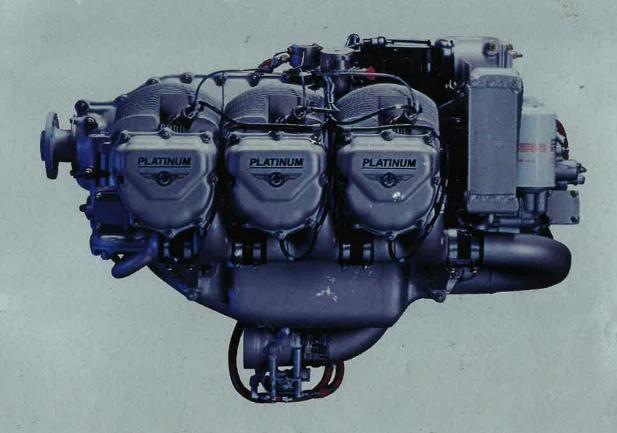
PLATINUM ENGINE LOG BOOK





CONTINENTAL MOTORS

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company Printed: 09/22/2005

This engine model I0550N27

, Serial No. 917897 was manufactured on 09/21/2005

by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY PRODUCTION CERTIFICATE NO. 508

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

Teledyne Continental Motors Abbeville Industrial Park Suite 159 Abbeville, AL 36310

		Time		Since verhaul	Engine Service	and Maintenance Reco
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, A Modifications and Service E	airworthiness Directives, Special Inspection
_	I.	ķ ;		1		
					A STATE OF	. 489
	NE MODEL: 0-N27	ŀ	Keystone	Aviation	0,1	DATE: 11/1/2005
ENGI	NE S/N: 9178 NO: N828DT	97 F	Repair Station I 03 N 2370 W	No. K5SR339	N	A/C TSN: ENG TT: 26.5
	K ORDER: 13	367 S	Salt Lake City, Phone: 801 35	Utah 84116		HOBBS: 26,5
F			TRUTIE, OUT 33	9-2000		
_	ine Entrie: Ne ou deal		EMOVED OIL	EU TED AND	INSPECTED FOR CONTAMINATE, NONE F	
CHAS	108-1 AND SA 20W50 LEA	ALE HED. KE	=INSTALLED (oil drain Pi	.UG WITH NEW GASKET P/N MS35769-11 /	AND SAFETIED. ADDED 7 QTS OF EXXON
The a	irframe, engin	e and/or con	nponent identil	fied herein wa	s repaired and inspected in accordance with e operator is certified, and is approved for ret	the current Keystone Aviation L.L.C. Inspection
Pertin	ent details of t	he repair are	on file under	Repair order	o operator is cartinau, and is approved for rec	aurit to service as per those requirements.
DAT	F. 44 9 DOD			Mark	100.	
DATI	E: 11/1/2005		SIGNED:	Mark	U. French	Work Order: 13367
			nfrench Certified Repa	ir Station No.	K5SR339N	Printed by EBis 3 (datcomedia.com)
	$\Gamma = -1$	- 1	- "			
						and the second second
ENGIN	E MODEL:	. v		Audation		DATE: 1/27/2006
10-550	-N27	_	eystone / pair Station No			A/C TSN: 49.7 ENG TT: 49.7
REG. N	Ē S/N: 917897 IO: N828DT	303	3 N 2370 W			HOBBS: 49.7
WORK	ORDER: 1337		It Lake City, U one: 801 359-			,
FILTER		NO SAFETI		ALLED OIL SU	MIP DRAIN PLUG WITH NEW GASKET P/N HECKED SATISEACTORY	MS35769-11 AND SAFETIED, ADDED 7
FILTER QTS OI The air Manual	FEXXON 20W	NNO SAFETI 1/50 OIL. LE and/or comp ral Aviation F	ED. REINSTA EAK AND OPE conent identifications un	ALLED OIL SU RATIONAL C ed herein was der which the	ECKED SATISFACTORY	ne current Keystone Aviation L.L.C. Inspection
FILTER QTS OI The air Manual Pertine	FEXXON 20W frame, engine and the Feder nt details of the	AND SAFETI W/50 OIL. LE and/or comp ral Aviation R e repair are	ED. REINSTA EAK AND OPE conent identific regulations und on file under F	ALLED OIL SU RATIONAL C ed herein was der which the	HECKED SATISFACTORY. repaired and inspected in accordance with the	ne current Keystone Aviation L.L.C. Inspection rn to service as per those requirements.
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Date: June 2, 2006

N828DT

Hobbs: 148.9

Changed oil and filter. Serviced with Exxon Elite.

Mark Ulschmid A&P473629783

Mock allelum

Date	Total	Time		Since verhaul	Engine Service and Main	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Dir Modifications and Service Bulletins	ectives, Special inspections,
Brought Forward		→				
SEPT 4 JOCK	3				CIL CHANCE - SEE AIRERAIME	106-
HORRS	200.	8				
0-24-06					CHANGED OIL + FILTER - EX	cx Eute 20w-50
Hobbs	367.	9			Cole	Mully APS 18005887
					/	0
	-	ı	l	İ	1	
	-	ENGINE M		Keys	tone Aviation	DATE: 12/1/2006 A/C TSN: 289
	_	ENGINE S	/N: 917897 N828DT	303 N 2		ENG TT: 289 HOBBS: 289
	_		DER: 14974		e City, Utah 84116 801 359-2085	
	J1	Engine A		AOI IID IINISDEA	CTION CAV PER CIRRUS DESIGN INSPECTION CHECKLIST 05-20	FINGINE APPROVED FOR RETURN TO
	1	SERVICE	FOR THE WO	RK PERFORI	VIED AT THIS DATE AND TIME ENGINE CYLINDERS COMPRESS WE 78/80. CHECKED SATISEACTORY. ENGINE OIL DRAINED HO	ION CHECK COMPLETED #1, 74/80, #3, DT. REMOVED OIL FILTER AND
		INSPECTE	D FOR CONT	AMINATE, N	ONE FOUND, INSTALLED NEW FILTER, PAN CH48108-1 AND SAFE 1 AND SAFETIED, ADDED 8 QTS OF EXXON ELITE 20W50, LEAK, TORS REMOVED FOR CLEANING, INJECTORS CLEANED AND RE	AND OPERATIONAL CHECKED
	Т	PN 630979	-9, NEW RUE	BER WASHE	ERS, PN 640612, NEW NOZZLE COPPER GASKETS, PN X1472 AND INISTALLED LINDED STC: SA02268CH PER DRAWING # AFC-W360	REV A DATED 01/10/06. OPERATIONAL
		CHECK S	ATISFACTOR'	SEE FAA 3	337 DATED 11/10/06 FOR PERTINENT DATA, WIEGHT AND BALAN	CE AND EQUIPMENT LIST UPDATED.
	197					
	74	Manual an	d the Federal	Aviation Regul	nt identified herein was repaired and inspected in accordance with the lations under which the operator is certified, and is approved for return	current Keystone Aviation L.L.C. Inspection to service as per those requirements.
		Manual an Pertinent d	d the Federal a letails of the re	Aviation Regul	lations under which the operator is certified, and is approved for return the under Repair order	to service as per those requirements,
	A T	Manual an	d the Federal a letails of the re	Aviation Regul apair are on fil	lations under which the operator is certified, and is approved for return to under Repair order SIGNED: Washa Alexandre	current Keystone Aviation L.L.C. Inspection to service as per those requirements. Work Order: 14974 Printed by EBis 3 (datcomedia.com)
		Manual an Pertinent d	d the Federal a letails of the re	Aviation Regul apair are on fil	lations under which the operator is certified, and is approved for return the under Repair order SIGNED: Washa Aewel	Work Order: 14974
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	ENGINE M	Manual and Pertinent of DATE: 1:	d the Federal letails of the re 2/1/2006	Aviation Regul	ations under which the operator is certified, and is approved for return to under Repair order SIGNED: Moral Alexandria Mirench Certified Repair Station No. K5SR339N	Work Order: 14974 Printed by EBis 3 (datcornedia.com) DATE: 11/27/2006 A/C TSN: 289
	IO-550-N27 ENGINE S/ REG. NO: N	Manual and Pertinent of DATE: 1: DATE: 1: DDEL N: 917897 4828DT	d the Federal letails of the re 2/1/2006 Keys Repair 303 N 2	Aviation Regul pair are on fil tone Avi Station No. KS 3370 W	ations under which the operator is certified, and is approved for return to the under Repair order SIGNED: Market Actual	Work Order: 14974 Printed by EBis 3 (datcornedia.com) DATE: 11/27/2006
	IO-550-N27 ENGINE S/ REG. NO: N	Manual and Pertinent of DATE: 1:	d the Federal I letails of the re 2/1/2006 Keys Repair 303 N 7 Salt Lai	Aviation Regul pair are on fil tone Avi Station No. K.	ation SSR339N B4116	DATE: 11/27/2006 A/C TSN: 289 ENG TT: 289
	IO-550-N27 ENGINE S/ REG. NO: N WORK ORI	DATE: 1: DATE: 1: DATE: 1: DATE: 1: DEL N: 917897 4828DT DER: 14983 Entries	keys Repair 303 N 2 Salt Lai	Aviation Regul ipair are on fil station No. K ² 2370 W (e City, Utah 1 801 359-208	ation SSR339N BALLES B	DATE: 11/27/2006 A/C TSN: 289 ENG TT: 289 HOBBS: 289
	IO-550-N27 ENGINE S/ REG. NO: N WORK ORI Engine I SCAT TUB REMOVED	DATE: 1: DATE:	Keys Repair 303 N 3 Sell La Phone:	Aviation Regul Aviation Aviation No. Kiston	ation SIGNED: SIGNED: Moreover to the operator is certified, and is approved for return to under Repair order SIGNED: Moreover to the control of the contro	DATE: 11/27/2006 A/C TSN: 289 ENG TT: 289 HOBBS: 289 P/N 15196-002 STARTER FACTORY LEFT FORWARD AC33 1318 CH4 SEC 4
	IO-550-N27 ENGINE S/ REG. NO: N WORK ORI Engine I SCAT TUB REMOVED BAFFLING	DATE: 1: DATE:	Keys Keys Repair Soll Lai Phone:	Aviation Regulipair are on fill standard Aviatione Aviation No. Kitation No. Kitati	ation SSR339N BALLES B	DATE: 11/27/2006 A/C TSN: 289 ENG TT: 289 HOBBS: 289 P/N 15196-002 STARTER FACTORY LEFT FORWARD AC43, 131B, CH4 SEC4 STALIATION OF KIT PN
	IO-550-N27 ENGINE S/ REG. NO: N WORK ORI Engine I SCAT TUB REMOVED BAFFLING CIRRUS SI 15708-003 The airfram Manual and	DATE: 1: DATE:	Keys Keys Repair 303 N 2 Sell Lai Phone: RACKET ON D NEW O-RIN PAIRED AT IN LETIN # SB 2 ROBE REMO	Aviation Regulariare on fill are on fill a	ation SIGNED: Market Albert Al	DATE: 11/27/2006 A/C TSN: 289 ENG TT: 289 HOBBS: 289 P/N 15196-002 STARTER FACTORY LEFT FORWARD AC43:131B, CH4 SEC.4 STALLATION OF KIT P/N L CHECK SATISFACTORY
	IO-550-N27 ENGINE S/ REG. NO: N WORK ORI Engine I SCAT TUB REMOVED BAFFLING CIRRUS SI 15708-003 The airfram Manual and Pertinent d	DATE: 1: DATE:	Metails of the re- letails of t	Aviation Regulipair are on fill are on fill are on fill state on the state of the s	ation SIGNED: Market Albert Al	DATE: 11/27/2006 A/C TSN: 289 ENG TT: 289 HOBBS: 289 P/N 15196-002 STARTER FACTORY LEFT FORWARD AC43:131B, CH4 SEC.4 STALLATION OF KIT P/N L CHECK SATISFACTORY
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	IO-550-N27 ENGINE S/ REG. NO: N WORK ORI Engine I SCAT TUB REMOVED BAFFLING CIRRUS SI 15708-003 The airfram Manual and Pertinent d	DATE: 1: DATE:	Keys Keys Repair 303 N 2 Sell Lai Phone: RACKET ON D NEW O-RIN PAIRED AT IN LETIN # SB 2 ROBE REMO	Aviation Regulariar are on fill pair are on fill pair are on fill at the control of the control	ation SIGNED: When the operator is certified, and is approved for return to under Repair order SIGNED: When the control of th	DATE: 11/27/2006 A/C TSN: 289 ENG TT: 289 HOBBS: 289 P/N 15196-002 STARTER FACTORY LEFT FORWARD AC43, 131B, CH4 SEC 4 STALLATION OF KIT P/N L CHECK SATISFACTORY. Stone Aviation L.L.C. Inspection s per those requirements.
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	IO-550-N27 ENGINE S/ REG. NO: N WORK ORI Engine I SCAT TUB REMOVED BAFFLING CIRRUS SI 15708-003 The airfram Manual and Pertinent d	DATE: 1: DATE:	Keys Keys Repair 303 N 2 Sell Lai Phone: RACKET ON D NEW O-RIN PAIRED AT IN LETIN # SB 2 ROBE REMO	Aviation Regulariar are on fill pair are on fill pair are on fill at the control of the control	ation SIGNED: When the operator is certified, and is approved for return to under Repair order SIGNED: When the control of th	DATE: 11/27/2006 A/C TSN: 289 ENG TT: 289 HOBBS: 289 P/N 15196-002 STARTER FACTORY LEFT FORWARD AC43, 131B, CH4 SEC 4 STALLATION OF KIT P/N L CHECK SATISFACTORY. Stone Aviation L.L.C. Inspection s per those requirements.

