## TELEDYNE CONTINENTAL MOTORS Aircraft Products

P. O. BOX 50, MOBILE, ALABAMA 36601

Control of Australia

TELEDYNE CONTINENTAL



FUEL CONFORMING TO ASTM D910.

USE OF AUTOMOTIVE GAS IS NOT APPROVED. NEW ENGINE LOG

N 1230Z

AIRCRAFT N NUMBER

IOSSO B29B

ENGINE MODEL NUMBER

682157

**ENGINE SERIAL NUMBER** 

Form No. X-30502

43

## Gold Medallion® Warranty Protection

All Teledyne Continental Motors engines delivered as original equipment after January 1, 1980 are protected by TCM's exclusive Gold Medallion Warranty. The Warranty covers parts, shipping allowance and labor during the first six months or 240 hours of operation. After six months or 240 hours of operation, these cost are prorated. Contact your TCM Distributor for all the facts or write Teledyne Continental Motors for a free brochure.

#### 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 (205) 438-3411, publications department, for information.

\*\*TELEDYNE CONTINENTAL MOTORS
Aircraft Products

P. O. Box 90 • Mobile, Alabama 36601

This engine model <u>70550B29B</u>, Serial No. <u>682157</u>, was manufactured on <u>11-18-94</u> by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

TELEDYNE CONTINENTAL MOTORS

TELEDYNE CONTINENTAL MOTORS
Aircraft Products

#### ENGINE DESCRIPTION

ТҮРЕ	MODEL	SERIAL NO.
RATED H.P.	MAXIMUM H.P	
RATED R.P.M.	MAXIMUM R.P.M.	OIL PRESSURE
BORE	STROKE	DISPLACEMENT CU. IN
COMPRESSION RATIO		GEAR RATIO
		HUB SERIAL NO.
BLADE DESIGN	BLADE SERIAL NO	BLADE SERIAL NO.
MAXIMUM HUB H.P.	MAXIMUM BLADE H.P	
		LENGTH
		STATE

R.P.M. TIME ON GROUND TIME IN AIR TOTAL TIME  Ground Air Hrs. Min. Total Hrs. Min. Total Hrs. Min. Total Hrs. Min.  1-25.95 Hrm. 46.9  Ground Air Hrs. Min. Total Hrs. Min. Total Hrs. Min. Total Hrs. Min.  1-25.95 Hrm. 46.9  Ground Air Hrs. Min. Total Hrs. Min. Total Hrs. Min.  The Air Total Hrs. Min. Total Hrs. Min. Total Hrs. Min.  The Air Total Hrs. Min. Total Hrs. Min. Total Hrs. Min.  The Air Total Hrs. Min. Total Hrs. Min. Total Hrs. Min.  The Air Total Hrs. Min. Min. Total Hrs. Min. Min. Total Hrs. Min.  The Air Total Hrs. Min. Min. Total Hrs. Min. Min. Total Hrs. Min. Min.  The Air Total Experiment Total Ground From Total Hrs. Min. Min. Total Hrs. Min. Min. Total Hrs. Min. Min. Min. Total Hrs. Min. Min. Min. Total Hrs. Min. Min. Total Hrs. Min. Min. Total Hrs. Min. Min. Min. Total Hrs. Min. Min. Min. Total Hrs. Min. Min. Total Hrs. Min. Min. Min. Min. Min. Min. Min. Min									-					
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### SOUND AIRCRAFT SERVICES

MAKE: Continental MODEL: IO550-B

SERIAL NO: 682157

REG. NO.: 1230Z

CENSE

UMBER

TACH: ----

DATE

Section 15

HOBBS: 162.4

TOTAL A/C TIME:

162.4

DATE: 6/5/95

Changed oil and filter. Cut filter with no contamination noted at this time. Serviced engine with 12 quarts of Aeroshell 100W oil and Champion CH48109 oil filter. Engine ground run satisfactory. Aircraft approved for return to service for work performed. END.

East Hampton Airport P.O. Box 438, Daniels Hole Road BROUG Wainscott, New York 11975 (516) 537-2202

