EXHAUST & #6 INTAKE &
				0015. ALL OTHERS AT .010015. CHECKED ALL ENGINE
				FOUND CARB HEAT VALVE OPEN. RESECURE CARB HEAT
				CYLINDER HEAD CRACKING - INSPECT AS PER AD AND PW
				DISCOLORATION FOUND THIS DATE. INSPECT EXHAUST
-				DUCTION SYSTEM-OK. GROUND RUN- PERFORMS
			. FLIGHT T	TEST- PERFORMS SATISFACTORY, ENGINE RETURNED TO
	SERVIC	E.		