Date	Total	Time		Since Verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
ought Forward		→			
				15.0	
PROP MOD PHC-J3YF-		Ke	ystone A	viation	DATE: 12/1/2006
PROP S/N: REG. NO: N	FP4096B		air Station No. N 2370 W	K5SR339N	A/C TSN: 289 PROP TT: 289 HOBBS: 289
	DER: 14974	Salt	Lake City, Uta ne: 801 359-2		HUBDS: 289
Prop En					
PROPELLE RETURN TO	R ANNUAL/ D SERVICE	100 HOUR FOR THE V	INSPECTION VORK PERFO	CAW PER CI DRIMED AT TH	IRRUS DESIGN INSPECTION CHECKLIST 05-20, PROPELLER APPROVED FOR IS DATE AND TIME
Manual and	the Federal	Aviation Re	nent identified gulations under n file under Re	er which the op	epaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection perator is certified, and is approved for return to service as per those requirements,
DATE: 12		-p1 470 01	SIGNED	201	hat french
DATE. 12			mfrench	1/00	Printed by EBis 3 (datcomedia.com)
_			Certified R	epair Station N	NO, K5SR339N
					Page 14 mg 19
		×			
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	2 1	1	ì	- 1	
- 27 - 77				2	
-27-07	200	-		CHANG	ED OIL & FILTER - EXXON ENTE 20W-50
BBS:	356.	4		-	Collaboration APS18905
ENGINE MODEL:		Keysto	ne Aviat	ion	DATE: 2/14/2008
ENGINE S/N 917 REG NO N828D		D 01	tion No K5SF		A/C TSN 397 9 ENG TT 397 9
WORK ORDER: 1		Salt Lake (City, Utah 841 1 359-2085	16	HOBBS: 397 9
Engine Entri					
APPROVED E	AL/ 100 H	OUR INSE	PECTION C	W PER CI	RRUS DESIGN SR22 INSPECTION CHECKLIST 05-20. ENGINE
HOT. REMOV	ED OIL FI	LTER ANI	DINSPECT	ED FOR CO	ONTAMINATES NOVE SOLVE AND TIME ENGINE OIL DRAINED
AND SAFETIED	D. SERV	ICED ENG	SINE WITH	8 OTS OF	FLOG AND MAGNETIC PLUG WITH NEW GASKETS P/N MS35769-11
#4 75/80, #6 78	3/80 CHE	CKED SA	TISEACTO	DV DT A	W. CHECKED AS FOLLOWS: #1 78/80, #3 78/80, #5 75/80, #2 78/80,
REINSTALLED	FUEL INJ	ECTORS	WITH NEW	RUBBER	CASKETS BIN 640642 NEW STAND STREET ON AND CLEANING CAW.
CHECK SATISF	ACTORY	INSTA	LIED SPIR	AL WRAD	ON LEET IGNITION HARMES AND ARCRAFT. LEAK
INJECTOR P/N	657068-3	239. TOR	OUED NO	77LF TO 60	IN FUEL INJECTOR REMOVED AND REPLACED WITH NEW TUNED
SATISFACTOR	Y STAF	RTER DRI	VE ADAPT	FR P/N 642	1083 141 PENOVED INCTALLED LEAK CHECKED
					ED NEW O-RING P/N AS3578-038 (MS9021-038) ON STARTER . K AND OPERATIONAL CHECK SATISFACTORY.
The airframe, engine	and/or comp	ponent ident	ified herein w	as repaired an	nd inspected in accordance with the current Keystone Aviation L L C. Inspection certified, and is approved for return to service as per those requirements.
	- span (a.g.)		/	7	T
DATE: 2/14/2008		SIGN	IED:	mm	Work Order: 16829
		IFO		7	
8		jray Certifie	d Repair Stati	on No. K5SR3	Printed by EBis 3 (datcomedia.com)
8			ed Repair Stati	on No. K5SR3	Printed by EBis 3 (datcomedia.com)

Hrs.	14.			l landallationa Impagationa Aimmadhinaga Disastinaa Oncolal lucas at	iono
	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspect Modifications and Service Bulletins	ions,
	-			The difference of the Dansans	
i0-N27		Repair Statio	on No. K5SR33	99N ENG TT 427.3	
		Salt Lake Ci	ty, Utah 84116		
INE ANNU. RETURN OVED OI 8108-1 AN SAFETIE ISFACTO 6/80, AND PER TCM WORTHIN ZLES INS	JAL/ 100 H TO SERV L FILTER ND SAFET D. SERV RY ENC #6 73/80 M SB643B ESS C/W PECTION ND MIXTU	VICE FOR T AND INSPE IED. REINS VICED ENG BINE COMF CHECKEI CHECKEI PER TOM S FOR CONTRE CONTRE	THE WORK INTERPRETABLE OF THE WITH 8 PRESSION (DECEMBER 12 OF THE PRESSION OF	PERFORMED AT THIS DATE AND TIME ENGINE OIL DRAINED HOT. CONTAMINATES. NONE FOUND. INSTALLED NEW OIL FILTER P/N IL DRAIN PLUG AND MAGNETIC PLUG WITH NEW GASKETS P/N MS35769-11 QTS OF EXXON ELITE 20W50. RAN AIRCRAFT. LEAK CHECK CHECK C/W. CHECKED AS FOLLOWS: #1 76/80, #2 78/80, #3 77/80, #4 76/80, CTORY LT/RT MAGNETOS INSPECTION FOR CONTINUED AIRWORTHINESS ITORY ENGINE CYLINDERS INSPECTION FOR CONTINUED HECKED SATISFACTORY TCM POSITION-TUNED FUEL INJECTION WORTHINESS C/W PER TCM SID05-7. CHECKED SATISFACTORY	
airframe, eng	gine and/or of Aviation Reg	component ide	which the ope	was repaired and inspected in accordance with the current Million Air SLC Inspection Manual rator is certified, and is approved for return to service as per those requirements. Pertinent	
E: 3/20/20	009		ENED: (Work Order: 18620	
		Cert	ified Repair St	alion No. K5SR334N	
550-N27				A/C TSN: 451.1	
G. NO: N828	BDT	Salt Lake	City, Utah 841	HORRS: 451.1	
-					
SPECTION PROVED DT. OIL FE STALLED RVICED E 73/80, #2 SPECTION IKAGES I GINE CYI TISFACTO N PER TO NTINUED AMP BRA	N CHECKL FOR RET ILTER RE AND SAFI ENGINE W 1: 72/80, # N FOR CO INSPECTI LINDERS I DRY TO M SID05- AIRWOR CKET RE	JIST 05-20 A URN TO SE URN TO SE URN TO SE ETIED. OIL //TH 8 QTS 3: 75/80, #4 NTINUED #4 ON FOR CO ON FOR CO ON POSITIO THINESS C SECURED	AS A REFEI ERVICE FOI D INSPECT D DRAIN PLU OF EXXON TO/80, #5: NRWORTHI ONTINUED N FOR COI ON-TUNED ED SATISF W PER TO TO INDUCT	RENCE AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS RETHE WORK PERFORMED AT THIS DATE AND TIME ENGINE OIL DRAINED FED FOR CONTAMINANTS. NONE FOUND. NEW OIL FILTER P/N CH48108-1 JG REINSTALLED WITH A NEW GASKET P/N MS 35769-11 AND SAFETIED. 20-50 ELITE ENGINE COMPRESSION CHECK C/W. CHECKED AS FOLLOWS: 72/80 AND #6: 70/80. CHECKED SATISFACTORY LT/RT MAGNETOS NESS PER TCM SB643B. CHECKED SATISFACTORY ENGINE CONTROL AIRWORTHINESS C/W PER TCM SB95-2. CHECKED SATISFACTORY TINDED AIRWORTHINESS C/W PER TCM SB96-12. CHECKED FUEL INJECTION NOZZLES INSPECTION FOR CONTINUED AIRWORTHINESS C/W PER TCM SB96-12. CHECKED MISSON THROTTLE AND MIXTURE CONTROL ARMS INSPECTION FOR M SB08-3. CHECKED SATISFACTORY #1 FUEL INJECTOR LINE ATTACH ION TUBE.	
item and the with regard repair are of	Federal Avi Is to the insp n file under l	ation Regulatio Dection(s) and Repair order N	ons under white For maintenant No. 20254	ch the operator is certified, and was determined to be in an Airworthy Condition at this date and be performed, and is approved for return to service as per those requirements. Pertinent details of	
1012	-3.3	jra	y	Printed by FRis 3 (datcomedia com)	
		Ce	. шточ терап	NOTICE TO ACCUSE OF THE PROPERTY OF THE PROPER	
				1 07 1	
	GINE MODE STALLED GINE MODE STALLED GINE HAS GINE MODE STALLED GINE MODE STALLED T. TJ/RO TO THE TO	INE S/N 917897 NO. N828DT WK ORDER 18620 IJINE ENTRIES SINE ANNUAL/ 100 H R RETURN TO SERV MOVED OIL FILTER B8108-1 AND SAFET D SAFETIED. SERV ISFACTORY ENC 6/80, AND #6 73/80 PER TCM SB643B WORTHINESS C/W IZLES INSPECTION COTTLE AND MIXTU CKED SATISFACTO GIFTERMODEL: STORY OR SB643B WORTHINESS C/W IZLES INSPECTION COTTLE AND MIXTU CKED SATISFACTO GIFTERMODEL: STORY OR SB643B WORTHINESS C/W IZLES INSPECTION COTTLE AND MIXTU CKED SATISFACTO GIFTERMODEL: STORY OR SB643B WITH FROM SINE STORY OR STORY GINE MODEL: STORY OR STORY GINE S/N: 917897 G. NO: N828DT DRK ORDER: 20254 INSPECTION FOR CO IKANO PER TOM SINE SPECTION FOR CO IKANO PER TOM SINO SPECTION FOR CO IKANO SPECTION SPE	GINE MODEL: SOLVEY SIX: 917897 NO. N828DT KK ORDER 18620 SIME ANNUAL/ 100 HOUR INSPERIES AND INSTITUTE COMERCE AND INSTITUTE CONTRIBUTED AND MIXTURE CONTRIBUTED AND INSTITUTE AND MIXTURE CONTRIBUTED AND INSPERIES AND INSPECTION FOR CONTRIBUTED AND INSPERIES AND INSPECTED AND INSPECTION CHECKLIST 05-20 AND INSPECTION FOR CONTRIBUTED AN	Repair Station No. K5SR33303 N 2370 W Salt Lake City, Utah 84116 Phone: 801 359-2085 Silne Entries Silne Annual / 100 HOUR INSPECTION C/N RETURN TO SERVICE FOR THE WORK IN MOVED OIL FILTER AND INSPECTED FOR 8108-1 AND SAFETIED. REINSTALLED O SAFETIED. SERVICED ENGINE WITH 8 SISFACTORY ENGINE COMPRESSION (6/80, AND #6 73/80. CHECKED SATISFACTORY SERVICE OF CONTINUED AIR COTTLE AND MIXTURE CONTROL ARMS EXCKED SATISFACTORY. Sirframe, engine and/or component identified herein the Federal Aviation Regulations under which the ope is of the repair are on file under Repair order SERVICED FOR RETURN TO SERVICE FOOLD TO SIGNED: Jray Certified Repair St. WORTHINESS CW PER TCM S96-12. C. SIGNE SIN: 917897 G. NO: N828DT DRK ORDER: 20254 Repair Station No. K5SE 303 N 2370 W Salt Lake City, Utah 841 Phone: 801 359-2085 REPAIR STALLED AND SAFETIED. OIL DRAIN PLUS SPECTION CHECKLIST 05-20 AS A REFER PROVED FOR RETURN TO SERVICE FOOLD. TO STALLED AND SAFETIED. OIL DRAIN PLUS SPECTION FOR CONTINUED AIR CONTINUED AI	MILION AIT - SAIT LARGE CITY MESSES 317897 MO N82017