Steven W. Tuma, IA#099546986

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DATE	R.P	.м.		ROUN			TIME I	N	TOTAL	TIME	REPAIRS - ADJUSTMENTS SIGNATURE LICENS
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	instructy,	CHECKED EY	GINE TO	MAG. TAMING AND IGNITION
LEADS, IN	57ALLED	WEW GAR-A	3C 50	64 FOR AIR CONDITIONER DRIVE
CIW MAND.	5 8. 63	6 (cow T.) CA	ELIC OF	EX TYPE IGNITION SYSTEM
Mamoreu 7	ACH. GEN.	5/2 19093	INSTAL	LED NEW TACH GEN. 5/N 2079B
GROUND 1942	T REAK A	~ D D S C M	ECICED S	ATIS FACTURY for DETRICE OF THE
AMD OTHER	WORK A	EXFORMED,	SEE 4	1.0. # 0373'F' AND 0381W ON
FILE This R	REPAIR ST	NT.DA		995
			Date //	9-95 H.M. 22.5,6 T. 22.5,6
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		178.7	Was Deterr	nined To Be In Airworthy Condition.
			W 0 # 3	73F & 38/W Signed By Broken Struct For
			W.U. #-=	
20010177-00111				STEVENS AVIATION
BROUGHT FORWARD TOTALS				GREER, SC 29651
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	TOTAL		1CC		E .Ma	GRE					
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DATE  Ground Air Hrs. Min. Total Hrs. Min. Total Hrs. Min.  (CS JT ->) VISUAL CNETCE OF NEWTONE MUFF CHECKED SATIS FACTORY C/W  BEECH S.I. 0/66 - 258 CNECK OF FLEXINGLE NIX DICTS CNETKED SATIS FACTOR  CNECKED ENGINE TO MAG. TIMING TIMING AND IGNITION CERODS C/W MINN  S.B. 636 (CS JT) CNECK OF KEY TYPE IGNITION SYSTEM. CNECKED SATIS FACTOR  A.D. 95 - 21 /5 (CS JT) ENGINE ON ERAPTED ON CONTRAINMED FIRE DNA  PER AIRCRAFT "A" AUMBER CNECKED AND CLEANED INDUCTION AIR FILTE  CLEANED AND REGARDED ALL SADEK PLU65 GROUND RUM LEDICAL  EAST CNECKED SATIS FACTORY FOR DETAILS OF TRIS AND DITNEY WITH  AER FORMED SEE COLOR 1839 ON FILE THIS REPAIR STATION.  Date 8 - 96 H.M. 348, 2 THIS Been Inspected  100 NR Inspection And  1229 BOOKEN J. ALLANGER												
Ground Air Hrs. Min. Total Hrs. Min. Total Hrs. Min.  (C.S. T) VISUAL CHECK OF HENTER MUFF CHECKED SOTIS FOLTOWY C/W  BEECH S.I. 0/66 - 258 CNECK OF FLEXIONSLE NIX DUCTS CHECKED SATIS FOCTOR  CHECKED ENGINE TO MAG. TIMING AND IGNITION LENDS C/W MAN  S.B. 636 (CSWT) CHECK OF KEY TYPE IGNITION SYSTEM CHECKED SATIS FACE  AD. 95-21-75 (CSWT.) ENGINE OF ERATED ON CONTEMBRATED FREE DYA  PER AIRCRET "N" Number CHECKED AND CLEANED INDUCTION AIR FINTE  C'EDNED AND REGARDED ALL SARK PLUGS GROWN RUM LENGLE  EDS CHECKED SATIS FOR TORY FOR DETRICES OF THIS AND DIVER WITH  FORFOLIO SEE CONTENT OF THE MIN AND DIVER WITH  Date 8-96 H.M. 348.2 T. 348.2  Date 8-96 H.M. SYBIRE Has Been Inspected  1 All Accordance With A 100 MR. Inspection And  301.3 In Accordance With A 100 MR. Inspection And	- A T.C	R.P.	.м.				1		Ν	TOTAL	TIME	REPAIRS – ADJUSTMENTS SIGNATURE NUMBER
CHECKED ENGINE TO MAG. TIMING TIMING AND IGNITION LEADS YOU MANN  S.B. 636 (C)NT.) CHECK OF KEY TYPE IGNITION SYSTEM, CHECKED SATISFACE  A.D. 95-21/5 (C)NT.) ENGINE OFERATED ON CONTAMINATED FLET DWA  PER AIRCLAFT "N" NUMBER CHECKED AND CLEANED INDUCTION AIR FILTE  CLEANED AND REGARDED ALL SARK PLUGS GROUND RUN LEDIC P  EAS CHECKED SATIS FORTOLY FOR DETAILS OF THIS AND DIVER WE  FERFORMED SEE COUNTY FOR DETAILS OF THIS AND DIVER WE  PERFORMED SEE COUNTY FOR DETAILS OF THIS AND DIVER WE  Date 8-96 H.M. 348.2 T. 348.2  Date 8-96 H.M. 348.2 T. 348.2  Date 8-96 H.M. 576 III Spection And  No Detail This III See Condition.	DATE	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	NUMBER
CHECKED ENGINE TO MAG. 7	( Cs	ωT -	ر (۹	11300	0 4	CHE	בוב פ	F	NEWTO	R M	4 7 1	CHECKED SATISFACTORY, CLW
CHECKED ENGINE TO MAG. 7 IN INC TIMING AND IGNITION LEADS YN MINNS  8. 636 (C) T.) CHECK OF KEY TYPE IGNITION SYSTEM, CHECKED SATISFACE  A.D. 95-21/5 (C) T.) ENGINE OFERATED ON CONTAMINATED FLET DWA  PER AIRCLAFT "IN" NUMBER CHECKED AND CLEANED INDUCTION AIR FILTE  CLEANED AND RECAMPED ALL SARK PLUGS GROUND RUN LEDIC P  EDS CHECKED SATISFACTORY FOR DETRICS OF THIS AND DINEX WE  FERFORMED SEE CULT 1839 ON FILE THIS REPAIR STATION  Date 8-96 H.M. 348.2 T. 348.2  Date 8-96 H.M. 548.2 T. 348.2  Date 8-96 H.M. 548.2 T. 348.2  Date 8-96 H.M. 548.2 T. 348.2	Be	ECH	S.I.	016	<u> - ش</u>	58	CHEC	K C	FFL	EXINA	LE	Ain QUETS CHECKED SATISFACTURY
A.D. 95-21/5 (CONT.) ENGINE ONERATED ON CONTAININGTED FIEL DIA  PER AIRCRET "N" NUMBER CHECKED AND CLERNED INDUCTION AIR FILTE  CLENED AND REGARDED ALL SPACK PLU65 GROUND RUM LENCY  EDS CHECKED SATIS FACTORY FUL DETAILS OF THIS AND DIVER WITH  PERFORMED SEE CULT 1839 ON FILE THIS REPAIR STATION.  Date 8-96 H.M. 348.2 TH 348.2    Date 8-96 H.M. 548.2 TH 348.2    Date 8-96 H.M. 546.2 TH 348.2    Date 8-96 H.M. 576.2 TH 348.2	C	NECKO	D E	ند. كالما	€ 7	o m	16.	7	كالذ،	F	C 10	NO IGNITION LENDS YN MINND.
A.D. 95-21/5 (CONT.) ENGINE ONERATED ON CONTAININGTED FIEL DIA  PER AIRCRET "N" NUMBER CHECKED AND CLERNED INDUCTION AIR FILTE  CLENED AND REGARDED ALL SPACK PLU65 GROUND RUM LENCY  EDS CHECKED SATIS FACTORY FUL DETAILS OF THIS AND DIVER WITH  PERFORMED SEE CULT 1839 ON FILE THIS REPAIR STATION.  Date 8-96 H.M. 348.2 TH 348.2    Date 8-96 H.M. 548.2 TH 348.2    Date 8-96 H.M. 546.2 TH 348.2    Date 8-96 H.M. 576.2 TH 348.2	5	8.	636,	KC3N7	1)	CHE	EK	F	KEY	TYPE	1	GNITION SYSTEM, CHECKED SATIS FACTORY,
CLERNED REGARDED ALL SAREK PLUGS GROWD RUM LENKED  EDS CHECKED SATIS FACTORY FUR DETRICS OF THIS AND DTWEN WE  PERFORMED SEE COUNT 1839 ON FICE THIS REPAIR STATISM  Date 8-9.96 H.M. 348.2 11 348.2    Date 8-9.96 H.M. 576 IN Has Been Inspected	A	D. C	25	11/5	1 (	(, ت سد م	(E)	من ا	01	ERAT	€ D	ON CONTAMINATED FUEL DWA
EPS CHECKED SATIS FROMLY FUN DETRICS OF TWIS AND DINER W.  FERFORMED SEE CULT 1839 ON FILE TWIS REPAIR STROTISM  Date 8-96 H.M. 348.2 TT 348.2    Date 8-96 H.M. 348.2 TT 348.2    EVE T.T.   Certify That This   ENGLIE   Has Been Inspected			inc	AN ET	">	ىر " ر	um BE	R	Chi	こいどひ	0 ~	D CLEANED INDUCTION AIR FILTER
EPS CHECKED SATIS FORTOLY FOR DETHICS OF THIS AND STREEL W.  AERFORMED SEE COST 1839 ON FICE THIS REPAIR STREEL W.  Date 8-9-96 H.M. 348.2 TT 348.2  Date 8-9-96 H.M. ENGINE Has Been Inspected  EVA 1.T. I Certify That This 100 MR. Inspection And  301.3 Interpretation of To Be In All worthy Condition.		i		1	، اد	REG	ו ממע מ	D'	ALC	500	ek	PLU65 GROUND RUN LEAK AND
Date 8-9.96 H.M. 576.12 Has Been Inspected    STAT.   Centify That This   100 MR   Inspection And		1	l			SATI	s Fro	cro	24	FUR	De	TRICS OF THIS AND STREEL WORK
Date 8-9.96 H.M. 348.2 T.T. 348.2    Date   S-9.96   H.M.   348.2 T.T. 348.2    Eve 7.7.   Certify That This   Eve 6.4 E   Has Been Inspected     Accordance With An   100 W.R.   Inspection And     301.3   In Accordance With An   Inspection     And   Determined To Be In Atworthy Condition.			1		1	1	رین		183	900	X	LE This REPAIR STATION
Date  Date  Has Been Inspected  OO WR Inspection And  And  Description And							<u> </u>			666		248.2 348.2
3 91 3 In Accordance With An Artworthy Condition.						/					H.M.	
1 1 3 2 2 / Jaston Postarmided To Rd In Allworthy Condition.						II	1	In A	cordano	- With A	1	
1839 Signed By Bobby 9. Fruitton						√ 3	91.3	Was	Determi	ed To B	a In A	worthy Condition.
										182	9	Bobby & Trulton
W.O. # Signed by								W.O	#	<b>L</b>		THE AVIATION
STEVENS AVIATION  RIS VIBROSSK										1		
BROUGHT FORWARD  GREER, SC 29651	BROUG	HT FORW	ARD					<u> </u>				
TOTALS		TOTA	LS				<u> </u>			<u> </u>		

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DATE	R.P.	.м.		IME O			TIME AIR		TOTAL	TIME	REPAIRS - ADJUSTMENTS	CIONIATINE	LICENSE	٠	-
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BROUG	HT FORWA	\RD				3006	H&I	- 3\H	*****			<u> </u>	<u> </u>		
	TOTAL					<u>coaz</u>	with the s	naanı							BRO

