

ASA-SE-2

Engine Record General Information

Manufacturer Cirrys Des	Type Certificate	22
Serial 3/92	Type Certificate	A0000 9CH
This engine is currently installed	d in aircraft: AS6LZ /	1823\$
	•	•
Minimum Octane Fuel	Oil Grade Summer	Winter
Magneto Time	Point Setting	Firing Order
Spark Plug Gap		
Nanufacturer's Recommended C	Overhaul at hours	

AUGUSTA AVIATION, INC. DANIEL FIELD (DNL) 1775 HIGHLAND AVE. AUGUSTA, GA 30904 Date: 9/10/2008; Aircraft: N56LZ; Type: SR22; S/N: 3192; Hobbs: 21.0; Total Time: 21.0; Engine - Type: IO-550-N51B, S/N: 691824, Time: 21.0, SMOH: 21.0 C/W initial 25 hour oil sample/change and 100 hr Engine inspection. Inspected filter and found no evidence of metal. Cleaned fuel injectors. Drained and cleaned fuel bowl. Compression checked: #1-75, 2-76, 3-76, 4-76, 5-74 and 6-76. LH Turbo Intake Line rubbing on engine exhaust support bolt. Inspection of line showed line is ok. Repositioned line and applied anti-chafe material (High Temp RTV) as required. LH Upper Fwd Turbo Intake Hose (scat) rubbing on baffling. Inspected hose found to be OK for service. Repositioned hose and applied anti-chafe material (high temp RTV) as required. LH Turbo Oil Unions appear to be leaking. Cleaned area and tightened and resafety wired bolts. Ran aircraft no leak noted at this time. RH ignition wires rubbing on adel clamp around #4 intake pipe. Inspected wires found to have very minor surface damage and OK for service. Repositioned wires as required. I certify the work performed on this date has been inspected in accordance with FARs and applicable manufacturer specifications and was determined to be in airworthy condition.	0	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.)
C/W initial 25 hour oil sample/change and 100 hr Engine inspection. Inspected filter and found no evidence of metal. Cleaned fuel injectors. Drained and cleaned fuel bowl. Compression checked: #1-75, 2-76, 3-76, 4-76, 5-74 and 6-76. LH Turbo Intake Line rubbing on engine exhaust support bolt. Inspection of line showed line is ok. Repositioned line and applied anti-chafe material (High Temp RTV) as required. LH Upper Fwd Turbo Intake Hose (scat) rubbing on baffling. Inspected hose found to be OK for service. Repositioned hose and applied anti-chafe material (high temp RTV) as required. LH Turbo Oil Unions appear to be leaking. Cleaned area and tightened and resafety wired bolts. Ran aircraft no leak noted at this time. RH ignition wires rubbing on adel clamp around #4 intake pipe. Inspected wires found to have very minor surface damage and OK for service. Repositioned wires as required. I certify the work performed on this date has been inspected in accordance with FARs and applicable manufacturer specifications and was determined to be in airworthy condition.	DANIEL FI 1775 HIGH	IELD (DNL) ILAND AVE	<u>.</u>	, INC.	
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3216973	tightened at pipe. Inspe	nd resafety wirected wires fou work performs	red bolts. Ind to have ed on this of inworthy co	Ran aircraft no very minor sur late has been in ondition.	leak noted at this time. RH ignition wires rubbing on adel clamp around #4 Illume face damage and OK for service. Repositioned wires as required.