	Total	l Time		Since verhaul	Engine Service and Maintenance	Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Modifications and Service Bulletins	il Inspections,
ught Forward		-			Medinedicine and Solvice Balloune	*
					20 242 -	
ENGINE MODEL 10-550-N27 ENGINE S/N: 91 REG NO: N828L WORK ORDER:	17897 DT	Repair Sta 303 N 237 Salt Lake	n Air - Sal ation No. K5SF 70 W City, Utah 841 01 359-2085	R339N	Ty DATE: 2/3/2011 A/C TSN: 451.1 ENG TT: 451.1 HOBBS: 451.1	
Engine Ent	ries	1 110110. 00	2000			77
ENGINE COM 76/80. CHEC CONTAMINA	MPRESSIC KED SATI NTS. NON D WITH A	IE FOUND NEW GAS	. NEW OIL SKET P/N M	FILTER PASS S 35769-11	OLLOWS: #1: 75/80, #2: 73/80, #3: 75/80, #4: 72/80, #5: 73/80 AND #6: NINED HOT. OIL FILTER REMOVED AND INSPECTED FOR N CH48108-1, INSTALLED AND SAFETIED. OIL DRAIN PLUG AND SAFETIED. OIL DRAIN PLUG AND SAFETIED. OIL DRAIN PLUG AND SAFETIED.	
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		ork otder No	21697	1	00	
DATE: 2/3/201	11	-	IGNED:	-/m	Validorati. 21337	
/		jray Cei	y rtified Repair S	Station No. K5	SR339N Printed by EBis 3 (datcornedia.com)	
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FNOUS						
ENGINE MODI			on Air - Sa		DATE: 2/3/2011 A/C TSN: 470.8	-
ENGINE S/N: 9 REG NO: N82 WORK ORDER	RDT	303 N 2	Station No. K59 370 W e City, Utah &		ENG TI: 470.8 HOBBS: 470.8	(
		Phone: 8	801 359-2085			
ENGINE CO 76/80. CHE CONTAMINA	ANTS. NO	NE FOUN	D. NEW OI	I FILTER F	FOLLOWS: #1: 75/80, #2: 73/80, #3: 75/80, #4: 72/80, #5: 73/80 AND #6: ANNED HOT. OIL FILTER REMOVED AND INSPECTED FOR	
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Continued (50)

Date	800-810 RPM. ADJUSTED IDLE MIXTURE A HALF TURN TOWARDS RICH TO RICHEN MIXTURE AND BRING DOWN HIGH IDLE. GROUND RAN AIRCRAFT, OPS CHECK GOOD AT THIS TIME, ENGINE IDLED AT 700 RPM AND THERE WAS A 50 RPM INCREASE LEANING OUT ENGINE AT SHUT DOWN IN REFERANCE TELEDYNE CONTINENTAL MOTORS SID97-3E.	on
B 145	Item: 306	
Brought Forw	ALL FUEL INJECTOR NOZZLES NEED CLEANED. REMOVED ALL FUEL INJECTOR NOZZLES, CLEANED ALL NOZZLES AND REINSTALLED FUEL INJECTOR NOZZLES AS REQUIRED. LEAK CHECK GOOD AT THIS TIME.	=
	Item: 307 AD 07-04-19 R1 AMEND. 39-15005 DATED 5/07/07 (SUPERIOR AIR PARTS, INC CAST CYLINDERS	
	INSTALLED) DUE. COMPLIED WITH AD 07-04-19R1 AMEND. 39-15005 DATED 5/07/07 BY FINDING SUPERIOR AIR PARTS,	_
	INC CAST CYLINDERS NOT INSTALLED ON THIS ENGINE. Item: 308	_
	AD 07-16-10 AMEND. 39-15149 DATED 8/23/07 (TURBOCHARGER COMPRESSOR ROTOR INSTALLED) DUE.	
	COMPLIED WITH AD 07-16-10 AMEND. 39-15149 DATED 8/23/07 BY FINDING THIS ENGINE NOT FITTED WITH A TURBOCHARGER COMPRESSOR ROTOR. A.D. DOES NOT APPLY. Item: 309	ē
	AD 09-16-03 AMEND. 39-15986 DATED 9/09/09 (SUPERIOR AIR PARTS CAST CYLINDERS INSTALLED) DUE.	=
	COMPLIED WITH AD 09-16-03 AMEND. 39-15986 DATED 9/09/09 BY FINDING SUPERIOR AIR PARTS CAST CYLINDERS NOT INSTALLED ON THIS ENGINE. Item: 310	-
	9	_
	AD 09-19-07 AMEND. 39-16023 DATED 10/07/09 (EQ3 CYLINDER HEAD ASSY INSTALLED) DUE.	-
	COMPLIED WITH AD 09-19-07 AMEND. 39-16023 DATED 10/07/09 BY FINDING EQ3 CYLINDER HEAD	7
	ASSY. NOT INSTALLED ON THIS ENGINE.	
	Itom: 311	
	AD 40 44 04 AMEND 30 16300 DATED 6/16/10 (HYDRAULIC VALVE LIFTERS INSTALLED) DUE.	
	OOMBLIED MITH AD 10 11 04 AMEND 39-16309 DATED 6/16/10 (WHICH SUPERSEDED AD 09-24-3) AND	
	AD 00 24 52) BY FINDING THE HYDRAULIC VALVE LIFTERS IN QUESTION BY THIS A.D. NOT INSTALLED	
	IN THIS ENGINE DED THE ENGINE RUILD DATE AND NOT BEING INSTALLED AT A LATER DATE.	_
	The eleventh elefrance circust engine propeller or appliance identified above was repaired and inspected in	
	accordance with the current regulations of the Federal Aviation Administration and was found all worthly and is	77
	approved for return to service Pertinent details of the repair are on file at this repair station.	
	Dated: 3/18/2011	
	Signed	_
	Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221	
		-
		_
		-
	COO S. Prop. Type:	
	Date: 5/04/2012; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 600.5; Tach:; Total Time: 600.5; Prop - Type:	
	Hartzell PHC-J34F-IRF1F/693DFB, 5/N. FF4090B, 11110-00000	
	Shop Order #: SH-12-0148	
	Discrepancy 300	_
	ANNUAL INSPECTION DUE ON THIS ENGINE.	
	Corrective Action: 300 COMPLIED WITH ANNUAL INSPECTION ON THIS ENGINE, DEFECTS ARE NOTED IN THIS WORK	-
	ORDER.	-
	Discrepancy: 301 ENGINE COMPRESSION CHECKS DUE.	
	ENGINE CONFERENCE 301	
	Corrective Action: 301 COMPLIED WITH COMPRESSION CHECKS AS FOLLOWS: CYLINDER #1-68/80, 2-62/80, 3-68/80, 4-66/80,	-
	5-62/80, 6-66/80.	
	Discrepancy: 302	
	FNGINE OIL AND FILTER DUE CHANGE.	
	Corrective Action: 302	_
	Corrective Action: 302 DRAINED ENGINE OIL, REMOVED AND INSPECTED OIL FILTER WITH NO DEFECTS NOTED. INSTALLED DRAINED ENGINE OIL, REMOVED AND INSPECTED ENGINE WITH 8 QUARTS OF AEROSHELL 15/W50.	
	DRAINED ENGINE OIL, REMOVED AND INSPECTED OIL FILTER WITH 8 QUARTS OF AEROSHELL 15/W50. NEW OIL FILTER P/N CH48108-1 AND SERVICED ENGINE WITH 8 QUARTS OF AEROSHELL 15/W50. GROUND RAN AIRCRAFT, LEAK CHECK GOOD IN REFERENCE WITH CIRRUS SR22 MAINTENANCE	-
	GROUND RAN AIRCRAFT, LEAK CHECK GOOD IN KEI EKENDE	-
	MANUAL 12-10.	
	Discrepancy: 303	-
	TAKE ENGINE OIL SAMPLE.	
	Corrective Action: 303 TOOK ENGINE OIL SAMPLE AND SENT OUT FOR ANALYSIS.	-
	Discrepancy: 304	