	Raytheon Aircraft Services	Pg
N1230Z	Hangar B Republic Airport East Farmingdale, NY 11735	Tach/H.M
- 0075	FAA Approved Repair Station FVIR154K	LICE
S/N <u>E-2875</u>		Time in Service 399.2
MdA36	<b>LOG BOOK INSERT</b> 4-18-97	W/O # 19700
	<u> </u>	
I certify that	this Engine has been inspected	l in accordance with
a 100 Hr. Annua	1 inspection and was determine	ed to be in an
airworthy condi	tion. All work accomplished is	s on file under
service order r	o. 19700 at Raytheon Aircraft	Services Repair
Station FV1R154	K. This inspection was accompl	ished I.A.W. a
	ection guide P/N 98-32227H as	an aid. AD's were
checked thru 97		
Signature CYLINDER COMPRES	CION TEST E- Julian Murray	Date_ <u>4-/8-97</u>
CILINDER COMPRES	SION LEST //	
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#1 60 2 72	3 64	
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117		
1/A/W CONTINENTAL CO MOS	<b>r</b> .	<u> </u>
1/A/W CONTINENTAL S.B. M84-1 Office reading	<sup>3</sup> 41	
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·	Raytheon Aircraft Services, Inc. Hangar B Republic Airport	Pg			entratura de aproposa	201000000000000000000000000000000000000						ENGINE	_OG		*	THE REAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPE
DA	N 1230 Z East Farmingdale, NY 11735 FAA Approved Repair Station FVIR154K	Tach/H.M. 446.1	E	LICENSE NUMBER	DATE	R.P.	.M.		IME ON ROUND	TIME		TOTAL T	ME			
	S/N E-2875  A36  LOG BOOK INSERT	Time in Service 446.1		NOMBER	·	Ground	Air	Hrs.	Min. Total	Hrs. Mir	. Total	Hrs.	Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	MdA36 LOG BOOK INSERT 4-18-97	W/O #19700			., 30 Tine 97	Har	Mete	r : 50	5,7 -	brain o	il servi	2 اس ع	quarts	AEROSHELL WICE AD	. Dil Cillor	ineraci
	Drained oil from engine. Removed oil filter and stalled new oil filter and service with 11 quar	inspected. In-		-		satisf	actory	, Ins	tall new	\$117-00 C	H48109	Fitter.	bryone	for and post-run inspect	on satisfact	Dry -END-
	15W50 oil. C/W TCM SB 96-12 Continued Airworthi	ness cylinder			4 6h 98	Hara	olor i	1-29					ľ	1 1		
	inspection. Adjusted idle speed and mixture. Rebaffle by installing fabricated doubler. Replac	ed air conditioning	+	***************************************		satisf	actory	Inst	all new a	pin-en Cl	serviu	filter.	ots PH	HILLIPS 20/50 x-c. Oil fith	er inspected	<u> </u>
	drive bearing and seal with new. Removed, inspe fuel nozzles, then reinstalled. Replaced interc	cted and cleaned					ļ (						-	How 1254370	4 <b>I</b> A	TOTY -END-
	new. Installed wide open throttle spring onto t	hrottle body. Re-			•											
	placed bad hardware on the R/H exhaust pipe. Ra tional and leak check was satisfactory. This e	ngine was determin	ed													
	to be in an airworth we condition of satisfactor	y for return	_	· · · · · · · · · · · · · · · · · · ·	*											
	to service. With Respect To The Work Performed  Details_ Under Service Order					1 2										
	Raytheon Aircraft Services Approved, Repair Station FVIR154K															
BRC	Authorized Signature	,			BROUGH	IT FORMA	PD									
[	10150		<del> </del>		- DAOOG1	TOTALS										
	10153															***************************************

N 1230Z S/N E2875 Md A36	Raytheon Aircraft Services  Hangar B Republic Airport  East Farmingdale, NY 11735  FAA Approved Repair Station FVIR154K  LOG BOOK INSERT  9-19-97	Pg 575.1  Tach/H.M575.1  Time in Service528.2  W/O #19974	RE	LICENSE NUMBER	+ ,	[	N1230Z S/NE2875 MdA36	Raytheon Aircraft Services Hangar B Republic Airport East Farmingdale, NY 11735 FAA Approved Repair Station FVIR154K  LOG BOOK INSERT  9-19-97	Pg Tach/H.M. 575.1 Time in Service 528.2 W/O # 19974	RE	LICENS NUMBE
Annual inspect work accomplication Aircraft Servo I.A.W. a Beec checked thrus Signature  CYLINDER  #1 68	## COMPRESSION TEST  2 7/ 3 64  5 68 6 68	ny condition. All 74 at Raytheon on was accomplished	\$1		•		oil filter and service intercylinder baffle w fuel nozzles inspected with new after gapping Cylinder inspection an plug on accessory case on cylinders 2, 3, and	Approved For Return To S With Respect To The Worl Details Under Service Order	il. Replaced #3. Removed all ed all spark plugs ntinued Airworthiness led square drive r box cover gaskets and leak check was rworthy condition  Service k Performed 19974 s Approved		

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DATE	R.P	.м.	1 .	IME O			TIME I AIR	N	TOTAL	TIME	REPAIRS – ADJUSTMENTS	SIGNATURE	LICENSE
<i>D</i> ,	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	(LET ) III.O (1.0500 (1.112) (1.10	JOHANORE	NUMBER
6-4-98	Hour	Meter:	678.	5 R	move	alter	nal	or PN	64930	4 54	v: 289408.0 and installed	d alternas	for
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									4810	9 01(	filter. Ground run gard		
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		4									JET AVIATION		
		JET A	VIATION	OF AM	IERICA,	INC. 380 H	IANSC	OM DRIVE	E, BEDFORI	). F.A.A	. REPAIR STATION No. JAVR120F		
	N123C	Z. MOI	DEL BO	ONAN	JZA A3	36. SN F	2875	. WORK	CORDE	R-7532			
	$L_{DATE}$	- 10/6/9	8	Α	CTT-7				TAL TIN				
BROUG	HITCM I												
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DATE	Ground	limits by Pe manufacture current over	nn Yan Aero Service, Inc. er's instructions. All steel p	Engine disassemb arts magnafluxed, i run. All applicable /	as been overhauled to manufacturer's new parts led, cleaned, and inspected in accordance with reassembled in accordance with manufacturer's Airworthiness Directives are in compliance. See at this agency under:
		W.O.#	1470	DATED _	11/19/98
		MFG	Continental	MODEL _	IO-550-B
		Serial No	682157	Time in sv	c. 685.6
			BY PENN YAN AERO	Airpo	Authorized Signature

BROUGHT FORWA

TOTALS

DATE	R.P.	м.	1 '	IME O			TIME I	N	TOTAL	TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	KELVIKS - ADSOSIMENTS	SIGNATURE	NUMBER
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7.114.44				╄				OIL F	RECOMI	WEND	ATION		
				+							· ·		
			-								mineral oil for approximately		<u> </u>
											consumption is acceptable.		
				+ 1							ashless dispersent (AD) type  that you do NOT use multi		
, and the second				+							products. Use of these		
Post Magnipus III - III				+							sticking and starter clutch		
				+	•				slipp			<u> </u>	
2			e e	+ (	Chang	e oil & 1	filter a				s, then at 15 more hours and	j ĝ	
				+				every	/ 25 hou	rs the	reafter.		
				+	PEN	IN YAN E	OES I	NOT REC	OMMEND	THE U	SE OF MULTI VISCOSITY OIL!		
				+			THE	USE OF I	MOGAS V	/ILL <sub>.</sub> VO	ID WARRANTY!		
	c:			<b>-</b> ,		<b>.</b>	r · · · · · · · · · · · · · · · · · · ·			1		<u> </u>	
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BROUG	HT FORWA	RD			ř .								
	TOTALS			1			$\vdash$			-		- <del> </del>	

	-550 <b>-</b> B	SN68215	Overhauled and Supplied With This Engine  DATE 11/19/98	
		P/N	S/N	
RT. M	AG	6310	94100304	
 LT. M	AG	6310	94100305	
ALT/G	EN	Not provided		
INJ/C	ARB	649468-2	J199415A	
FUEL	PUMP	646766-3	J189411B	
STAR	TER	646275	Y-0784132	
TURB	O-CHARGER	1		
<u>6 Ne</u>	ew 65496	51A3BP Cyl. As	sys.	
	enn Yan, Ne	ERVICE, INC. bw York 14527	APPROVED REPAIR STATION NJ1R350K	
W.O. No	1470		Authorized Signature	