YEAR 20 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.)
DANIEI - 1775 H	USTA AV L FIELD (DN IGHLAND AV STA, GA 309	L) √E.	N, INC.	"Excellence Since 1940"
Perform found no cable le disenga Turboch Bore scoper Torm noted. I no adjus	ed Service Insponentials of the service Inspo	pection I on netal. Inspe- , corrosion . Pin had g 304-3 and a p to turbo to o Technicia ler drains for med on this n airworthy	Engine. Changected oil lines at and deposits, repone into first statement Alternate Air Dourbines. Noted ans. No other dor clogging or restate that the desired thas the desired that the desired that the desired that the desired	/N: 3192; Hobbs: 44.9; Total Time: 44.9; Engine - Type: IO-550-N51B, S/N: 691824, ge oil with 8 Qts, 50 Wt Aeroshell and Filter with new CH48108. Inspected old filter and fittings for condition, security and leaks. No defects noted. Inspected spark plug to defects noted. Checked operation of alternate air flapper valve. Found hinge pin had age of the compressor blade of the turbo. Noted damage to 5 blades. Replaced for Assembly, P/N ETI-G2-703-1, with new. Performed inspection of exhaust system. exhaust leaks on left and right waste gate exhaust tubes. This is not a discrepancy as efects noted. Visually inspected breather tube for obstructions and security, no defects estriction, no defects noted. Visually inspected mags and performed mag drop check, inspected in accordance with FARs and applicable manufacturer specifications and
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Performed Annual Engine Inspection. Replaced Lower #4 Spark Plug, P/N RHB32S. Induction air filter removed and cleaned. Change oil with 8 Qts of 50 Wt Aeroshell and new filter, P/N: CH48108. Filter check good; no metal found.(11) Compression checked: #1-73, 2-77, 3-76, 4-77, 5-78 and 6-76. 500 HR magneto inspection not due at this time, due at 500.0.(6) Fuel injector nozzles cleaning of did at this time, due at 300.0.(6) Peformed SID 97-3 fuel pressure functional test, checked good. Replaced #6 EGT probe with new.	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
1775 HIGHLAND AVE. AUGUSTA, GA 30904 Date: 9/01/2009; Aircraft: N56LZ; Type: SR22; S/N: 3192; Hobbs: 82.0; Engine - Type: IO-550-N51B, S/N: 691824, Time: 82.0, SMOH 82.0 Performed Annual Engine Inspection. Replaced Lower #4 Spark Plug, P/N RHB32S. Induction air filter removed and cleaned. Change oil with 8 Qts of 50 Wt Aeroshell and new filter, P/N: CH48108. Filter check good; no metal found.(11) Compression checked: #1-73, 1-77, 3-76, 4-77, 5-78 and 6-76. 500 HR magneto inspection not due at this time, due at 500.0.(6) Fuel injector nozzles cleaning of at this time, due at 300.0.(6) Peformed SID 97-3 fuel pressure functional test, checked good. Replaced #6 EGT probe with new. I certify this Engine has been inspected in accordance with the Annual Inspection, FARs and applicable manufacturer specifications and was determined to be in airworthy condition.				N, INC.	"Excellence Since 1940"
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was determined to be in airworthy condition.					
IA 256217253	oil with 8 -77, 3 -7	8 Qts of 50 Wt A 76, 4 -77, 5 -78 a	eroshell and 6 -76. 5	d new filter, P/ 00 HR magnet	N: CH48108. Filter check good; no metal found.(11) Compression checked: #1-73, 2 to inspection not due at this time, due at 500.0.(6) Fuel injector nozzles cleaning of du
	oil with a -77, 3 -7 at this ti	B Qts of 50 Wt A 76, 4 -77, 5 -78 a me, due at 300.0 this Engine has t	eroshell an ind 6 -76. 5 0.(6) Peforr been inspec	d new filter, Pi 00 HR magnet med SID 97-3 cted in accorda	N: CH48108. Filter check good; no metal found.(11) Compression checked: #1-73, 2 to inspection not due at this time, due at 500.0.(6) Fuel injector nozzles cleaning of du fuel pressure functional test, checked good. Replaced #6 EGT probe with new.
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DANIEI - 1775 H	JSTA A\ FIELD (DN IGHLAND A' STA, GA 30	IL) VE.	N, INC.	"Excellence Since 1940"
- SMOH:	120.6			S/N: 3192; Hobbs: 120.6; Engine - Type: IO-550-N51B, S/N: 691824, Time: 120.6,
oil with -74, 3-7 Peform CAV n	8 Qts, 50 Wt A 75, 4-74, 5-78 a ed SID 97-3 Fu n defects noted	veroshell ar and 6-76, 5 uel Pressur d.	nd Filter, 7PN AV 00 Hour Magne e Functional In:	gs removed, cleaned, inspected and reinstalled with new Gaskets, P/N M674. Changed A48108, with new. Filter checked good; no metal found. Compression checked: #1-74, 2 to Inspection not due at this time. Fuel Injector Nozzles cleaning not due at this time. spection, no defects noted. All engine parameters within specifications. Turbo inspection
l certify	this Engine hatemined to be	s been ins in airworth	pected in accor	dance with the Annual Inspection, FARs and applicable manufacturer specifications and
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IA 2562	217253			
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		A.I	n or Repair Facility.		
		•			(%)
	<u>I</u>	Lowe Avi	ation Com	pany	,
			con, Georgia	. 17	a s
Aircraft Reg	<u>istration</u>	N823S	Date		8/2/2011
Model		10-550-N	Work (<u>Order</u>	12275
Serial Numb	<u>ber</u>	691824	Flight I	lobbs	177
-			TSN		177
replaced fi Replaced 2	Iter and added 2ea sparkplug	d 8 quarts of 15v ps #1 and #2 low	4) 72/80 5) 72/80 v50. Cleaned and rer. Cleaned fuel no	otated sp ozzles and	arkplugs d replaced
replaced fi Replaced 2 orings. Che	Iter and added 2ea sparkplug ecked magne	d 8 quarts of 15v is #1 and #2 low to timing ok. Thi	v50. Cleaned and i	otated spozzles and inspected	arkplugs i replaced id and found
replaced fi Replaced 2 orings. Che	Iter and added 2ea sparkplug ecked magne	d 8 quarts of 15v is #1 and #2 low to timing ok. Thi	v50. Cleaned and i er. Cleaned fuel no s engine has been	otated spozzles and inspected	arkplugs i replaced id and found
replaced fi Replaced 2 orings. Che	Iter and added 2ea sparkplug ecked magne	d 8 quarts of 15v is #1 and #2 low to timing ok. Thi	v50. Cleaned and i er. Cleaned fuel no s engine has been	otated spozzles and inspected work ord	arkplugs i replaced id and found
replaced fi Replaced 2 orings. Che	Iter and added 2ea sparkplug ecked magne	d 8 quarts of 15v is #1 and #2 low to timing ok. Thi	v50. Cleaned and recovery control of the control of	otated spozzles and inspected work ord	arkplugs i replaced id and found
replaced fi Replaced 2 orings. Che	Iter and added 2ea sparkplug ecked magne	d 8 quarts of 15v is #1 and #2 low to timing ok. Thi	v50. Cleaned and recovery control of the control of	otated spozzles and inspected work ord	arkplugs d replaced d and found er # 12275.
replaced fi Replaced 2 orings. Che	Iter and added 2ea sparkplug ecked magne	d 8 quarts of 15v is #1 and #2 low to timing ok. Thi	v50. Cleaned and recovery control of the control of	otated spozzles and inspected work ord	arkplugs d replaced d and found er # 12275.
replaced fi Replaced 2 orings. Che	Iter and added 2ea sparkplug ecked magne	d 8 quarts of 15v is #1 and #2 low to timing ok. Thi	v50. Cleaned and recovery control of the control of	otated spozzles and inspected work ord	arkplugs d replaced d and found er # 12275.
replaced fi Replaced 2 orings. Che	Iter and added 2ea sparkplug ecked magne	d 8 quarts of 15v is #1 and #2 low to timing ok. Thi	v50. Cleaned and recovery control of the control of	otated spozzles and inspected work ord	arkplugs d replaced d and found er # 12275.