	AD 11-25-51 AMEND 30-16801 DATED 11/20/11 (STARTER ARABETED AND ARABETED ARABETED AND ARABETED ARABETED AND ARABETED AND ARABETED AND ARABETED AND ARABETED AND ARABETED A		
	AD 11-25-51 AMEND. 39-16891 DATED 11/29/11 (STARTER ADAPTER SHAFT GEAR) DUE. Corrective Action: 304	Doggra	
	COMPLIED WITH AD 11-25-51 AMEND. 39-16891 DATED 11/29/11 BY FINDING THIS ENGINE NOT AFFECTED BY THIS A.D. PER THE ENGINE MODEL NUMBER AND NOT HAVING A TURBO CHARGER INSTALLED. NO FURTHER ACTION REQUIRED.	Record nspections,	
	INSTALLED. NO FURTHER ACTION REQUIRED. Discrepancy: 305	nopcodorio,	
Broug	AD 12-03-06 AMEND. 39-16947 DATED 2/24/12 (AFS FUEL SERVO DIAPHRAGM INSTALLED) DUE. Corrective Action; 305		
	COMPLIED WITH AD 12-03-06 AMEND. 39-16947 DATED 2/24/12 BY FINDING A TCM FUEL SERVO INSTALLED ON THIS ENGINE NO FURTHER ACTION BEOLUBED.		
	ALL ENGINE FUEL INJECTORS NEED CLEANED.		
	Corrective Action: 306		
	REMOVED, CLEANED AND INSPECTED ALL FUEL INJECTORS WITH NO DEFECTS NOTED.		-
	630979-9. LEAK CHECK GOOD AT THIS TIME. Discrepancy: 307	-	
	SB 2X-74-01 REPLACEMENT OF FINE WIRE TYPE SPARK PLUGS. Corrective Action: 307	Ţ.	
	REMOVED AND REPLACED ALL ENGINE FINE WIRE SPARK PLUGS WITH NEW SPARK PLUGS P/N RHB32E IN ACCORDANCE WITH SB 2X-74-01.	ic Trees	
	The aircraft, airframe, aircraft engine, propeller or appliance identified above was in accordance with current regulations of the Federal Aviation Administration and inspection. Legrify that this aircraft was found in the federal aircraft was found in the federal form.		
	inspection. I certify that this aircraft was found airworthy and		
	is approved for return to service. Pertinent details of the repair are on file at this repair station.	l	
		-	_
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	SIGNED: DATE: DATE		
	Tri-State Aem Inc. CRS AHTR102C 6101 Flightline Drive Evansville. Indiana 47725	-	
	2000, CAL 4649, Hobbe; 658 00; Total Time: 658.00; Engine - Type:	(=	-
— Da	te: ˈ7/10/2013; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 658.00; Total Time: 658.00; Engine - Type: M IO550-N27, S/N: 917897, Time: 658.00	_	_
Sh	op Order #: SH-13-0260		
Dis	screpancy, 300 prrective Action; 300	3	
			7
PE	REFORMED ANNUAL INSPECTION (CIRRUS SR22) ALL DISCREPENCIES LIGHED ON WORK STATES	-	\dashv
— Di	screpancy: 301 NGINE COMPRESSIONS DUE.		
	DIRECTIVE Action: 301 ERFORMED COMPRESSION CHECK (AS FOLLOWS) #1 66/80 #2 72/80 #3 72/80 #4 52/80 #5		
: PE	ERFORMED COMPRESSION CHECK (AS POLLOWS) #1 30/05 #2 12/05 //80 #6 70/80 MASTER ORIFICE READING 35		\dashv
Di	screpancy: 302		_
01	IL CHANGE DUE	4	
	orrective Action: 302 RAINED OIL & REMOVED & INSPECTED FILTER. SERVICED ENGINE WITH 8 QUARTS AEROSHELL SW 50 & ONE CH48108 FILTER WASHED & RAN ENGINE FOR LEAK CHECK NO DEFECTS NOTED AT		
TI	HIS TIME.		- 1
D	iscrepancy: 303 AKE ENGINE OIL SAMPLE.		
0	orrective Action: 303	-	\dashv
— T	OOK ENGINE OIL SAMPLE & SENT FOR ANALYSIS		_
- A	iscrepancy: 304 D.12-10-13 AMENDMENT 39-17062, DATED 6/8/12 (STARTER ADAPTER SHAFT GEAR) IS DUE.		
C	orrective Action: 304		
-		7	\dashv
	74510015 4 74510015		
— K	ate: 7/15/2015; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 878.10; Total Time:: Engine - Type: TCM D550-N27, S/N: 917897, Time:		
S	hop Order #: SH-15-0316, Closed: 7/17/2015	M	
	iscrepancy: 300 IL CHANGE		-
— с	orrective Action:300		
i	HANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, NO DEFECTS NOTED.		1
A	ISTALLED NEW ENGINE OIL FILTER PART NUMBER AA48108-2 SERVICED ENGINE WITH 8QTS EROSHELL 15W50 OIL. NO LEAKS NOTED FOLLOWING ENGINE RUN.	-	
U	iscrepancy: 301		\dashv
	IL SAMPLE orrective Action:301		_
T0	OOK ENGINE OIL SAMPLE AND SENT FOR ANALYSIS		
Ti	ne aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in		
a	coordance with the current regulations of the Federal Aviation Administration and was found airworthy and is proved for return to service. Perment details of the repair are on file at this repair station.		\dashv
১৷	gned: John Dated: Dated:		
ir	i-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221		7

Engine Service and Maintenand	e Record
COMPLIED:WITH:AD 12-10-13 AMENDMENT 39-17062, DATED 6/8/12 (STARTER ADAPTER SHAFT GEAR).	ial Inspections,
THIS AD IS N/A. ENGINE IS NOT TURBO CHARGED. NO FURTHER ACTION TAKEN. The aircraft, airframe, aircraft engine, propeller or appliance identified above was INSPECTED A KARIED in accordance with current regulations of the Federal Aviation Administration	
inspection. I certify that this aircraft was found airworthy and sapproved for report to service. Pertinent details of the repair are on file at this repair station.	
SIGNED: Slumm Jack DATE: 7-10-13	
Fri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725	-
7/22/14 N828DT TCM: IO550N27 SN: 917897	
Tach Time: 730.0	
1. Removed starter adapter PN: 642083-A2 SN: A-415034 unit overhauled by Aerotech of Louisville. Reinstalled overhaule	ed
unit. 2. Removed Iskra Starter pn 65618b24v. Replaced with new Hartzell MRB7000 SN H-0070460. Negligible wt and balance	
change. Check operation and for oil leaks OK. 3. Engine run-up accomplished with no discrepancies noted.	
All work accomplished IAW AC43.13-1B/2B, TCM IO-550 maintenance manual, and all applicable FAR's.	
William Wood A&P IA 2769598	
Constituted to the Constitution of the Constit	
그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	
Date: 8/01/2014; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 733.30; Total Time: 733.30; Engine - Type: TCM IO550-N27, S/N: 917897, Time: 733.30	
Shop Order #: SH-14-0278 Discrepancy: 300	
ANNUAL INSPECTION IS DUE ON THIS ENGINE.	
Corrective Action: 300 COMPLIED WITH THE ANNUAL INSPECTION ON THIS ENGINE.	
Discrepancy: 301	
PERFORM COMPRESSION CHECK. Corrective Action: 301	
COMPRESSION CHECKED: 1-70/80, 2-68/80, 3-73/80, 4-65/80, 5-68/80, 6-68/80 ON THIS ENGINE. MASTER ORIFICE READING IS 46.	
Discrepancy: 302 ENGINE OIL AND OIL FILTER DUE CHANGE.	
Corrective Action: 302 CHANGED ENGINE OIL AND OIL FILTER. INSPECTED OIL FILTER CARTRIDGE, NO DEFECTS NOTED AT THIS TIME. INSTALLED NEW CH48-108-1 OIL FILTER. SERVICED ENGINE WITH 8 QUARTS AEROSHELL 15W50 OIL. NO LEAKS NOTED.	
Discrepancy: 303 TAKE ENGINE OIL SAMPLE.	
Corrcetive Action: 303	
TOOK ENGINE OIL SAMPLE AND SENT OUT FOR ANALYSIS. Discrepancy: 304	
AD 14-05-29 AMENDMENT 39-17801, DATED 4/25/14 (SUPERIOR AIR PARTS INVESTMENT CAST	
CYLINDER ASSEMBLIES) IS DUE. Corrective Action; 304	
COMPLIED WITH AD 14-05-29 AMENDMENT 39-17801, DATED 4/25/14 (SUPERIOR AIR PARTS INVESTMENT CAST CYLINDER ASSEMBLIES). AD IS N/A. THERE ARE NO SUPERIOR AIR PARTS	
CYLINDERS INSTALLED ON THIS ENGINE. NO FURTHER ACTION TAKEN. Discrepancy: 305	
PERFORM ENGINE FUEL SYSTEM SET UP.	
Corrective Action: 305 HOOKED THE PORTA TESTS BOX TO ENGINE FUEL SYSTEM. ADJUSTED THE IDLE UN METERED	
PRESSURE DOWN TO 8.5. ADJUSTED THE ENGINE FULL POWER FUEL PRESSURE UP TO 30. EN RICHENED IDLE MIXTURE 1/4 TURN TO OBTAIN RPM RISE. RE-SET ENGINE IDLE TO 750 RPM.	_
REMOVED PORTA TEST BOX FROM ENGINE. PERFORMED ENGINE FUEL SYSTEM LEAK CHECK, NO	
LEAKS NOTED AT THIS TIME. NO LEAKS NOTED AT THIS TIME. The aircraft, airframe, aircraft engine, propeller or appliance identified above was Inspected.	
in accordance with current regulations of the Federal Aviation Administration	-
is approved for return to service. Pertinent details of the repair are on file at this repair station.	
is approved for return to service. Pertinent details of the repair are of the at this repair places.	
SIGNED: DATE: DATE: Evansville, Indiana 47725	