DATE Grou	R.P./	JET AVIATION	TURE	LICENSE NUMBER	Real groups are a second and a second are a	DATE	Gr	SIGNATURE	LICENSE NUMBER
		JET AVIATION OF AMERICA, INC. 380 HANSCOM DRIVE, BEDFORD. F.A.A. REPAIR STATION No. JAVR120F	Millionide		-		JET AVIRTION		THOMBER
BROUGHT FO TO	DRWAR. DTALS	N123OZ, MODEL BONANZA A36, SN E2875, WORK ORDER-7532  DATE-12/9/98 ACTT-732.5 ENGINE TIME SINCE MAJOR OVERHAUL-00.0  TCM ENGINE MODEL IO 550-B29B, SN 682157, TOTAL TIME-685.6  PERFORMED ANNUAL INSPECTION PER BONANZA 100 HOUR / ANNUAL INSPECTION  GUIDE PN 98-32227H.  REMOVED ENGINE MODEL IO 550-B29B, SN 682157, TOTAL TIME-685.6. INSTALLED AFTER  OVERHAUL BY CRS-NJIR350K PER MM 71-00-00, REMOVAL & INSTALLATION  GROUND RUN/LEAK CHECK NORMAL.  SERVICED W/ 11 QYS. AEROSHELL 100 TYPE M AND CH 48109 FILTER.  AD 98-01-08L, PERFORMANCE ENGINEERING EXHAUST ROLLER ROCKER ARMS  NOT INSTALLED. NO ACTION REQUIRED.  CW AD 98-23-01, PARKER HANNIFIN / AIRBORN DRY AIR PUMP. DOES NOT APPLY BY TIME OF INSTALLATION. N  ACTION REQUIRED.  PERFORMED TCM SERVICE BULLETIN 95-2, INSPECTION & MAINTENANCE OF ENGINE CONTROL CABLES & LINK  THIS IS TO CERTIFY THAT AN ANNUAL INSPECTION HAS BEEN ACCOMPLISHED  IN ACCORDANCE WITH THE MANUFACTURES PROGRAM APPROVED UNDER  FAR 91.409(a) (1) AND THE ENGINE IS APPROVED FOR RETURN TO SERVICE  CRS-JAVR120F  CRS-JAVR120F			B	ROUGH	JET AVIATION OF AMERICA, INC. 380 HANSCOM DRIVE, BEDFORD. F.A.A. REPAIR STATION No. JAVR120F  N123OZ, MODEL BONANZA A36, SN E2875, WORK ORDER-8164  DATE-2/11/99 ACTT-740.9 ENGINE TOTAL TIME- 694.0  CHANGED OIL W/ 11 QTS AEROSHELL 100 MINERAL AND CH48109 FILTER.  CONTAMINATION CHECK NORMAL.  REPLACED BEARING IN AIR CONDITIOIN PULLY W/ NEW PN 643368 & INSTALLED W/ NEW BOLT PN 643556 PER MM 21-50-00  CRS-JAVR120F  N123OZ, MODEL BONANZA A36, SN E2875, WORK ORDER-8629  DATE-6/16/1999 ACTT-776.6 ENGINE TOTAL TIME-729.7  CHANGED OIL W/ 11 QTS. AEROSHELL 15W50 AND CH48109 FILTER PER MM 12-10-00. CONTAMINATION CHECK NORMAL.  I CRS-JAVR120F  CRS-JAVR120F  CRS-JAVR120F  CRS-JAVR120F  CRS-JAVR120F		

DATE	R.P.	.м.		IME O ROUN		•	TIME I	N	TOTAL	TIME	1 KPPAIKY = ADDIDINGPIND   NG-NAMER   "	ICENSE
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BROUG	HT FORW	ARD.		<del> </del>			<u> </u>					
	TOTAL			<b></b>				1				

		STEVE			IUN						Bonanza 682157	S/N E-2875	5	Hobbs 803.7 ACTT 803.7	
	T	Octobe	r .1, 1	777		ICMC		D-55 <b>0</b> -	ъ	5/N	SMOH	71.2		EngTT 756.8	
DATE	Gro		-		-			for a	-	ne l	<b>TIONS</b> 00 Hour 1			aned, inspec	JSE BER
			inject inspec	or n	ozz1 fue1	es. R inje	eins	stalle r scre	d spar ens fo	k pl	ugs using ntaminant	new gasket	s. ( lled	Cleaned and and and safeție	ed
						AIRWO	RTH	INESS	DIRECT	IVES		: 1999. <b>/ICE BULLET</b> by date of e		ne original	<u></u>
			build-	up a	nd b	y the	fa	ct tha	t the	orig		k (being S/			-
			-						_			ordance with condition,	n an	Annual Insp	
		Signed		STEV	ENS	AVIAI	TON	Gre	IA/5 envil	67 Le,	773 sc				
						-									
BROUG	HT FO	RWARD													-
	то	TALS													

	gine, propeller, or appliance identified below was repaired and inspected in accordance with current regulation and is approved for return to service.	ions of E	LICENSE NUMBER
Make: Teledyne Continental Moto	rs Model: IO550B29B	Marketon .	
<ul> <li>Serial No.: 682157</li> </ul>	Hobbs Time: 807.3		
Date:	Total Time: 760.4 TSO: 74.8		
Work Performed: Removed va	cuum pump 442CW, S/N 2AK187, installed overhauled vacuum pump 442CW, S/N 19077 with new g	asket.	
Ground run and leak checked		<u></u>	
Details of this inspection are on fil	a under Work Order No. 0722		
- Details of this inspection are of the	e diker work Older No. 0732	· .	
Signature: Cingle	Cert. No. ID4R254M		
	8600 County Rd 32, Fairhope, AL 36532	·	
Tow Customer Support Center	Source County Ru 32, Fairnope, AL 30332	<u></u>	
	gine, propeller, or appliance identified below was repaired and inspected in accordance with current regular on and is approved for return to service.	ions of —	
Make: Beechcraft	Model: A36	-	
- Serial No.: E-2875	Hobbs Time: 807.3 Total Time: 807.3		
_ Date: 10/07/99	Reg: N1230Z		
Work Performed:, Blew out vac	uum/pressure system lines, installed new inlet air filter P/N D9-14-05 & pressure filter P/N 1J4-7. Install	ed new	
engine inlet air duct P/N 36-3800		·	<b>_</b>
_		_	
_ Details of this inspection are on fi	le under Work Order No 0732		
- Signature: Angella	Cert. No. ID4R254M		
	, 8600 County Rd 32, Fairhope, AL 36532		
· · · · · · · · · · · · · · · · · · ·			

	proved for return to service.			LICE
Make: Teledyne Continental Motors	Model: IO550B29B			1401
Serial No.: 682157	Hobbs Time: 807.3			
Date: 01/06/00	Total Time: 766.0	TSO: 80.4		
Work Performed: Set up fuel system to TCl	M/Beechcraft specification and flight	checkedEnd		-
Details of this inspection are on file under Wo	ork Order No. 0789			-
12 . 1600				
Signature: Vingo/illi C	ert. No. ID4R254M			
TCM Customer Support Center, 8600 Cour	ntv Rd 32, Fairhope, AL 36532			<del></del>
		and the second s	A**	
			1 11 04	·
The aircraft, airframe, aircraft engine, prope Federal Aviation Administration and is appro	eller, or appliance identified below wa	s repaired and inspected in accor	dance with current regulations of the	
Federal Aviation Administration and is appro-	oved for return to service.	s repaired and inspected in accor	dance with current regulations of the	
Federal Aviation Administration and is appro- Make: Teledyne Continental Motors	wed for return to service.  Model: IO550B29B	s repaired and inspected in accor	dance with current regulations of the	
Federal Aviation Administration and is appro- Make: Teledyne Continental Motors Serial No.: 682157	wed for return to service.  Model: IO550B29B Hobbs Time: 8423	s repaired and inspected in according to the second	dance with current regulations of the	
Federal Aviation Administration and is appro Make: Teledyne Continental Motors Serial No.: 682157 Date: 05/19/00	Model: IO550B29B Hobbs Time: 8423 Total Time: 801.0	TSO: 115.4		
Federal Aviation Administration and is appro- Make: Teledyne Continental Motors Serial No.: 682157 Date: 05/19/00 Work Performed: Changed oil and took oil	Model: IO550B29B Hobbs Time: 8423 Total Time: 801.0 sample. Serviced with 12 Qts Aeroshe	TSO: 115.4	P/N CH48109. Cleaned fuel injector	
Federal Aviation Administration and is appro Make: Teledyne Continental Motors Serial No.: 682157 Date: 05/19/00	Model: IO550B29B Hobbs Time: 8423 Total Time: 801.0 sample. Serviced with 12 Qts Aeroshe	TSO: 115.4	P/N CH48109. Cleaned fuel injector	
Federal Aviation Administration and is appro- Make: Teledyne Continental Motors Serial No.: 682157 Date: 05/19/00 Work Performed: Changed oil and took oil nozzles. Compression check #1-74/80, #2-74	Model: IO550B29B Hobbs Time: 8423 Total Time: 801.0 sample. Serviced with 12 Qts Aeroshe 4, #3-78, #4-77, #5-76, #6-78. Ground	TSO: 115.4 Il 100 plus and installed new filter I ran and leak checkedEnd	P/N CH48109. Cleaned fuel injector	
Make: Teledyne Continental Motors Serial No.: 682157 Date: 05/19/00 Work Performed: Changed oil and took oil nozzles. Compression check #1-74/80, #2-74 Signature:	Model: IO550B29B Hobbs Time: 8423 Total Time: 801.0 sample. Serviced with 12 Qts Aeroshe 4, #3-78, #4-77, #5-76, #6-78. Ground Cert. No. ID4R254M Deta	TSO: 115.4	P/N CH48109. Cleaned fuel injector	
Federal Aviation Administration and is appro- Make: Teledyne Continental Motors Serial No.: 682157 Date: 05/19/00 Work Performed: Changed oil and took oil nozzles. Compression check #1-74/80, #2-74	Model: IO550B29B Hobbs Time: 8423 Total Time: 801.0 sample. Serviced with 12 Qts Aeroshe 4, #3-78, #4-77, #5-76, #6-78. Ground Cert. No. ID4R254M Deta	TSO: 115.4 Il 100 plus and installed new filter I ran and leak checkedEnd	P/N CH48109. Cleaned fuel injector	
Make: Teledyne Continental Motors Serial No.: 682157 Date: 05/19/00 Work Performed: Changed oil and took oil nozzles. Compression check #1-74/80, #2-74 Signature:	Model: IO550B29B Hobbs Time: 8423 Total Time: 801.0 sample. Serviced with 12 Qts Aeroshe 4, #3-78, #4-77, #5-76, #6-78. Ground Cert. No. ID4R254M Deta	TSO: 115.4 Il 100 plus and installed new filter I ran and leak checkedEnd	P/N CH48109. Cleaned fuel injector	
Make: Teledyne Continental Motors Serial No.: 682157 Date: 05/19/00 Work Performed: Changed oil and took oil nozzles. Compression check #1-74/80, #2-74 Signature:	Model: IO550B29B Hobbs Time: 8423 Total Time: 801.0 sample. Serviced with 12 Qts Aeroshe 4, #3-78, #4-77, #5-76, #6-78. Ground Cert. No. ID4R254M Deta	TSO: 115.4 Il 100 plus and installed new filter I ran and leak checkedEnd	P/N CH48109. Cleaned fuel injector	