TIME	FLIGHT	TIME		Entries mus Technician	t be endorsed with Name, Rating and Certificate Num or Repair Facility. (<i>See</i> back pages for other specific e
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			Mark Market and a second		
REG. # 1	1823S	se			DATE 09-30-2011
TACH 18	8.2		НО	BBS:238.1	TT 188.2
check Of	< ****ENI	D****	,		29E massive electrode plugs. Ground run ops
The second of th	inett	D****			nic Dan Unity gr Aip 269055 3
	< ****ENi	D****			
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EAR D Ate	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries mu	tion of Inspections, Tests, Repairs and Aust be endorsed with Name, Rating and Certificate on or Repair Facility. (See back pages for other spe	Number
	REG. #: N8	23S			DATE: 01/31/2012	7-
	TACH:217.	3	НОВЕ	3S:270.6	TT: 217.3	
	*****	VE-folge	ed case inri	1-holts on :	I. Serviced engine with 7 quarts of Aeroshell	,
	Gwinn	ett A		bolts on: Mechani	#2 alternator. Ground run and leak check OK.	
	END	ett A			#2 alternator. Ground run and leak check OK.	
	Gwinn	ett A			#2 alternator. Ground run and leak check OK.	
	Gwinn	ett A			#2 alternator. Ground run and leak check OK.	