Doto	T Dats: 9/17/2015; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 901.40; Total Time: 901.40; Engine - Type:
Date	TCM iO550-N27, S/N: 917897, Time: 901.40
	Shop Order #: SH-15-0312
	Discrepancy: 300
	ARNUAL INSPECTION IS DUE ON THIS ENGINE. Corrective Action:300
Brought Forward	COMPLIED WITH THE ANNUAL INSPECTION ON THIS ENGINE.
	T Discrepancy: 301
	PERFORM COMPRESSION CHECK.
	Corrective Action:301
	COMPRESSION CHECKED: 1-66/80, 2-64/80, 3-72/80, 4-59/80, 5-65/80, 6-76/80 ON THIS ENGINE.
	MASTER ORIFICE READING IS 42
	Discrepancy: 302 THENGINE OIL AND OIL FILTER IS DUE CHANGE.
	Corrective Action:302
	CHANGED ENGINE OIL AND OIL FILTER. INSPECTED THE OIL FILTER CARTRIDGE, NO DEFECTS
	NOTED AT THIS TIME. INSTALLED NEW OIL FILTER PART NUMBER AA48108-2. SERVICED THE ENGINE
	WITH 8 QUARTS ASROSHELL 15W50 OIL. NO LEAKS NOTED FOLLOWING ENGINE RUN.
	Discrepancy: 363
	TAKE ENGINE OIL SAMPLE.
	Ourractive Apren:303
	Discrepancy: 304
	BOTH MAGS DUE 500 HOUR INSPECTION.
	Corrective Action:304
	SENT THE LEFT MAGNETO P/N- 10-500556-1 S/N- D05IA049 AND THE RIGHT MAGNETO P/N- 10-500556-1
	S/N- D05IA042:TO QUALITY AIRCRAFT ACCESSORIES INC. (REPAIR STATION # GYIR334Y). THE LEFT
	MAGNETO WAS REPAIRED ON THEIR WORK ORDER # 007647 DATED 01/SEP/2015. THE RIGHT
	MAGNETO WAS REPAIRED ON THEIR WORK ORDER # 007648 DATED 01/SEP/2015 REINSTALLED AND
	TIMED THE MAGNETOS IN ACCORDANCE WITH CONTINENTAL AIRCRAFT ENGINE IO-550 PERMOLD
	SERIES MAINTENANCE AND OVERHAUL MANUAL CH. 17-12.1.
	Discrepancy: 305
	NUMBER 6 CYLINDER IS CRACKED BETWEEN FUEL INJECTOR NOZZLE AND SPARK PLUG HOLE. Corrective Action:305
	REMOVED CYLINDER # 6 P/N- 655932A3 S/N- AC05FC390. INSTALLED NEW CYLINDER AND VALVE
	ASSEMBLY P/N- 658595A1 S/N- AC15GA107. WORK PERFORMED IN ACCORDANCE WITH
	CONTINENTAL MOTORS IO-550 PERMOLD SERIES MAINTENANCE AND OVERHAUL MANUAL
	PUBLICATION M-16 DATED 15/JULY/2015; PERFORMED GROUND BREAK IN PROCEDURES FOR NEW.
	CYLINDER INSTALLATION IN ACCORDANCE WITH TOM SERVICE BULLETIN M89-7R1. OPERATIONAL
	AND LEAK CHECK GOOD. Discrepancy: 306
	TCM SB15-3 OIL SUMP ASSEMBLY INSPECTION IS DUE.
	Corrective Action:306
	COMPLIED.WITH TCM'SB15-3 OIL SUMP ASSEMBLY INSPECTION. NO DEFECTS NOTED AT THIS TIME:
	The aircraft, airframe, aircraft engine, propeller or appliance identified above was
	and repaired in accordance with current regulations of the Federal Aviation Administration
	and Pooug inspection: I certify that this aircraft was found airwarding and
	is approved for return to service. Partinent details of the repair are on file at this repair station.
	SIGNED: DATE: 9 7 5 Tri-State Aero, nc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725
	Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725
	0
2/1	19/16 N828DT SR22 SN: 1648
Lyc	coming IO-550
Но	bbs: ¶32.5 TTE:¶32.5
	DUS. 432.3 11E:432.3
	Drained engine oil and serviced engine with 8 quarts Aeroshell 15W50. Oil filter removed and
	places with Tempest 48108, old filter cut open and inspected with no debris found. Engine run-up
acc	complished with no leaks or discrepancies found.
	All work accomplished IAW AC 43.13-1B/2B, IO-550 maintenance manual, and all applicable FAR'
cer	tify this engine was determined to be in airworthy condition and approved for return to service in respe
tox	work performed.
	work perior med.
12	Allen Allen Ward ARDIA 27/0500
	William Wood A&P IA 2769598
20	

Date: 5/26/2016; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 956.60; Total Time:; Engine - Type: TCM IO550-N27, S/N: 917897, Time: Shop Order #: SH-16-0195 Date Discrepancy: 300 ord ENGINE OIL AND FILTER DUE CHANGE. tions, Corrective Action: 300 CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, NO DEFECTS NOTED. INSTALLED NEW ENGINE OIL FILTER PART NUMBER AA48108-2 SERVICED ENGINE WITH AEROSHELL 15W-50. NO LEAKS NOTED FOLLOWING ENGINE RUN. Discrepancy: 301 TAKE ENGINE OIL SAMPLE. Corective Action: 301 TOOK ENGINE OIL SAMPLE AND SENT FOR ANALYSIS. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station. Signed: Dated: 05-26-2016 Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221 N828DT SR22 SN: 1648 8/03/16 IO-550-N27 S/N: 917897 Lycoming Hobbs: 991.5 TTE:991.5 Drained engine oil and serviced engine with 8 quarts Aeroshell 15W50. Oil filter removed and replaces with Tempest 48108-2, old filter cut open and inspected with no debris found. Engine run-up accomplished with no leaks or discrepancies found. All work accomplished IAW AC 43.13-1B/2B, IO-550 maintenance manual, and all applicable FAR's. I certify this engine was determined to be in airworthy condition and approved for return to service in respect to work performed. William Wood A&P IA 2769598 Date: 9/30/2016; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1000.70; Total Time: 1000.70; Engine -Type: TCM IO550-N27, S/N: 917897, Time: 1000.70 Shop Order #: SH-16-0346 Discrepancy: 300 ANNUAL INSPECTION IS DUE ON THIS ENGINE. Corrective Action; 300 COMPLIED WITH THE ANNUAL INSPECTION ON THIS ENGINE. DISCREPANCIES CAN BE FOUND ON THIS WORK ORDER. Discrepancy: 301 PERFORM COMPRESSION CHECK. Corrective Action: 301 COMPRESSION CHECKED: 1- 64/80, 2- 66/80, 3- 71/80, 4- 54/80, 5- 62/80, 6- 68/80 ON THIS ENGINE. MASTER ORIFICE READING IS 46. Discrepancy: 302 AD 16-16-12 AMENDMENT 39-18610, DATED 9/15/16 (ECI CLASS 71 OR CLASS 76 CYLINDER ASSEMBLY FAILURES) IS DUE. Corrective Action: 302 COMPLIED WITH AD 16-16-12 AMENDMENT 39-18610, DATED 9/15/16 (ECI CLASS 71 OR CLASS 76 CYLINDER ASSEMBLY FAILURES). AD IS N/A. NO ECI CYLINDER ASSEMBLIES INSTALLED ON THIS ENGINE. NO FURTHER ACTION TAKEN. Discrepancy: 303 REMOVE OIL FILTER. Corrective Action: 303 REMOVED OIL FILTER AND INSPECTED THE CARTRIDGE. NO DEFECTS NOTED. INSTALLED NEW FILTER P/N- AA48108-2. NO LEAKS NOTED AFTER ENGINE GROUND RUN. The aircraft, airframe, aircraft engine, propeller or appliance identified above was Inspected in accordance with current regulations of the Federal Aviation Administration _ inspection. I certify that this aircraft was found airworthy and Annual is approved for return to service. Pertinent details of the repair are on file at this repair station.

SIGNED: DATE: 09-30-2016 Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725