DATE				IME OI ROUN			TIME II AIR	7	TOTAL	TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	NEITHIG TO SOUTHER (1)	SIGNATORE	NUMBER
	I certif					ler ha	s been i	nspected	l in acc	ordance with an annual inspection	n and		
	Make:	Teledy	ne Con	tinent	al Moto	or	Mod	iel: IO 5	550 B291	В			<u> </u>
	Serial	No.: 68					Hobl	bs Time	: 879.8				Lumin
	Date: 1	0/13/20	000				Tota	l Time:	832.9		Time SOH: 147.3		
	98-322	27H. (	Compre	ession	check/	80psi:	#1-66	, #2-68	, #3-68,	#4-67,	craft Bonanza Long Form Inspec #5-68, #6-66. Changed oil and	filter. Serviced	-
*******	98-322 engine Signat	27H. (e) with 12 ure: <u>//</u> /	Compre 2 qt. Ae <i>Jucha</i>	ession eroshe	check/ell W10	80psi: 0 Plus o	#1-66 oil. AI _ Deta	5, #2-68 O notes ails of th	, #3-68, checked his inspec	#4-67, and co	#5-68, #6-66. Changed oil and mplied with through 2000-20	filter. Serviced END	
	98-322 engine Signat	27H. (e) with 12 ure: <u>//</u> /	Compre 2 qt. Ae <i>Jucha</i>	ession eroshe	check/ell W10	80psi: 0 Plus o	#1-66 oil. AI _ Deta	5, #2-68 O notes ails of th	, #3-68, checked his inspec	#4-67, and co	#5-68, #6-66. Changed oil and mplied with through 2000-20	filter. Serviced END	
	98-322 engine Signat	27H. (e) with 12 ure: <u>//</u> /	Compre 2 qt. Ae <i>Jucha</i>	ession eroshe	check/ell W10	80psi: 0 Plus o	#1-66 oil. AI _ Deta	5, #2-68 O notes ails of th	, #3-68, checked his inspec	#4-67, and co	#5-68, #6-66. Changed oil and mplied with through 2000-20	filter. Serviced END	
***************************************	98-322 engine Signat	27H. (e) with 12 ure: <u>//</u> /	Compre 2 qt. Ae <i>Jucha</i>	ession eroshe	check/ell W10	80psi: 0 Plus o	#1-66 oil. AI _ Deta	5, #2-68 O notes ails of th	, #3-68, checked his inspec	#4-67, and co	#5-68, #6-66. Changed oil and mplied with through 2000-20	filter. Serviced END	
	98-322 engine Signat	227H. (e with 1: ure: ///	Compre 2 qt. Ae <i>Jucha</i>	ession eroshe	check/ell W10	80psi: 0 Plus o	#1-66 oil. AI _ Deta	5, #2-68 O notes ails of th	, #3-68, checked his inspec	#4-67, and co	#5-68, #6-66. Changed oil and mplied with through 2000-20	filter. Serviced END	

DATE	R.P.	м.		IME O ROUN		•	TIME II AIR	7	TOTAL	TIME	REPAIRS - ADJUSTMENTS S	SIGNATURE	LICENSI
DAIL	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	MELIANO ADSOSTMENTS	JOHAIONE	NUMBER
							,						,
	The air	craft, a	airframo	e, air	craft e	ngine,	prope	ller, or	applian	ce ide	entified below was repaired and ins	spected in	
	accorda	nce witl	h curre	nt reg	ulation	s of the	Feder	al Aviat	ion Adm	inistra	tion and is approved for return to servi	ice.	
	Make: 7	Teledyn	e Conti	nenta	l Motor	r	Mode	el: IO 55	50 B29B				
	Serial N	•						s Time:					
	Date: 02	2/06/20	01				Total	Time: 8	84.0	,	Time SOH: 198.4		
	run and	leak ch	neck	EN		nd filter	. Ser				t. Aeroshell W100 Plus oil. Complete accomplished is on file under Work O		
*********	Signatu TCM C				Center,	8600 C	7 County				36532 Cert. No. II		
												***************************************	
,													
BROUG	HT FORWA					<u> </u>							
	IOIAL			<u></u>	l	1	L		l	<u> </u>			

DATE	Make: Teledyne Continental Moto Model: IO550B(29) Serial No.: 682157 Date: 09/21/2001	CONTINENTAL A Teledyne Technolog		Hobbs Time: 991.8 Total Time: 944.9 Time SOH: 259.0 Time STOH: 00.0	ENSE viber
	I certify that this airframe, enging determined to be in airworthy conditions.	e, propeller has been inspectalition.	ed in accordance with ar	n annual inspection and was	
	Work Performed: Completed an 98-32227H. Removed all 6 cylind Aircraft, Inc. FAA CRS JUJR300 seals. Installed a new cylinder an and seals. Cleaned, gapped, tested injector nozzles. Installed new air and filter. Serviced engine with 12 a ground operational check leak check signature:	ders. #1, #2, #3, #5, and #6 c. L. Reinstalled these cylinders d valve assembly in #4 position d and rotated spark plugs. Rep conditioner belt and adjusted b 2 qts. of Aeroshell 100 mineral leck, and flight check. ——EN	ylinder valve assemblies with P/N 654716P005 rin with standard a P/N 654 laced #3 lower and #6 up let tension. Installed new loil. AD 2000-08-51 is N/D	were repaired by John Jewell ing sets and new gaskets and 4716 ring set and new gaskets oper spark plug. Cleaned fuel engine air filter. Changed oil	
BROUG	HT FORWARD				,
	TOTALS				

								LICENSE
Make: Teledyne Co	ntinental Moto	rs				Ho	bbs Time: 991.8	NUMBER
Model: IO550B(29)			The second secon	ELEDYNAS		To	tal Time: 944.9	<del></del>
Serial No.: 682157		_			TM NT	Tiı	me SOH: 259.0	
Date: 10/08/2001				ITAL MOTO		Tiı	me STOH: 00.0	<u> </u>
The aircraft, airfra accordance with cur	me, aircraft e	ngine, prop	eller, or appearal Aviation	pliance identif	fied above w	as repaired ar	nd/or inspected in to service.	
accordance with cur	Tent regulation	S Of the Fou	Ciai Aviation	/ Kummisu utre	ar and is appro	7,00 101 1000011		
Work Performed:	Removed #1, #	2, #3, #5 an	d #6 cylinder	rs and installed	l 5 new cylind	er and valve as	semblies with new	
standard ring sets, g		, a .			1 110:	alat ala a alsa	TORTO	
standard ring sets, g	askets and sea	ls. Complete	ed ground rui	n checks, leak	checks and III	gni checks	END	
• • •		is. Complete						
Signature: Wick	Paul C. Si	ndsan	Details of	the work accor	mplished is on	file under Wo	rk Order No. 1313	
Signature: Mcd. TCM Customer Su	Paul C. Si	ndsan	Details of	the work accor	mplished is on	file under Wo		
Signature: Wick	Paul C. Si	ndsan	Details of	the work accor	mplished is on	file under Wo	rk Order No. 1313	
Signature: Wick	Paul C. Si	ndsan	Details of	the work accor	mplished is on	file under Wo	rk Order No. 1313	- 0430
Signature: Wick	Paul C. Si	ndsan	Details of	the work accor	mplished is on	file under Wo	rk Order No. 1313	
Signature: Wick	Paul C. Si	ndsan	Details of	the work accor	mplished is on	file under Wo	rk Order No. 1313 rt. No. ID4R254M	
Signature: Wick	Paul C. Si	ndsan	Details of	the work accor	mplished is on	file under Wo	rk Order No. 1313 t. No. ID4R254M	
Signature: Wick	Paul C. Si	ndsan	Details of	the work accor	mplished is on	file under Wo	rk Order No. 1313 t. No. ID4R254M	
Signature: Wick	Paul C. Si	ndsan	Details of	the work accor	mplished is on	file under Wo	rk Order No. 1313 t. No. ID4R254M	