AR	RECORDI TACH			s, Tests, Repairs and Alterations ame Rating and Certificate Number of				
E	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	RUS	Leading the Business of Aviation	LIVINI				
_ [Registration	N823S	Cutter Aviation San Antonio, In	c. Hour meter 253.5				
	Model No.	SR22	367 Sandau Rd.	Total Time 253.5				
	Serial No.	3192	San Antonio, Texas 78216	_				
·	Engine Model	IO550N51B	Phone (210) 384-3388 Fax (210) 38	34-3394 PAGE 1 OF 1				
L	Engine S/N	691824	CRS U7TR491Y	e				
	 DRAINED OIL, OBTAINED SAMPLE AND REMOVED FILTER. OPENED FILTER TO CHECK FOR METAL CONTAMINATION. NONE FOUND. INSTALL NEW CH48108-1 FILTER. SERVICED ENGINE WITH 8 QTS OF AEROSHELL W100. COMPRESSION CHECK RESULTS; # 1 72/80, # 2 76/80, # 3 74/80, # 4 74/80, # 5 72/80, # 6 76/80. RETORQUED ALL EXHAUST HEAT SHIELD CLAMPS IAW TORNADO ALLEY ICA #22-6460004. INSTALLED NEW #4 CYLINDER DRAIN ASSSEMBLY P/N 643584 IAW IO550 SERIES MAINTENANCE AND OVERHAUL MANUAL. SERVICED INDUCTION AIR FILTER IAW TORNADO ALLEY SERVICE INSTRUCTION TAT SI 08-05. REINSTALLED FILTER IAW SR22 SERIES AMM CHAPTER 71-60. CLEANED CRANKCASE DUMP VENT. REPOSITIONED #1 CYLINDER FUEL INJECTOR LINE CLAMP TO PROPERLY SUPPORT INJECTOR LINE. 							
L	I CERTIFY THAT A 100 HOUR INSPECTION HAS BEEN PERFORMED ON THIS ENGINE IN ACCORDANCE WITH FAR 43 Appendix D, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair/inspection is on file at this repair station under Work Order: 11M-1929							
Γ	***	/30/2012	Authorized /,	Tom Bierschwale				
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TODAY'S TOTAL Description of Inspections, Tests, Repairs and Alterations RECORDING AR ITE HOBBS: 0509.1 ENGINE FLIGHT: 0409.2 McCREERY AVIATION CO., INC. 03/25/2014 W.O.#: 2014-17452 P.O. BOX 1659 **REG. NO.: N823S** McALLEN, TX 78505 MODEL: IO550N51B S/N: 691824 → COMPLIED WITH AN ANNUAL INSPECTION IN ACCORDANCE WITH CIRRUS MODEL SR22 MAINTENANCE MANUAL AN INSPECTION CHECK LIST. → DRAINED ENGINE OIL. REMOVED OIL FILTER AND CUT OPEN, NO METAL FOUND. INSTALLED NEW OIL FILTER P/N: CH48108-1 AND SERVICED ENGINE WITH 8 QUARTS OF AEROSHELL W100 PLUS. → COMPRESSION CHECK: 1) 67/80 2) 76/80 3) 66/80 4) 72/80 5) 73/80 6) 76/80 WASHED ENGINE. PERFORMED LEAK CHECK. OPS CHECK OK. REMOVED ALL FUEL INJECTORS AND ULTRASONIC CLEANED. RE-INSTALLED. REMOVED AND REPLACED GASKETS AT #2 AND #3 CYLINDERS WITH NEW P/N: 649950. REMOVED CHECK VALVE FROM LEFT AND RIGHT TURBOS. CLEANED SCREWS IN "O" VALVES. REMOVED AND REPLACED MAGNETO FILTER WITH NEW P/N: 1396-2. REMOVED AND REPLACED GASKET AT LEFT FORWARD CASE OIL PLUG WITH NEW. COMPLIED WITH ALL APPLICABLE AD'S AND BI-WEEKLY THRU 2014-06. I CERTIFY THAT THIS ENGINE IDENTIFIED ABOVE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO.: 2014-17452. McCREERY AVIATION CO., INC. DATE: 03/25/2014 FAA REPAIR STATION NO. CRSHLFR716E McALLEN, TX 78503 SIGNED: ANTHONY PRATS