	i otal	Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
11/10/40		0.0			
11/16/16 Lycoming				N: 1648	
Lycoming	10-5	50-N27	5/N:	917897	
Hobbs: 102	7.7 T	ΓE: 102	7.7		
renlaces wi	iined er	igine oi	and ser	viced en	gine with 8 quarts Aeroshell 15W50. Oil filter removed and
accomplish	ui i emi	DEST 40	100-2, 0	a mer ci	Ut open and inspected with no debric found Engine
All	work a	ccompl	ished IA	WAC 43	13-1R/2R IO 550 maintain
our only cities t	rigine v	vas ucu	ermined	to be in a	airworthy condition and approved for return to service in respect
to work per	formed.				The state of the s
application	de	Wi	lliam W	ood A&P	IA 2769598
					212707370
. 1					
5/3/1	loud 7				21/20/1/20/20/20
150/11	1048.7				Drawed engine oil and serviced engine with 8075
					ALTOSHELL ISW50 and Tempest 48/08-2 FILTES. OI
				1	FILTER CUT Open and Inspected with no about
3					debote detected, engine new-up amongstished
					no descrepancies noted.
					Aircrest approved for return to serv
10					in respect to usok performed
					withen alon MAP IA 2769598
Date: 7/10/20	17: Aircr	aft: N828	DT: Tyne:	SR22: S/N	N: 1648: Hobbs: 1067 40: Total Time:: Engine - Type: TCM
10550-N27, S	N: 91789	97, Time:		SR22; S/N	N: 1648; Hobbs: 1067.40; Total Time:; Engine - Type: TCM
IO550-N27, Sa Shop Order #:	N: 91789 SH-17-0	97, Time:		SR22; S/M	N: 1648; Hobbs: 1067.40; Total Time:; Engine - Type: TCM
IO550-N27, Sa Shop Order #: Discrepancy: SPARK PLUG	/N: 91789 SH-17-0 300 SS ARE V	97, Time: 9260		SR22; S/N	N: 1648; Hobbs: 1067.40; Total Time:; Engine - Type: TCM
IO550-N27, SA Shop Order #: Discrepancy: SPARK PLUG Corrective Act	/N: 91789 SH-17-0 300 iS ARE V ion: 300	97, Time: 0260 VORN.			N: 1648; Hobbs: 1067.40; Total Time:; Engine - Type: TCM TALLED 12 NEW TEMPEST URHB32E SPARK PLUGS.
IO550-N27, Sanop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OI OPERATIONA	'N: 91789 SH-17-0 300 iS ARE V ion: 300 LD CHAN AL CHEC	97, Time: 1260 VORN. MPION SI KK GOOD	PARK PLI	JGS. INS	TALLED 12 NEW TEMPEST URHB32E SPARK PLUGS.
IO550-N27, S. Shop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OI OPERATION. The aircraft, a accordance wi	N: 91789 SH-17-0 300 SS ARE V ion: 300 LD CHAN AL CHEC inframe, a	97, Time: 0260 VORN. MPION SI KK GOOD aircraft en orrent regu	PARK PLI	JGS. INS peller or ap the Feder	TALLED 12 NEW TEMPEST URHB32E SPARK PLUGS. pliance identified above was repaired and inspected in al Aviation Administration and was found airworthy and is
IO550-N27, S. Shop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OI OPERATIONAThe aircraft, a accordance will approved for r	N: 91789 SH-17-0 300 SS ARE V ion: 300 LD CHAN AL CHEC inframe, a	97, Time: 0260 VORN. MPION SI KK GOOD aircraft en orrent regu	PARK PLI	JGS. INS peller or ap the Feder	TALLED 12 NEW TEMPEST URHB32E SPARK PLUGS. pliance identified above was repaired and inspected in al Aviation Administration and was found airworthy and is e repair are on file at this repair station.
IO550-N27, S. Shop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OI OPERATION. The aircraft, a accordance wi	N: 91789 SH-17-0 300 S ARE V ion: 300 LD CHAN AL CHEC irframe, a ith the cu eturn to s	97, Time: 0260 VORN. MPION SI EK GOOD aircraft en orrent regus	PARK PLI gine, propulations of	JGS. INS peller or ap the Feder	pliance identified above was repaired and inspected in all Aviation Administration and was found airworthy and is repair are on file at this repair station.
IO550-N27, S. Shop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OI OPERATIONAThe aircraft, a accordance will approved for r Signed:	N: 91789 SH-17-0 300 S ARE V ion: 300 LD CHAN AL CHEC irframe, a ith the cu eturn to s	97, Time: 0260 VORN. MPION SI EK GOOD aircraft en orrent regus	PARK PLI gine, propulations of	JGS. INS peller or ap the Feder etails of the	pliance identified above was repaired and inspected in al Aviation Administration and was found airworthy and is e repair are on file at this repair station.
IO550-N27, S. Shop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OI OPERATIONAThe aircraft, a accordance will approved for r Signed: Tri-State Aero	N: 91789 SH-17-0 300 S ARE V ion: 300 LD CHAN AL CHEC irframe, a ith the cu eturn to s	97, Time: 0260 VORN. MPION SI EK GOOD aircraft en orrent regus	PARK PLI gine, propulations of	JGS. INS peller or ap the Feder etails of the	pliance identified above was repaired and inspected in al Aviation Administration and was found airworthy and is e repair are on file at this repair station.
IO550-N27, S. Shop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OI OPERATIONAThe aircraft, a accordance will approved for r Signed:	N: 91789 SH-17-0 300 S ARE V ion: 300 LD CHAN AL CHEC irframe, a ith the cu eturn to s	97, Time: 0260 VORN. MPION SI EK GOOD aircraft en orrent regus	PARK PLI gine, propulations of	JGS. INS peller or ap the Feder etails of the	pliance identified above was repaired and inspected in al Aviation Administration and was found airworthy and is e repair are on file at this repair station.
IO550-N27, S. Shop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OIO OPERATION. The aircraft, a accordance will approved for migned: Tri-State Aero Date: 8/15/20	/N: 91789 SH-17-0 300 SS ARE V ion: 300 LD CHAN AL CHEC irframe, a ith the cu eturn to s	P7, Time: 1260 VORN. MPION SI K GOOD aircraft en 177 rent regulation F	PARK PLI gine, propulations of entinent do	JGS. INStoleller or ap the Feder etails of the 101 Flighti	pliance identified above was repaired and inspected in al Aviation Administration and was found airworthy and is e repair are on file at this repair station.
IO550-N27, S. Shop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OI OPERATIONAThe aircraft, a accordance will approved for migned: Tri-State Aero	/N: 91789 SH-17-0 300 SS ARE V ion: 300 LD CHAN AL CHEC irframe, a ith the cu eturn to s , Inc. CR	P7, Time: 1260 VORN. MPION SI	PARK PLI gine, propulations of entinent do	JGS. INStoleller or ap the Feder etails of the 101 Flighti	pliance identified above was repaired and inspected in all Aviation Administration and was found airworthy and is e repair are on file at this repair station. Dated: 7/0/7 ine Drive Evansville, Indiana 47725 812-426-1221
IO550-N27, S. Shop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OI OPERATIONATHE aircraft, a accordance with approved for r Signed: Tri-State Ae O Date: 8/15/20 IO550-N27, Shop Order # Discrepancy:	/N: 91789 SH-17-0 300 SS ARE V ion: 300 LD CHAN AL CHEC inframe, a ith the cu eturn to s , Inc. CR	P7, Time: 1260 VORN. MPION SI SK GOOD aircraft en 11 regueration F	PARK PLI gine, propulations of entinent d	JGS. INStoeller or appoint the Feder etails of the 101 Flight I	pliance identified above was repaired and inspected in al Aviation Administration and was found airworthy and is e repair are on file at this repair station. Dated: 7/0/7 ine Drive Evansville, Indiana 47725 812-426-1221 N: 1648; Hobbs: 1080.00; Total Time:; Engine - Type: TCM
IO550-N27, S. Shop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OI OPERATIONATHE aircraft, a accordance with approved for r Signed: Tri-State Ae O Date: 8/15/20 IO550-N27, Shop Order # Discrepancy:	(N: 91789 SH-17-0 300 SS ARE V ion: 300 LD CHAN AL CHEC ifframe, a ith the cu eturn to s (N: 9178 ; SH-17-0 300 CYLINDE	P7, Time: 1260 VORN. MPION SI Aircraft en 11rrent regis 1266 PAHTR1 PAHTR1 REGT C	PARK PLI gine, propulations of entinent d	JGS. INStoeller or appoint the Feder etails of the 101 Flight I	pliance identified above was repaired and inspected in all Aviation Administration and was found airworthy and is e repair are on file at this repair station. Dated: 7/0/7 ine Drive Evansville, Indiana 47725 812-426-1221
IO550-N27, S. Shop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OIO OPERATION. The aircraft, a accordance with approved for misigned: Tri-State Aero Date: 8/15/20 IC550-N27, Shop Order # Discrepancy: NUMBER 6 CC Corrective Act REMOVED, CC SHOP OF CORRECTIVE ACT REMOVED.	(N: 91789 SH-17-0 300 S ARE V ion: 300 LD CHAN AL CHEC irframe, a ith the cu eturn to s (N: 9178 : SH-17-0 300 SYLINDEI tion: 300 CLEANEI	P7, Time: 1260 WORN. MPION SI IK GOOD aircraft en Irrent regt service. F P7, Time C321 R EGT C	PARK PLI gine, propulations of entinent descriptions of entinent descriptions of entinent descriptions of entinent descriptions of entinent descriptions of entinent descriptions of entinent descriptions of entire de	JGS. INS peller or ap the Feder etails of the 101 Flighti SR22; S/NTLY HOT	pliance identified above was repaired and inspected in all Aviation Administration and was found airworthy and is e repair are on file at this repair station. Dated: 7/6/7 ine Drive Evansville, Indiana 47725 812-426-1221 N: 1648; Hobbs: 1080.00; Total Time:; Engine - Type: TCM
IO550-N27, S. Shop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OIO OPERATION/ The aircraft, a accordance wi approved for r. Signed: Tri-State Aevo Date: 8/15/20 10550-N27, S. Shop Order #: Discrepancy: NUMBER 6 C. Corrective Acc REMOVED, C. AND OPERA	(N: 91789 SH-17-0 300 S ARE V ion: 300 L CHEC irframe, a ith the cu eturn to s (N: 9178 : SH-17-0 300 :YLINDEI tion: 300 CLEANEI	P7, Time: 1260 WORN. MPION SI IK GOOD aircraft en rrent regiservice. F P8 AHTR1 P97, Time C321 R EGT C D AND RI CHECK C	PARK PLI gine, propulations of entinent description of the control	JGS. INS peller or ap the Feder etails of the 101 Flighti SR22; S/NTLY HOT LED THE UMBER 6	TALLED 12 NEW TEMPEST URHB32E SPARK PLUGS. pliance identified above was repaired and inspected in all Aviation Administration and was found airworthy and is e repair are on file at this repair station. Dated: 7/0/7 ine Drive Evansville, Indiana 47725 812-426-1221 N: 1648; Hobbs: 1080.00; Total Time:; Engine - Type: TCM TTER THAN THE OTHER CYLINDERS. NUMBER 6 CYLINDER FUEL INJECTOR NOZZLE. LEAK CYLINDER EGT IS NOW IN LINE WITH THE OTHERS.
IO550-N27, S. Shop Order #: Discrepancy: SPARK PLUG Corrective Act REMOVED OI OPERATIONAThe aircraft, a accordance wi approved for m Signed: Tri-State Aevo Date: 8/15/20 IO550-N27, S Shop Order # Discrepancy: NUMBER 6 C Corrective Ac REMOVED, C AND OPERAThe aircraft, a accordance with a coordance with a state of the sircraft, a accordance with a state of the sircraft, a accordance with a state of the sircraft, a accordance with sircraft and sircraft accordance with sircraft accordance with sircraft accordance with sircraft and sircraft accordance with sircraft acco	(N: 91789 SH-17-0 300 S ARE V ion: 300 LC CHAN AL CHEC irframe, a ith the cu eturn to s (Inc. CF 271; Aircr 271; Aircr 27	P7, Time: 1260 VORN. MPION SI SK GOOD aircraft en Irrent regulation of the color P7, Time P8, Time P8, Time P97, T	PARK PLI gine, propulations of entinent do entinent do BDT; Type CONSISTE E-INSTAL GOOD. Nongine, pro-	JGS. INS peller or ap the Feder etails of the 101 Flight III SR22; S/III LED THE III UMBER 6 peller or ap the Feder etails of	pliance identified above was repaired and inspected in all Aviation Administration and was found airworthy and is erepair are on file at this repair station. Dated: 7/0/7 ine Drive Evansville, Indiana 47725 812-426-1221 N: 1648; Hobbs: 1080.00; Total Time:; Engine - Type: TCM TTER THAN THE OTHER CYLINDERS. NUMBER 6 CYLINDER FUEL INJECTOR NOZZLE. LEAK CYLINDER EGT IS NOW IN LINE WITH THE OTHERS. spliance identified above was repaired and inspected in rall Aviation Administration and was found airworthy and is
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Date	Hrs. Min.		Time	I.	Since verhaul	Engine Service and Maintenance Reco	
		Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspection Modifications and Service Bulletins	ons,
Brought Forwa							
	Dat	n: 10/10	/2017: Air	roraft: NBC	BDT: Type	e: SR22; S/N: 1648; Hobbs: 1097.20; Total Time:	
			#: A-17-0		cop1, Type	5. 31/22, 3/N. 1040, 110003. 1037.20, 10tal 1 line.	-
		crepancy				218 : . ₂ < E ₂	
		S-B UPG rective A	Action: 2			t see a	
						DNDER P/N 011-00490-00 S/N 83721616 AND ACK A-30.4 BLIND	
						335 ADS-B OUT TRANSPONDER P/N 010-01214-01 S/N 3EE001691 190-01499-02 REV. 9 DATED MAY 31,2017 AND STC 3 SA01714WI,	-
	ANG	D ACK A	-30.9 RS	232 BLIN	D ENCOD	ER USING MANUAL PART NUMBER A30M REV. 06 DATED	
						SYSTEM WAS SHOWN TO MEET THE EQUIPMENT 27. THE AIRCRAFT WEIGHT AND BALANCE DATA, EQUIPMENT	
						DATED TO REFLECT THIS CHANGE. PERFORMED AN	_
						OUND TOTAL LOAD NOT TO EXCEED 80% OF RATED CAPACITY. A	-
		repancy		FLIGHT	WANUAL :	SUPPLEMENT WAS COMPLETED AND FILED WITH THE FAA.	
	UF	GRADE	GARMIN	GNS-430	'S WAAS	SOFTWARE	
		rective A		N NUMBE	R 1 AND 3	2 GNS-430 WAAS GPS MAIN SOFTWARE FROM 5.20 TO VERSION	
	5.30	AS PE	R CARM	IN SERVI	CE BULLE	TIN NO. 1606 REV. B DATED AUGUST 2,2016. GROUND	
	OPE	ERATIO	NAL CHE	ECKED NO	ORMAL.	peller or appliance identified above was repaired and inspected in	
	ane	aircrait, ordance	with the	current re	engine, proj pulations o	f the Federal Aviation Administration and was found airworthy and is:	
	200	roved-sa	elejurn to	osawice.	Reginen (d	letails of the repair are on file at this repair station.	
	Sign	red: L	lesion	DO HUDO	1772C 6	Dated: 10-19-2017 Evansville, Indiana 477.25 812-426-1221	
	111-4	J.ale Ale	io, inc. c	A	1020 0	ct Log Book. AirFrame. B	
					Income	of Log Book. Airriant. (18)	
	Type Sho Disc ANN	e: TCM I p Order repancy IUAL IN	O550-N2 #: SH-17 r: 300	27, S/N: 91 -0395 DN IS DUE		: SR22; S/N: 1648; Hobbs: 1097.10; Total Time: 1097.10; Engine - e: 1097.10 ENGINE	
	CON	MPLIED (T DUE	WITH AN IN 12 MO	NUAL IN	SPECTION	N ON THIS ENGINE. SEE THIS WORK ORDER FOR DEFECTS.	
		repancy NGE E		IL AND O	IL FILTER.	INSPECT OIL FILTER CARTRIDGE	
	Corr	ective A	ction: 30	1			
	INS AER	TALLED	NEW EN L 15W50	NGINE OIL	FILTER F	R, INSPECTED OIL FILTER CARTRIDGE, NO DEFECTS NOTED. PART NUMBER AA48108-2, SERVICED ENGINE WITH 8 QUARTS EAKS NOTED FOLLOWING ENGINE RUN	
	TAK	E ENGI	NE OIL S				
			ction; 302		ND SENT	FOR ANALYSIS	
	Disc	терапсу	: 303			1.0.0.11.0.2.7010	
				SSION C	HECK		
			ction: 303 SION CHE		I- 62/80. 2-	58/80, 3-65/80, 4-54/80, 5-53/80, 6-66/80. MASTER ORIFICE	
	REA	DING IS	3 46			\$7770 7.4	
	The an		airframe,		ngine, prop	peller or appliance identified above was Inscribed rdance with current regulations of the Federal Aviation Administration	
				\$			
	and	A	nnua	/	-1-1-14-14-11-0	inspection. I certify that this aircraft was found airworthy and	
	is ap	proved f	or return	to service		details of the repair are on file at this repair station. DATE: 10-19-2017	
		tate Aer		CRS AHT		6101 Flightline Drive Evansville, Indiana 47725	
975							
	-						
	- 1		-				