DATE	R.P.	.м.		ME O ROUN		1	IME II AIR	ν	TOTAL	TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE
2002	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			NUMBER
4 Febo2	4660	77	Do	Bin	310	iL, II	15 TX	offed)	visw!	7,27	on CH-48108 RESEVICES		
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	T56H	-	G	100	da	und i	VOL.	SIBKS	NOZ	8	Sur Collect		
	289.2										ASP1951954		
18 Kel 102	140665	TT	RK	nov.	td S	X 16	7	Cm)	FULL I	v02	ZLUS PN627335D-13B	INSTALLE	/
	1026,2	.979.3	GA	nI	Thez	es I	17	GAD	13B	50	9750 IBW 37CNO, SE	092173	<u> </u>
	TStoff		12	V5/	04101	TON	PADL	risdu	is no	. 11	2-96-00/ (RISVOOKSAZ)	5407.251	996
	293,4		GA	OUR	d	eun	and	no	SHEEL	Ne	Ted 337 Filed This A	กลาย	
				<u> </u>							Smillbud BSB17	5/954	
		TI		<u> </u>					*****				
2 Mios	170065 104810	100/:1	DRA	WE	d oil	INST	all	it pel	wFi	Ton	Cft-48/08 as some out	wiTh	
			AKIN	Sh	WH	15 W.	00	12,70	JESM	alle	to WASHINGTAK, GAOUN	1 Run NI	<u> </u>
	TSTOH	TOT	LIBAI	es n	10 700		m	20	lash	14	1451754		
	315,2	s #											
				ļ						<u> </u>			
	<u> </u>	<u> </u>		<u> </u>		<b></b>				ļ			
BROUG	HT FORW	ARD			<u> </u>	<u> </u>	<u> </u>			<u> </u>			
	TOTAL	<u>_</u> S	<u></u>	<u> </u>		<u> </u>	<u> </u>	<u></u>	<u> </u>	<u> </u>			

DATE	R.P.		- <u>G</u>									ENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.							en programme to the second		Market Control of the		
JUN02	Hobbs	1048.6	Dan	NB	d oi	EN	Test	Led	ملاتلا	FI	Tron CH48105	L' RESISIONI	riff.	
	Tsmoit			1h	ALA	o sh	ULL	150	1500	ル	Took Smift	washe.	Brynn	
	TT	1051.7	Gara	and	aun	, No	2		NOT	<i>. </i>				
						1	سدد	UDK.	R	2011	1951954			
SLOT	SZ HO	165	DAA	NEC	1 oil	, Ins	TOLL	151 N	BNF	11/	L OH 48108	RESERVIC	sowith A	KNO
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	Tomor		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	·					1	00	e de			
MOUOZ									03017	517	4			
, , , , , ,	11481		1. D.18	0/ n	PIST I	415	Pan	KOLO	y. RH					
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	4150	7		PLA	1 0	iah 1					V35-250005	5-57	2.010 25	12
	71		4. Con	20	15 Two				Chuck		23 H2 CO F.	375 340	COC # 5/80	#6/10
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	7701			AL	_	ckid			2:202-	208	EMBLO9.	<u> </u>		
			6 1758	77.6	4/10	7720	12	,,,,,	,		7.			
BROUG	HT FORWA	ARD		Co	NIT	NAT	DA	515						
Branchister on the con-	TOTAL					1	0	7						

DATE	R.P	.M.		IME O			TIME I	N	TOTAL	TIME	REPAIRS - ADJUSTMENTS SIGNATURE	LICENS
2002	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.		NUMBE
****			2 G	000	nd A	ww	Che	CKER	NON	op L	ano Lup K Notes	
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			ļ	ļ	b	en inspe	cted i	n accorda	nce with	1601	la:	
	<b>!</b>			-	-	spection	and	was deter	mined to	be in		
			<u> </u>	-		r worthy ch Time			2 NO.	1101	75moH41516	
					A	& Port	No.	17515		,,,,,		<del>,</del>
								00	lest			
west	Hob63	Ibno	9	Dar	ins	401	L 50	STALL	של מא	SW	CH 48108 FILTER AL SEMICED	,
	75mo		1	w							Took Samples washed Engine	
	77.1	123.1	<u> </u>	GRO				250	Ks px			
			ļ			1	En.	ee fo	a	PH,	151754	
BROUG	HT FORW	ARD										***************************************
	TOTAL	_S	1	<u> </u>		<u> </u>					-	4 1

ss authority different than the airworthiness authority of the country specified in Block 1, it is essential R.P.M. blies from the airworthiness authority of the country specified in Block 1. itute authority to install the part/component/assembly. nance records must contain an installation certification issued in accordance with the national regula-LICENSE GNATURE NUMBER 2003 Ground 19 mon DAGINES OIL INSTALLED NEW CHY8108 FILTER RESERVICED with 12gt AEROSMILL 15W50 TOOK SAMPLY TSMOH Lupshed Engine Chound aun vo Arraks NOTOS 101751954 245chya3 Hobbs Depined of LINGTHED NEW CHYSIOB FINTER RESERVICES with 12 t BEROSHEN 15 W 50 TOUR Somlly, washed Engine Grand ave politicks pater 19301451954 JOANSOS 8 SN697BThis IS AN OVERHAUL TAPAGEN **BROUGHT FORWARD** AJP1751754 TOTALS

DATE	R.P.	м.		IME O			AIR	N 	TOTAL	TIME	REPAIRS – ADJUSTMENTS SIGNATURE	LICENS
<i>D</i> , 1, 2	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.		NUMBE
6 JUM	-04		DAR	wi	101	L IN	6 718	144	wow	CH	48108-1 FILTER RESOURCED	
14084	5/35	4.0	wi	14	1241	BEA	06h	GLL	15W5	00	il Took somple washed	
			ENG	בנימים	BA	bund	My.	U NO	Luck	5 10	5700	
TSM	off 6	11.5	. 0		Fer-	10	Ka	R	BAP1	75/	254	**************************************
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140665	136	7,0	1.Da	ain	v Zd	Oil	In	5/19/1	13d n	KU	1 CH 48/08-1 FILTER RESERV	1611
	OH 6		بس	Zh	129	- 4		best	15M	150	& Took Oit SAMPLE	
1.7	EM) 1.	320.1	8.C.L	101	VEY /	UEF		7	ON S			
757	1.0B	4	3 CL	Isan	pro d			1 -	SPAN	ł.	1095 CH 68 74 79	
	325.	}	460	mil	12/1	180	180	15551	W C1	CA	#1 to 12 to #3 to #4/80	2
			#5	80	\$6-	800			40			
			5, 14	7	hed				Bugin			
				1	L	. /		NEW			TAL CYLINGUR INSTL. & Oct 2001	
			_	1	hisell					94	EFAD LOG.	
			2, 3	100	ry ave	IN NO		EPRS /	107 <i>6</i> 6			
BROUG	HT FORWA	\RD							<u> </u>			
	TOTAL	S									· ·	

cneditied in block 1. her Airworthiness Authority accepts parts/components/assemblies form the Airworthiness Authority to the country the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/ Where the user/installer work in accordance with the national regulation of an Airworthiness Authority different than install the part/component/assembly. DATE 0.924 I certify that this ENGINE been inspected in accordance with 100 HA inspection and was determined to be in air worthy condition. Date 02 NEC 04 Hobbs Tach Time 1367.0 Total Time 1320.1 TSMON 634.5 A& PortANO. 175/75 N TSTOP. 0H 375.2 1381.0 REPLACES ALTERNATON PN 649304 SW. F0393180A 7Feb 15 Ground RUN Chroked normal. TTSmolt 648.5 31 May 05 14 34.0 Danined oil Installed NEWFILTER CHY8 108-1 RESERVICED 15 en 50 AKAU Shull Growns auno no brokes notof 691.5

DATE	10665 Decined Oil Installed New CH 48/08-1 Filter RESERVICED with
30 PU9 05	The same of the sa
	136. 0 Acoshell 15105 Of BAR 195195H
	TO SEE MAN WATER STORY TO THE SECOND STORY TO
	TS MOH GROSSING RENT OF WATCH PRI 6443M4 to FOR