YEAR 20____

RECORDING TACH TODAY'S FLIGHT TOTAL
TIME IN
SERVICE

Entries must be endorsed with Name, Rating and Certificate Number of

Tophnician or Poppir Escility (See back pages for other enecific entries)



ENGINE 01/29/2015

REG. NO.: N823\$ MODEL: IO550N51B

S/N: 691824

McCREERY AVIATION CO., INC.
P.O. BOX 1659
McALLEN, TX 78505

HOBBS: 0627.8 FLIGHT: 0508.7 W.O.#: 2015-18704

- → COMPLIED WITH AN ANNUAL INSPECTION IN ACCORDANCE WITH CIRRUS MODEL SR22 MAINTENANCE MANUAL AN INSPECTION CHECK LIST.
- DRAINED ENGINE OIL. REMOVED OIL FILTER AND CUT OPEN, NO METAL FOUND. INSTALLED NEW OIL FILTER P/N: CH48108-1 AND SERVICED ENGINE WITH 8 QUARTS OF AEROSHELL W100 PLUS.
- → COMPRESSION CHECK: 1) 66/80 2) 74/80 3) 72/80 4) 74/80 5) 70/80 6) 70/80
- WASHED ENGINE. PERFORMED LEAK CHECK. OPS CHECK OK.
- → COMPLIED WITH 500 HR MAGNETO INSPECTION. OPEN, INSPECTED, CLEANED AND REPLACED CAPACITORS AND POINTS. PERFORMED BENCH TEST. OPS CHECK OK.
- → APPLIED FLARE TO BOTH ENDS OF UPPER DECK LINE.
- * REMOVED AND INSPECTED ALL FUEL INJECTORS, REMOVED AND REPLACED O-RINGS AND WASHERS. TORQUED.
- PREMOVED AND REPLACED CYLINDER #1 GAMI INECTOR WITH P/N: 550-19B, TORQUED TO 60 LBS.
- → COMPLIED WITH ALL APPLICABLE AD'S AND BI-WEEKLY THRU 2015-02.

I CERTIFY THAT THIS ENGINE IDENTIFIED ABOVE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO.: 2015-18704:

DATE: 01/29/2015

SIGNED:

ANTHONY PRATS

McCreery aviation co., Inc. FAA REPAIR STATION NO. CRSHLFR716E McAllen, TX 78503

R	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of In Entries must be ende	spections, Tes orsed with Name. F	ts, Repairs and Alterations Rating and Certificate Number of
	T INC.				*	
		257		MATI O		
		3				HOBBS: 0745.9
	HOOLE			McCREERY AVIATION O	'O INC	FLIGHT: 0606.1
	1/2016 NO N8235			P.O. BOX 1659	87 HW.	W O,#; M 16 1012
	DEL: JOSSONSTB			McALLEN, TX 7850)5	
	691824					
. ,, 1 1	W. K.					
	→ COMPLIED	WITH AN	ANNUAL II	NSPECTION IN ACCORDANG	E WITH CIRRUS MO	DEL SR22 MAINTENANCE MANUAL
	AN INSPEC	TION CHE	CKLIST			
	> DRAINED F	NGINE OF	I, REMOVE	D OIL FILTER AND CUT OP	IN, NO METAL FOUN	ID, INSTALLED NEW OIL FILTER P/N:
	€1148108-1	AND SERV	ICED ENGI	NE WITH 8 QUARTS OF AER	OSHELL W100 PLUS.	
	→ COMPRESS	ION CHEC	K. 1) 62/80	2) 73/80 3) 70/80 4) 70/80 5)	70/80 6) 76/80	
	-) WASHED E	NGINE, PE	RFORMED	LEAK CHECK OPSICHECK (OK.	
	→ REMOVED	AND REPI	ACED SPAI	RK PLUGS WITH NEW P/N: I	HB29E.	
	+ REMOVED	AND-REPI	ACED PRES	SSURIZED FILTER P/N, 1396	2.	
	→ COMPLIED	WITH AL	LAPPLICA	BLE AD'S AND BEWEEKLY T	HRU 2016-02.	•
		•				OZE AVERT ANI ANIMI AL INSPECTION
1 CI	RTIFY THAT TH	S ENGINE	IDENTIFIE	D ABOVE HAS BEEN INSPE	CTED IN ACCORDAN	NCE WITH AN ANNUAL INSPECTION
				THE ATTICKTE AND MAKE THE	FRANTSPID TO DE T	A WILL AMANICALLY SECTIONS OF THE PERSON OF
API	ROVED FOR REI	TURN TO	SERVICE :	PERTINENT DETAILS OF R	EPAIRS ARE ON FILI	E AT THIS REPAIR STATION UNDER
	RK ORDER NO.:			\		
				8	¥.W 2	SOLDED STATE ON CO. INC.
DA.	ГЕ: 02/11/2016		/	•		TREERY AVIATION CO., INC.
				. /		A REPAIR STATION NO. CRSHLFR716E
SIC	NED:	11	((()		Mc./	ALLEN, TX 78503
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Registration	N823S
Model No.	IO-550-N51B
Serial No.	691824
Date	02/25/2017