Date	
-4.0	Date: 2/00/2010: Aircraft: N828DT: Type: SD22: S/N: 1640: Habba: 1122-20: Tatal Time: Tatal
	Date: 3/09/2018; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1133.20; Total Time:; Engine - Type: TCM IO550-N27, S/N: 917897, Time:
	Shop Order #: SH-18-0107
	Discrepancy: 300
Brought Forward	ENGINE OIL AND OIL FILTER ARE DUE CHANGE.
	Corrective Action; 300
	CHANGED ENGINE OIL AND OIL FILTER. INSPECTED THE OIL FILTER CARTRIDGE, NO DEFECTS
	NOTED AT THIS TIME. INSTALLED NEW TEMPEST OIL FILTER PART NUMBER AA48108-2. SERVICED
	THE ENGINE WITH 8 QUARTS AEROSHELL 15W50. NO LEAKS NOTED FOLLOWING ENGINE RUN.
	Discrepancy: 301 TAKE ENGINE OIL SAMPLE.
	Corrective Action; 301
	TOOK ENGINE OIL SAMPLE AND SENT OUT FOR ANALYSIS.
	The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in
	accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is
	- approved for return to service. Pertinent details of the repair are on file at this repair station.
	Signed: Dated: 3/9//8
	Tri-State Vero, Inc. ORSAHTR1020 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221
	<u>-</u>
-	Date: 6/26/2018; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1167.10; Total Time:; Engine - Type: TCM
	IO550-N27, S/N: 917897, Time:
	Shop Order #: SH-18-0271
	Discrepancy: 300 CHANGE ENGINE OIL AND OIL FILTER. INSPECT OIL FILTER CARTRIDGE.
1	Corrective Action; 300
	CHANGED ENGINE OIL AND OIL FILTER, INSPECTED THE OIL FILTER CARTRIDGE NO DEFECTS
	NOTED AT THIS TIME. INSTALLED NEW TEMPEST OIL FILTER PART NUMBER AA48108-2 SERVICED
	THE ENGINE WITH 8 QUARTS AEROSHELL 15W50. NO LEAKS NOTED FOLLOWING ENGINE RUN
	Discrepancy: 301
	TAKE ENGINE OIL SAMPLE Corrective Action: 301
	TOOK ENGINE OIL SAMPLE AND SENT FOR ANALYSIS
	Discrepancy: 302
	RIGHT MAGNETO IMPULSE COUPLING IS INTERMITTENT.
	Corrective Action: 302
	Corrective Action: 302 REMOVED RIGHT MAGNETO IMPULSE COUPLING P/N- 10-400307 S/N- T-269 AND INSTALLED NEW/
	Corrective Action: 302 REMOVED RIGHT MAGNETO IMPULSE COUPLING P/N- 10-400307 S/N- T-269 AND INSTALLED NEW IMPULSE COUPLING P/N- 10-400307 S/N- T-330 IN ACCORDANCE WITH S-20/S-200 SERIES HIGH
	Corrective Action: 302 REMOVED RIGHT MAGNETO IMPULSE COUPLING P/N- 10-400307 S/N- T-269 AND INSTALLED NEW IMPULSE COUPLING P/N- 10-400307 S/N- T-330 IN ACCORDANCE WITH S-20/S-200 SERIES HIGH TENSION MAGNETOS MAINTENANCE AND OVERHAUL MANUAL INSTALLED RIGHT MAGNETO IN
	Corrective Action: 302 REMOVED RIGHT MAGNETO IMPULSE COUPLING P/N- 10-400307 S/N- T-269 AND INSTALLED NEW IMPULSE COUPLING P/N- 10-400307 S/N- T-330 IN ACCORDANCE WITH S-20/S-200 SERIES HIGH TENSION MAGNETOS MAINTENANCE AND OVERHAUL MANUAL. INSTALLED RIGHT MAGNETO IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 74-10. OPERATIONAL GROUND RUN GOOD AT THIS TIME
	Corrective Action: 302 REMOVED RIGHT MAGNETO IMPULSE COUPLING P/N- 10-400307 S/N- T-269 AND INSTALLED NEW IMPULSE COUPLING P/N- 10-400307 S/N- T-330 IN ACCORDANCE WITH S-20/S-200 SERIES HIGH TENSION MAGNETOS MAINTENANCE AND OVERHAUL MANUAL. INSTALLED RIGHT MAGNETO IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 74-10. OPERATIONAL GROUND RUN GOOD AT THIS TIME. NO LEAKS NOTED AT THIS TIME.
	Corrective Action: 302 REMOVED RIGHT MAGNETO IMPULSE COUPLING P/N- 10-400307 S/N- T-269 AND INSTALLED NEW IMPULSE COUPLING P/N- 10-400307 S/N- T-330 IN ACCORDANCE WITH S-20/S-200 SERIES HIGH TENSION MAGNETOS MAINTENANCE AND OVERHAUL MANUAL. INSTALLED RIGHT MAGNETO IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 74-10. OPERATIONAL GROUND RUN GOOD AT THIS TIME. NO LEAKS NOTED AT THIS TIME. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and was found airwardly and in
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Date: 1 Type: T Shop O Discrep	Corrective Action: 302 REMOVED RIGHT MAGNETO IMPULSE COUPLING P/N- 10-400307 S/N- T-269 AND INSTALLED NEW IMPULSE COUPLING P/N- 10-400307 S/N- T-330 IN ACCORDANCE WITH S-20/S-200 SERIES HIGH TENSION MAGNETOS MAINTENANCE AND OVERHAUL MANUAL. INSTALLED RIGHT MAGNETO IN ACCORDANCE WITH CIRRUS SR22 AMM CH. 74-10. OPERATIONAL GROUND RUN GOOD AT THIS TIME. NO LEAKS NOTED AT THIS TIME. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station. Signed: Dated: Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221 1/19/2018; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1198.30; Total Time: 1198.30; Engine - 1198.00 Total Time: 1198.30; Engine - 1198.00
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nd An	nunt			inspection.	I certify that this aircraft was	found airworthy and	
approved	for return	n to service	Pertin	ent details of the repair	are on file at this repair static	on.	
IGNED: ri-State Ae		CRS AHT	P1020	6101 Eliabelian Daire	DATE:	79	
II-Otate Ae	io, inc.	UNS AIT	1020	6101 Flightline Drive	e Evansville, Indiana 4772	5	
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, SERIAL I /ORK ORE HECKED. 7.7 he aircraft, ccordance pproved for igned:	AUMBER OER # M4 STARTE airframe with the	R H-S10397 I58030 DAT R AND STA , aircraft en current regu	5 OVE ED 11. ARTER gine, p lations	RHAULED BY HARTZE /2/18 APPROVAL NUM ADAPTER INSTALLED Propeller or appliance ide s of the Federal Aviation It details of the repair an Dated	ELL ENGINE TECHNOLOGIE BER 1H2R769B. OPERATIO D PER THE TCM MAINTENA entified above was repaired a	ES ON THEIR DNAL AND LEAK ANCE MANUAL CH. and inspected in and airworthy and is	
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	Date: 1/02/2020; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs; 4278.80; Total Time: 1278.80; Engine - Type: TCM IO550-N27, S/N: 917897, Time: 1278.80 Shop Order #: SH-19-0432	e Record
	Discrepancy: 300	cial Inspections.
		olai mopodaono,
_	ANNUAL INSPECTION DUE ON ENGINE	
В	Corrective Action: 300	1
_	COMPLIED WITH ANNUAL INSPECTION ON ENGINE. NEXT DUE IN 12 MONTHS. SEE THIS WORK	100
	ORDER FOR DEFECTS.	-
_	Discrepancy: 301	N-
	CHANGE ENGINE OIL AND OIL FILTER. INSPECT OIL FILTER CARTRIDGE.	
_	Corrective Action: 301	
	CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, NO DEFECTS NOTED. INSTALLED NEW ENGINE OIL FILTER PART NUMBER AA481108-2 AND SERVICED ENGINE, WITH 8 QUARTS AEROSHELL 80 OIL. NO LEAKS NOTED FOLLOWING ENGINE RUN.	8
_	Discrepancy: 302	
	TAKE ENGINE OIL SAMPLE.	-
		- 5
	Corrective Action: 302	-
	TOOK ENGINE OIL SAMPLE AND SENT FOR ANALYSIS	
	Discrepancy: 303	
	PERFORM COMPRESSION CHECK.	
_	Corrective Action: 303	
	COMPRESSION CHECKED: 1- 60/80, 2- 64/80, 3- 68/30, 4- 77/80, 5- 56/80, 6- 74/80. MASTER ORIFICE	
-		
	READING IS 50	-
_	Discrepancy: 304	
	ENGINE FÜEL NOZZLES DUE CLEANING	
	Corrective Action: 304	
	REMOVED, CLEANED AND REINSTALLED SAME FUEL INJECTOR NOZZLES IN ACCORDANCE WITH	
	CONTINENTAL POSITION TUNED FUEL INJECTOR NOZZLES INSTALLATION AND MAINTENANCE	3
	CONTINENTAL POSITION TUNED FOEL INJECTOR NOZZEES INSTALEATION AND INC.	
	MANUAL. NO DEFECTS NOTED AT THIS TIME	n .
_	Discrepancy: 305	
	CYLINDER #5 MAKING METAL/ LOW COMPRESSION LEAKING PAST EXHAUST VALVE	
_	Corrective Action: 305	
	REMOVED CYLINDER #5 AND SENT FOR REPAIR. REPAIRED BY G AND N AIRCRAFT ON THEIR WORK	S
(REMOVED CYLINDER #5 AND SELECTION IN MAINTAIN REPORT IN CONTINUES BY THE REPAIR IN	
	ORDER 73985 REPAIR STATION IDMW2R0201. REINSTALLED CYLINDER AFTER REPAIR IN	
	ACCORDANCE WITH TCM SPMM 10-37-10 AND ENGINE MAINTENANCE AND OVERHAUL MANUAL 16-27	
_;	-16. LEAK CHECKED FUEL SYSTEM. NO LEAKS NOTED AT THIS TOME. PERFORMED GROUND RUN UP.	
	NO DEFECTS NOTED AT THIS TIME.	
_	The already difference directaff engine propeller or appliance identified above was	
	In accordance with current regulations of the Federal Aviation Administration	
_		
	and Annual inspection. I certify that this aircraft was found airworthy and	
_	is approved for return to service. Pertinent details of the repair are on file at this repair station. DATE: 1 2 - 2 0	
	SIGNEDINGONOLANDON	
	Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725	,
	- State of the sta	-
П	ate: 6/26/2020; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1314.10; Total Time:; Engine - Type: TCM	
D.	Sign (1/20/2004), Aricalit. (1/20/2011), 1/90. Criss.)	
	550-N27, S/N: 917897, Time:	
S	nop Order #: SH-20-0167	
D	screpancy: 300	
C	HANGE ENGINE OIL AND OIL FILTER. INSPECT OIL FILTER CARTRIDGE.	
_	orrective Action: 300	-
_	HANCED ENGINE OIL AND OIL FILTER INSPECTED OIL FILTER CARTRIDGE, NO DEFECTS NOTED.	
Ü	ISTALLED NEW ENGINE OIL FILTER PART NUMBER AA48108-2 AND SERVICED ENGINE WITH 8	
II.	INTERPOLITIES AND LEAVE NOTED FOLLOWING ENGINE BLIN	
	UARTS AEROSHELL 15W50 OIL, NO LEAKS NOTED FOLLOWING ENGINE RUN.	10
	iscrepancy: 301	1
T.	AKE ENGINE OIL SAMPLE.	
C	orrective Action: 301	8
- 1	OOK ENCINE OU SAMPLE AND SENT FOR ANALYSIS	2
<u> </u>	he aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in	
٠,	coordance with the current regulations of the Federal Aviation Administration and was found airworthy and is	
a	coordance with the current regulations of the rederal Aviation Author the carried station	
а	proved for return to service. Pertirent details of the repair are on file at this repair station	
S		
T	ri-State Aelo, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221	, i
	V	
	-	
	_	
$\mathcal{C}_{\mathcal{A}}$		