Report Produced By:	Stevens Aviation, Inc. at Stevens Aviation GMU	Address:	7 Airport Road Ext. Greenville, SC 29807		Phone:	864232366
	Airworthiness	Directive	Compliance Record		File ID:	E-2875
USARL Research Date:	09/20/1999				Part # :	
Manufacturer	Model		and the second second		Serial # :	
Teledyne Continental	IO-550-8					1. Facility 2. Cert. Hum.
AO Nigaber Effective date	Description	Complied Date	Status Method of Compliance/Coplicability		Next Due Date Time	2. Cart. Type 4. Author. by
98-01-08 L 01/15/1998	To prevent exhaust roller rocker arm failure, which can result in bent push	12/9/98 732.5 ACTT	Found not applicable in that exhaust roller rocker arms have not been installed.	Once	N	Stevens Aviation GMU     Inspection Authority     IA1567773     GMU Quality Assurance
CATP	CATP	İ	1	CATP	Signature:	
98-09-17 L 04/22/1999	To prevent crankshaft failure due to no. 2 & amp; no. 5 cheek cracks which	10/1/99 803.7 ACTT	Found not applicable by date of engine build.     Sound not applicable in that crank S/N 1279419N was rein- stalled following overhaul.	Recur	N.	Stevens Aviation GMU     Inspection Authority     Inspection Authority     Inspection Authority     GMU Quality Assurance
CATP	CATP			CATP	Signature:	
						Stevens Aviation GMU     Inspection Authority     Inspection Authority     Inspection Authority     GMU Quality Assurance
0	This course des Elites	<del> </del>	PIN	T	Signature:	
## PAPER AIR FILTED 84-26-02 1/29/85	TUDECTION ATE FILTER To prevent possible engine power loss or stoppage caused by engine ingection of fragments of a deteriorated induction air filter.	1 9/19/97	By replacing induction air filter with new	Recur 500 hr	1,075 ACTT	Stevens Aviation GMU     Inspection Authority     IA1567773     GMU Quality Assurance
		1		1	Signature:	
						Stevens Aviation GMU     Inspection Authority     IA1567773     GMU Quality Assurance
	1	1		1	Signature:	
						Stevens Aviation GMU     Inspection Authority     IA1567773     GMU Quality Assurance
l	Į.	1	χ.	1	Signature:	



The Standard

ENGINE LOG

The Standard Engine Log SE-2

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ISBN 1-56027-326-7

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Published by Aviation Supplies & Academics, Inc. 7005 132nd Place SE Newcastle, WA 98059-3153

Printed in Canada



9 781560 273264

anufacturer ConTinuenTa	Model I6 5	50B 29B
erial 682/57	Type Certificate	
	413247	
nis engine is currently installe	od in aircraft: // -/330 2-	

1700 HA

YEAR 206 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
068AN 06	15074			ORDINED OIL INSTALLED NEW CHY8108-/ FIDTEL
			TSMOK	DESERVICED with lagt MENOSHULL 15W50 &
			774.9	Took oil semple.
		T57	of 9/11 2.	CLEANES FUEL INJECTORS & SCREEN
		51	5.6 3	CLEANES & Chucked ALL SPANK PLUGS , 62
			4	Compliated Compression Charles # 160 #2/60
				#37 #464 #570 #16 63
			5	WASHED & CLEANES ENGINE
			1	REINSTALLES BLL PANELS
			7	AD'S CHUEK THAN 05-26 SEX AD LOg.
			8	Ground Ron No LEAK NOTED
				Sagund Rom No Lisk Noted

YEAR 2006 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
				I certify that this <u>Fingine</u> has
				been inspected in accordance with 100 HN
			,	inspection and was determined to be in air worthy condition. Date 66 Sano 6
				Tach Time 150%, y Total Time 1462 5
***************************************				Tach Time 150%, + Total Time 1460.5 TSMO H 1714.
				SundOland
	110665			
majob	1539.4			DRAINED OIL INSTALLED NEW CHY8/08 / FILE.
			Tomolt	OBSERVICED with 13at Borosh BLL 15W50+
			806.9	TOOK DIL SAMPLE, REPLACED #1, #3+#5 EXHAUS
				GASKET & CROSSOUPH GASKET GROUND RUN
			-	NO LISTERS NO TITA
				No Links no tod Short fach 13+8/75/754
manus de la constante de la co				
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YEAR 2006 Date	RECORDING TACH TIME	TODAY: FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
-	1574.4		1495.5	
			<u> </u>	Resumiced with 12 gt BERO Shall 16 WOOd
				Took oit sample, REPLACED A/C BELT
				PN2319395, Gound NUN Chacked powers
				L NO LINKS ROTAL
	HOUS			1-4100
16 07	1605-6		77 1559.7 h	Dening and a series
			TSMOH	DEBINES OIL, INSTALLED NEW FILTER CH 48-108
			873.4	RESERVICED with 12 gt ABRO Short 15 w 50 Took
				OIL SAMPLE
*				CLEBRAS FUEL INJEC TOUS & SCADEN
			3	Climon and L Chareters Alt SPANK PLUGS
			٧.	#3 #4 #60 #5 #6 #6 #6 #1 80
				#3 0 #4 60 #5 to #6 60
			<u> </u>	REMOVED #1 CYLIN JAN FON 1544 AUS 7 FL ANG &
				DAMBOR & Love Complexesion DIMN. Colo
				DAMAGE & Low Companssion O/H By Gibson Adiption les tox Talled with NEW Ding, BANKE & SENS,
				WON AMY GARRES LEAS,

YEAR	DECORPOR			
2007 Date	RECORDING TACH TIME	FLIGHT	TUTAL 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.)
			6	REMOVED & a cyl. For Low Compression
				THE BY CIBSON BUIATION, RESTROTALLES The
			2.	NEW Rings, Cosket & Sopts.
				DEPLOS LAND Short Sout For Lapking.
				REPLACED SEAL PN. 641250 & RESTAGIALLED
			8	REPLACES EXHAUST ON ALL CYLINDERS.
		<del>,  </del>	9	MASHED OF CLEBNED ENGINES
			10	AD'S Charled They 2007-02 SEE AD
				40G.
				RESTRETABLED PANELS & Counting
			/2	CONTROL SEALS NOTED
				Sand & BA 145/1954
l				

HOGGS 1694.2

YEAR 2007 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.)
				I certify that this <u>Eng</u> , <u>NE</u> has
	·			been inspected in accordance with 100 km inspection and was determined to be in
				air worthy condition. Date OGFN 67    July Tach Time   G05   G Total Time   G84 7 TS MOH 873-4  A&PortANG.   195/964
	· · · · · · · · · · · · · · · · · · ·			SuneObach
2mmo7	1614.1		1587.2	REPLACED Day Ainfuml RAYYD CL
			·	SN 126939 In DOVal BAP 145/1954
75407	1665 1664.4		1617.5	Dapined oit, Installed NEW FILTER CH 48108
			75molt 932.2	DESERVICES WITH 1241 HEROSAHL 15 W.50 TOOK
				NO LEAKS NOTED Sullofak
		1		P28/75/754

YEAR 2007 Date	RECORDING Tach Time Mobbs	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
00569607	1694.2	4	1697.6	DABINED OIL, INSTALLED NEW FILTON CHY8 108-1
			TSMOST	Russmiled mith12 gt Auro shell 15 m 50 Gil
			962.3	America Touk Oil somple, washed stying
				Ground AUN NO LENKS NOTED
				Salo Val 1981751754
	·			
1420007	1721.4		1674.3	REPLACES Fund ComPasson Ain Tuber
•			75 MOH	IN. ETI-B-200A
			989.5	Lambolank BH 1751754
			1685.2	
OYDXCO?	178a.1		1600.0	REPLACES FURL FLOW THONSMITTON MOUNT
			TSMOH	BABOKET PN. 102-910060-1
			1000.2	Dago Oil, Installed NOW FILTER CH 48/08-1
				RESERVICED WITH 12gt MERO Shull 15 NO 50
				Oil Took oils ample, washed Engine, Ground
				Our po Lopks NOTOd
				Land Of A BHP1751754