ENTRY					
Hour Meter	911.5				
Total Time	911.5				
Landings					
PAGE 1 OF 1					

ENGINE RECORD

- COMPLIED WITH AN ANNUAL INSPECTION I.A.W. CIRRUS MODEL Sr22 MM AND INSP. CHECK LIST
- COMPRESSION TEST ARE 1.)72/80 2.)74/80 3.)75/80 4.)74/80 5.)73/80 6.)77/80.
- DRAIN OIL, REMOVED FILTER, CUT OPEN AND INSPECTED WITH NO METAL O DEFECTS FOUND, SERVICED ENGINE WITH NEW CH48108-1 OIL FILTER, AND 8 QTS. OF AEROSHELL W100 PLUS OIL, WASHED ENGINE,+ AND DID A RUN-UP, WITH NO LEAKS NETED.
- REMOVED SPARK PLUGS, CLEANED, INSPECTED AND TESTED NO DEFECTS NOTED, ROTADED AND REINSTALED.
- REMOVED AND REPLACE K&N INDUCTION AIR FILTER P/N: 33-2022.
- INSPECTED EXHASUST SYSTEM WITH NO LEAKS NOTED.
- REMOVED, CLEANED AND REINSTALLED ALL FUEL INJECTORS.
- COMPLIED WITH ALL APPLICABLE ADS BI-WEEKLY THRU 2017-02.

RAYMUNDO ORTEGA A&P 2806295 ANTONIO CEDILLO-MEDINA A&P 346880253 AI

I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH MANUFACTURE ANNUAL INSPECTION AND FAR 43 APPENDIX D, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED TO RETURN TO SERVICE.

YEAR 20 ___ Date



Registration	N823S	
Model No.	SR22	
Serial No.	3192	
Engine Model	IO550N	
Engine S/N	691824	



Leading the Business of Aviation

Cutter Aviation San Antonio, Inc.
367 Sandau Rd.
San Antonio, Texas 78216
Phone (210) 384-3388 Fax (210) 384-3394
CRS U7TR491Y