ESSEE AVISTION
rcraft engine, propeller or w was repaired and

WTAviation Inc. 127 Airport Road

AP 3381523

Mayfield, KY 42066

Date 5-//-2/

ions,

Mork Order/Contract/Invoice#: TLADIAN CDC 06202008-01 aintenance Record 3. Form Tracking Number: ess Directives, Special Inspections, ate: 5/09/2022; Aircraft: N828DT; Type: SR22; S/N: 1648; Hobbs: 1512.30; Total Time: 1512.30; Engine -Type: TCM IO550-N27, S/N: 917897, Time: 1512.30 Shop Order #: SH-22-0090 Discrepancy: 300 ANNUAL INSPECTION DUE ON ENGINE Corrective Action: 300 COMPLIED WITH ANNUAL INSPECTION ON ENGINE. NEXT DUE IN 12 MONTHS. SEE THIS WORK Discrepancy: 301 CHANGE ENGINE OIL AND OIL FILTER. INSPECT OIL FILTER CARTRIDGE. Corrective Action: 301 CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, NO DEFECTS NOTED. INSTALLED NEW ENGINE OIL FILTER PART NUMBER AA48108-2 AND SERVICED ENGINE WITH 8 QUARTSAEROSHELL 100 MINERAL OIL. NO LEAKS NOTED FOLLOWING ENGINE RUN. TAKE ENGINE OIL SAMPLE. Corrective Action; 302 TOOK ENGINE OIL SAMPLE AND SENT FOR ANALYSIS Discrepancy: 303 PERFORM COMPRESSION CHECK. Corrective Action; 303 COMPRESSION CHECKED: 1-72/80, 2-68/80, 3-58/80, 4-71/80, 5-72/80, 6-60/80. MASTER ORIFICE Discrepancy: 304 NUMBER 1 CYLINDER HAS LOW COMPRESSION AT 50 BLOWING BY RINGS AND EXHAUST VALVE Corrective Action; 304 REMOVED CYLINDER PART NUMBER 655932 SERIAL NUMBER ACO5HA235 AND PISTON PART NUMBER 654857C AND SENT FOR REPAIR. REPAIRED BY G&N AIRCRAFT ON THEIR WORK ORDER 75071, REPAIR STATION NUMBER MW2R020L. REINSTALLED SAME CYLINDER AND PISTON AFTER REPAIR. GROUND RAN AIRCRAFT. OPERATIONAL AND LEAK CHECK GOOD, NO DEFECTS NOTED AT THIS TIME. COMPRESSION AT 72/80. WORK DONE IN ACCORDANCE WITH CONTINENTAL IO-550 MAINTENANCE Discrepancy: 305 NUMBER 2 CYLINDER HAS LOW COMPRESSION 50 BLOWING BY RINGS AND EXHAUST VALVE REMOVE CYLINDER PART NUMBER 655932 SERIAL NUMBER ACO5H382 AND PISTON PART NUMBER 654857C AND SENT FOR REPAIR. REPAIRED BY G&N AIRCRAFT ON THEIR WORK ORDER 75071, REPAIR STATION NUMBER MW2R020L. REINSTALLED SAME CYLINDER AND PISTON AFTER REPAIR. INSTALLED NEW EXHAUST HYDRAULIC LIFTER PART NUMBER 658077. GROUND RAN AIRCRAFT. OPERATIONAL AND LEAK CHECK GOOD, NO DEFECTS NOTED AT THIS TIME. COMPRESSION AT 72/80. WORK DONE IN ACCORDANCE WITH CONTINENTAL IO-550 MAINTENANCE AND OVERHAUL MANUAL FUEL NOZZLES DUE CLEANING Corrective Action: 306 REMOVED FUEL NOZZLES. CLEANED AND INSPECTED. NO DEFECTS NOTED AT THIS TIME. REINSTALLED NOZZLES. LEAK AND OPERATIONAL CHECK GOOD AT THIS TIME. WORK DONE IN ACCORDANCE WITH CONTINENTAL FUEL INJECTOR NOZZLE INSTALLATION AND MAINTENANCE MANUAL. NEXT DUE IN 12 MONTHS OR 300 HOURS Discrepancy: 307 CYLINDER #5 EGT PROBE INOP Corrective Action: 307 REMOVED AND REPLACED EGT PROBE PART NUMBER: 12641-001 WITH NEW EGT PROBE PART NUMBER: 16579-002. GROUND RAN AIRCRAFT. OPERATIONAL CHECK GOOD NO DEFECTS NOTED AT THIS TIME. WORK DONE IN ACCORDANCE WITH CIRRUS SR22 MAINTENANCE MANUAL CHAPTER 77. The aircraft, airframe, aircraft engine, propeller or appliance identified above was in accordance with current regulations of the Fe in accordance with current regulations of the Federal Aviation Administration inspection. I certify that this aircraft was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station.

DATE: 5-9-2022

	Th.	oroughbred Aviation Mainte Engine	nance, Inc.	cord
Date:07/27/202 AC: N828DT Hobbs: 1534.6	Eng Eng	gine M/N: 1O-550-N(27) gine S/N: 917897 gine TT: 1534.6	WO: 223304 Tach: N/A Engine SMOH: N/A	ections,
engi	ne oil and send AOA oil analysis ked, and leak checked OK.	sample out, Serviced engine with 8	Installed new Tempest AA48108-2. Drained 8-qts of Aeroshell 15W50 oil. Ground run, ops	
		MAINTENANCE RELEASE		
The aircraft and return to service Date: 07/27/202		aired in accordance with current F/ nt" details of the repair are on file	AA regulations and was found airworthy for at this agency under Work Order: 223304 CRS: R81R199Y	
V828DT	IO 550-N	HOBBS: 1603.0	W/O: 8577	
Engine 0-10-2022	S/N: 917709		*V/O: 85//	-
st ran. No leaks in Muhas lichael E. Goss &P 3077585	Length of the State of the Stat	9 440	one found. Collected oil sample for AvLauts Aeroshell 15W50. Washed engine, an Kentucky Airmotive, Inc. 709 Airport Road Mt. Sterling, KY 40353 (859) 498-6633	Ω
			W/O: 8607 0-500556-1. S/N: D05DA159. y Aircraft Magneto Service of	00,
tevensville, MT of heck good, END. Muchael lichael E, Goss &P 3077585	n work orders 20200 tierry	and 30501 (right) dated 22 Se	y Aircraft Magneto Service of eptember 2022. Ground operational Kentucky Airmotive, In 709 Airport Road	METHOD OF COMPLIANCE
			Mt. Sterling, KY 40353 (859) 498-6633	14
				Altworthiness Service Bulletin
N828DT	IO SEO NATIO	4		Almu, Dire
Engine 06/27/2023	1O 550-N(7) S/N: 917897	Hobbs: 1725.5 SNEW: 1725.5	WO: 8752	12
#5) 60/80, #6) 62/80. Serviced engine with 8	Drained oil and removed oil filte	2) 76/80, #3) 60/80, #4) 60/80 r. Checked for abnormalities. None ed. gapped, tested and rotated all s	lance with FAR 43.13 Appendix D. Performed found. Replaced oil filter with new AA48108-2, park plugs. Engine washed and ground run. No leak action and was found to be in airworthy condition.	s
Michael E. Goss	CHon		Kentucky Airmotive, Inc	.

A&P 3077585 IA

Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725

709 Airport Road

Mt. Sterling, KY 40353 (859) 498-6633

Date	Total Time Time Since Last Overhaul				Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,		
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airwork Modifications and Service Bulleti	thiness Directives, Special Inspections, ins	
ought Forward		-					
N828DT Engine 07/26/2024	E		50-N(7) 917897		Hobbs: 1887.2 SNEW: 1887.2	WO: 8990	
Checked for abno	ormalities. d rotated a	None fou Il spark p	nd. Replace	70/80, #2) 6 ed oil filter se washed a	al/100 hour inspection in accordance with F 7/80, #3) 65/80, #4) 57/80, #5) 60/80, #6) with new AA48108-2. Serviced engine with a ground run. No leaks noted. I certify this airworthy condition, END	65/80. Drained oil and removed oil filter.	
		-				(33)	
	-		O 550-N (/N: 91789	,	Hobbs: 1944.5 SNEW: 1944.5	WO 9222	
Michael E. A&P 30775				1		709 Airport Road Mt. Sterling, KY 40353 (859) 498-6633	
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