ENGINE RECORD ENTRY

Flt. Hour meter	786.2
Total Time	786.2
Eng TSOH	

PAGE 1 OF 2

- 1. COMPLIED WITH A 100 HOUR INSPECTION IAW FAR43 APPENDIX D USING THE CIRRUS SR22 SERIES SCHEDULED INSPECTION REPORT AS A GUIDE.
- 2. COMPRESSION CHECK RESULTS; # 1 74/80, # 2 72/80, # 3 74/80, # 4 74/80, # 5 74/80, # 6 76/80.
- 3. DRAINED OIL AND REMOVED FILTER. OPENED FILTER TO INSPECT FOR METAL. NONE FOUND. INSTALLED NEW FILTER P/N CH48108-1. SERVICED ENGINE WITH AEROSHELL W100+ OIL. GROUND RUN AND LEAK CHECKED GOOD.
- 4. COMPLIED WITH THE FOLLOWING TORNADO ALLEY ICA'S PER TORNADO ALLEY MANUAL 22-6460004 REV. C:
 - 50 HOUR AIRFRAME SPECIAL INSPECTIONS, NO DEFECTS NOTED.
 - 50 HOUR AIRFRAME INSPECTIONS. NO DEFECTS NOTED.
 - 50 HOUR ENGINE INSPECTION ITEMS. NO DEFECTS NOTED.
 - 100 HOUR AIRFRAME INSPECTION ITEMS. NO DEFECTS NOTED.
 - 200 HOUR AIRFRAME INSPECTION ITEMS. NO DEFECTS NOTED.
 - 450 HOUR REPLACEMENT OF EXHAUST V-BAND CLAMPS. NEW CLAMPS P/N 11-1100023 INSTALLED.
 - 36 MONTH REPLACEMENT OF MAGNETO PRESSURIZATION FILTER. NEW FILTER P/N 04-6700015 INSTALLED.
- 5. REPOSITIONED RIGHT TURBO OIL SUPPLY HOSE TO PREVENT CHAFING.
- 6. INSTALLED ENGINE DRIVEN FUEL PUMP P/N ETI-SR22-2-12, S/N GP5277 OVERHAULED BY GREAT PLANES FUEL METERING, INC. CRS# 1GPR022B UNDER WO# 17-492. REFERENCE THEIR 8130-3 FORM DATED 10/2/2017. ADJUSTED FUEL PRESSURES, IDLE MIXTURE AND IDLE RPM. OPS CHECKED AND LEAK CHECKED GOOD. REFERENCE IO550 SERIES STANDARD PRACTICES MANUAL M-0 AND TORNADO ALLEY ICA MANUAL 22-6460004 REV. C.
- 7. INSTALLED NEW SLAVE WASTEGATE CLEVIS P/N MS20932-1C13. OPS CHECKED GOOD. REFERENCE TORNADO ALLEY MM REPORT 215-10.

-----CONTINUED NEXT PAGE----

20 Date	I IIFOGITATION	TODAY'S Flight	TOTAL DO EN SERVICE Te	escription of Inspections, Teatries must be endorsed with Name, chnician or Repair Facility. (See back	Rating and Certifica k pages for other sp	te Number of Decific entries
	CIRRUS		Leadin	ag the Business of Aviation	ENGINE REC	
Registra	tion N82	3S	Cutter A	Aviation San Antonio, Inc.	Flt. Hour meter	786.2
Model No				367 Sandau Rd.	Total Time	786.2
Serial No				Antonio, Texas 78216	Eng TSOH	
Engine M Engine S/				384-3388 Fax (210) 384-3394 CRS U7TR491Y	PAGE 2 OF 2	
9. ADJUS DOCU 10. INSTA	STED FULL POVIMENT 22-646000 LLED NEW ROC RENCE 10550 SE PLIED WITH 12 M	VER MA 04 REV. (CKER C(ERIES ST ONTH/3(NIFOLD PRESSUI C. OVER GASKETS F ANDARD PRACTION HOUR CLEANIN	PUMP, CLEANED, REINSTALLED AND PRACTICES MANUAL M-0. RE. OPS CHECKED GOOD. REFERE P/N 655705 ON ALL ROCKER COVER CES MANUAL M-0. NG OF ENGINE FUEL NOZZLES PER T	NCE TORNADO ALL	EY ICA -
11. COMP INJEC 12. PERFO		RUN A	IND LEAK CHECKS	WITH SATISFACTORY RESULTS.		-
11. COMP INJEC 12. PERFO CERTIFY Appendix D	THAT A 100 HOL	D RUN A	ECTION HAS BEE	WITH SATISFACTORY RESULTS. EN PERFORMED ON THIS ENGINE IN AIRWORTHY CONDITION AND IS file at this repair station under Work Orce	ACCOPDANCE WIT	-

20 _ Dat

YEAR

McCREERY AVIATION CO., INC. P.O. BOX 1659 McALLEN, TX 78505 HOBBS: 1060.8 FLIGHT: 0868.5 W.O.#: M-19-4781

S/N: 691824

ENGINE

02/08/2019

REG. NO.: N823S

MODEL: IO550N51B

- → COMPLIED WITH AN ANNUAL INSPECTION IN ACCORDANCE WITH CIRRUS MODEL SR22 MAINTENANCE MANUAL AN INSPECTION CHECKLIST.
- → DRAINED ENGINE OIL. REMOVED OIL FILTER AND CUT OPEN, NO CONTAMINATION FOUND. INSTALLED AND SAFETIED NEW OIL FILTER P/N: CH48108-1. SERVICED ENGINE WITH 8 QUARTS OF AEROSHELL W100 PLUS.
- → COMPRESSION CHECK: 1) 74/80 2) 72/80 3) 74/80 4) 74/80 5) 72/80 6) 76/80
- → WASHED ENGINE. PERFORMED LEAK CHECK. OPS CHECK OK.
- → REMOVED AND REPLACED #6 EGT WITH NEW P/N: 24585-001.
- → CLEANED FUEL INJECTORS, REPLACED O-RINGS, RUBBER AND METAL WASHERS. TORQUED AND REPLACED CRUSH GASKETS. OPS CHECK GOOD.
- → REMOVED AND REPLACED MAGNETO FILTER WITH NEW P/N: 1396-2.
- → COMPLIED WITH TURBO NORMALIZED CIRRUS DESIGN SR22 22-6460004 CONTINUED AIRWORTHINESS REV.A CHECKLIST.
- → REMOVED AND REPLACED STARTER O-RING WITH NEW P/N: MS28775-040. OPS CHECK GOOD.
- → COMPLIED WITH ALL APPLICABLE AD'S AND BI-WEEKLY THRU 2019-03.

I CERTIFY THAT THIS ENGINE IDENTIFIED ABOVE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO.: M-19-4781.)

DATE: 02/08/2016

SIGNED:

McCREERY AVIATION CO., INC. FAA REPAIR STATION NO. CRSHLFR716E McALLEN, TX 78503

ANTHONY PRATS



McCREERY AVIATION CO., INC. P.O. BOX 1659 McALLEN, TX 78505 HOBBS: 1214.4 FLIGHT: 1000.6 W.O.#: M-20-6315

S/N: 691824

ENGINE

02/14/2020

REG. NO.: N823S

MODEL: IO550N51B

- COMPLIED WITH AN ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D USING THE CIRRUS SR22 MAINTENANCE MANUAL INSPECTION CHECKLIST AS A GUIDE.
- → DRAINED ENGINE OIL. REMOVED OIL FILTER AND CUT OPEN, NO CONTAMINATION FOUND. INSTALLED AND SAFETIED NEW OIL FILTER P/N. CH48108-1. SERVICED ENGINE WITH 8 QUARTS OF AEROSHELL W100 PLUS.
- → COMPRESSION CHECK: 1) 76/80 2) 74/80 3) 74/80 4) 76/80 5) 72/80 6) 74/80
- → WASHED ENGINE. PERFORMED LEAK CHECK. OPS CHECK OK.
- REMOVED AND REPLACED TIT PROBE SENSOR WITH NEW P/N: 86245.
- → CLEANED FUEL FLOW CONNECTOR AT TRANSDUCER.
- → REMOVED AND REPLACED DIP STICK GASKETS WITH NEW.
- → ADJUSTED MAP AS REQUIRED
- → REMOVED STARTER P/N: C24ST3 S/N: 4C3-281049 AND REPLACED WITH P/N: 657596 S/N: 4C3-031432.
- → REMOVED AND REPLACED VALVE COVER GASKETS WITH NEW P/N: RG-632459.
- → REMOVED STARTER ADAPTER P/N: 629530 S/N: 639386J AND REPLACED WITH AN OVERHAULED STARTER ADAPTER P/N: 658440A1 S/N: QAA60007.
- → COMPLIED WITH ALL APPLICABLE AD'S AND BI-WEEKLY THRU 2020-02.

1 CERTIFY THAT THIS ENGINE IDENTIFIED ALOVE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND SAPPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO.: M-20-6315.

WORK ORDER NO.: W-20-03

DATE: 02/14/2020

SIGNED:_

ANTHONY PRATS

McCREERY AVIATION CO., INC.

FAA REPAIR STATION NO. CRSHLFR716E

McAI LEN, TX 78503