YEAR 2008 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
5 mar 08	1733.9		1689.0 1.	Danin oil to Rullaced Davin Plug oil & Pilton
			1001.7	HAS BEEN changed 1.8 Has Paige RESONVICED
				with 12gt MERO-Shall 15w50
			J	REPLACED OIL DAMIN PLUG. P/N S 6250
			3	Chison & Charled ALL SPANK Plugs.
			.1	0100 8 100 100 100
			5	Completed Compassion chack #1 to Ha to
			,	43 Fo #4 Fo #5 Fo #6 Fo
			6	REPLACED BXhowsT V-Bond Champ. PN 44040375-M
				Lupshed & Chunned Engine
				GROUND RUN CHACK NORMAL + NO LANGES
				NO TES
			9.	RETOIGHT V- BAND Chaml BFTEN GROUND AUM
			<u> </u>	'
		<b> </b>		
		1		
		<del>                                     </del>		

YEAR 2008 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
				2.25.25
				has
				l certify that this ENGINE THAT THE DEED INSPECTED IN ACCORDANCE WITH DENNI L
				1 and was determined to bo
	· · · · · · · · · · · · · · · · · · ·			air worthy condition. Date <u>05 man 0 9</u> air worthy condition. Date <u>05 man 0 9</u> Total Time <u>1687.0</u> 75 mort 1001.7
				Tools Time 1233/1 Total Time
				A&POPERIO
				Sulolak
	Hu665			
100104	1779.9		1133.0	DAGINES OIL INSTALLED NEW FILTER
	TSMOIS	4	047.7	Ch 48/08-1 RESERVICEDENTH 12gt 15W50
				ABNO Shuffoil, Took SAMPLY, WAShen ENGINE
				GROUND RUN NOLERKS NOTED
				San DOPaul At 175/754
	40665			
mas Ol	1819.9		1773,0	DRAINES OIL, INSTALLED NEW FILTER CHESO87
	TSMO	it	1087.7	RUSERVICED WITH 12gt 15 WED BENUSHELL OIL
				Took Somble Sun Week
				H181451454

YEAR 2009 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
3 <i>99110</i> 9	1822.4		17288 1	Completed Compassion Chack # 1 % # 1 % # 1 % # 6 % 0
	TSMOR	109	2	CLEANED & CHECKED ALL SPANK PLU9S
			3	CLERONES ALL FUEL FUEL IN JECTER +
			Li.	AJUSTED TENSION ON Air CONSITIONER BEL
			5	washed & Chuan Ed Engine Ground Checked wommet & NO LEARS NOTED
			7	AD's Chucked Than 09-06 SOU AD Log.
				l certify that this
				inspection and was determined to be in
				air worthy condition. ate <u>0.3 MN 0.9</u> Tach Time /839.44 Fotal Time / 1955.5 Smolt 1098
				A&PONTANO. 195/95 15

YEAR 2 <i>009</i> Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
175409	1856.8		1809.9	DADINED OIL INSTALLED NEW FILTEN CHY8108.1
	TSMOI	باله 11 4	4.6	Took sande washed Engine Ground
				Sendo De LEARS NOTED SENDER NOTED 1254
1 Ducoq	1884.0		1837.(	DARINED OIL FNO TAHED NEW FILTER
	·		75moH	Shall 15w50, Took Smalle, washed
				Landofall For 1951754
or And Po	1907.1			DEBINESOIL, INSTALLED NEW FILTER CH 48/00-1
		186 T3M		RESERVICES with 12 gt HERO Short 15 W50 TOOK SAMPLE
		1174		Compassion chack #1 78 #2 50 #3 45
				# 4 80 # 5 % # 6 % (Con'T)

*										
YEI 200 DA1	YEAR 2010	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)	YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
62.06	DATE	HIVIC	<u> </u>		n 11 142, 41 or low for Low	- Programme				
03/9/1				3	KBILACED #3+# & CYLINGBAS					I certify that this <u>ENGINE</u> has
					Replaced #3 +# 2 cylinders For Low Compassion with overtand cylinders					been inspected in accordance with Jooke
			<del> </del>	<u> </u>	From Gibson Built OVERTHULE SYNTHELLES HLL	_				Inspection and was determined to be in
				-						air worthy condition. Date <u>02 BQR</u> (3
					NB en Grocker & Supls	National Control				Tach Time 1907. 1 Total Time 1860.2 TSmon 1174-9
				4.	REPLACED IF CYLINGER FOST BOURSON	objection and				A&P 971ANO. /74/754
		<del>                                     </del>		5	NBW GREAT & SERES REPLACED #4 CYLINDER PUSH RODSENDES. SUSTRILLED ALL NEW SPARE PLUGS. RHB32E					Sando Park
		-		1	Charles High Twascond Opp Butter					Sund Faul
				1	AD'S Chacked Thru 2010-66					
					AUS CRECUBO VIII	blomayo	1932.7		TTOO	DRAINED OIL INSTALLED NEW FILTER CHY8/08-1
					RESTROTTOLLED PONELS & Cont	Parameter Parame		1	1882.0	Diesmanted with 12 + AFRO-Shall 15 1.150
					9 WASHED & CLEWARD ENGINE	commission of the second			Tom old	DRAINED OIL, INSTALLAND NEW FILTER CHY8/08-1  RESERVICED WITH 12 AT HERO-Shull IS WSD  TOOK SAMPLY, WASHED ENGINE, GROUND  RUN NO LEAKS NOTED  Same Do Parks NoteD
					o Ground RUN Chroked NORMAL				12005	1001 SAMOLA, WASHING ENGINE, GROUND
			_		NOLUNKS NOTED	4			1200.5	RUN NO LERKS NOTED
					NOPPRIS	_			T. T.	Same O Yank 1940/75/754
									***************************************	
							<u> </u>			

YEAR SOLO DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE TSWOH	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
120d 10	1481.7		1250.1	DARIN OIL SNOTPHED NEW FILTER CH 48108-1
			TT	GESERVICED with 12 of ABROSHULL 15 WSO OFF
			•	Took sambles washed singres Ground Run
				No Luaks No Tod
				La lo Park Ax81751754
	Hobbs		TSMOH	DRAIN OIL FISTALLED NBWFILTER CHY8/0
05BBR11	2011.0		1278.8	
M				RESERVICES WITH 12gyt ABROSHOH 15W 500il
				Took Somple wasted to give Grown Rown
			lel.	LEAKS NOTED Sund Polly51954
1	30 10 0		Tomott	Completed Compassion Chack # by +250
11may 11	2017.0		1384.81	1300 # 460 # 560 #660
			T.T.	
			<u> </u>	Chron + Chacked SPAR Plugs
				CLEON PUED INTRE TON & PUEL SCREENS
			<u>y.</u>	AD-10-11-04 NIB NO HYDRAUTIC VIELVE LIPTER
				INSTA. APTEN 19 JUNY 09

YEAR 2011 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
1/may 11	2017.0		1470.1	5. AD Chucked Than 2011-08 See AD Log.
			TrmoH	6. WASHED & CLEANED ENGINE
			1284.8	4. REJNSTALLED ALL FANALS.
				8. GROUND RUN CHECKED NORMAL & NO
				LIENKS NOTED
11 may 11	2017.0		1976.1	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
-			TSMOH	IN ACCORDANCE WITH ANNUAL INSPECTION AND
			1284.8	WAS DETERMINED TOBE IN UN AIR WONTHY
				Condition. 11 may 2011 Holds Time 2017.0
				TOTALTIME \$970.1 TSMOH 1284.8
				Sant Ofach IB 175 1754
11 mpy 11	2017.0		1470.1	PROVIDED FON THE BILCHOPT OWNER.
			TSMOH	PROVIDED FOR THE BIRCHAFT OWNER.
			1284-8	Sample Hall IA 175175 4

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of
DATE	TIME		SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
120/11	2020.9		1974	KEMOVED BYINE FOR MATOROWERMON
<i>(C-)-</i> (				KEMOVED BYSINE FOR MAGOROWERMAN
				1
				4
				Ta .
		<u> </u>		

	RECORDING TACH TIME	TODAY'S FLIGHT	TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of					
DATE	IIME		SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)					
-									
	**			Tunica Air Group  80 Winchester Road Hangar 4  Memphis, TN 38118  6-9707 (office) (901) 396-9708 (fax)  877-359-8241					
	N1230Z		S/N:E-287						
11				94100305 installed new magneto PN 6310 SN 10110545.					
Rei	moved right n	nagneto	PN 6310 SI	N 94100304 installed new magneto PN 6310 SN 10110546 in					
ref	to IO 550 LM	IM 12-3. (	Ops and lea	ak check okay at this timeEND Maintenance Release					
		The worl	k identified a	above was performed and inspected in accordance					
i i				Aviation Regulations and was found airworthy for					
		with Cull	return to service. Pertinent details are on file under work order: MEM99						
		return to Hobbs:20	service. Pert						
		return to Hobbs:20 Signed:	service. Pert	tinent details are on file under <u>work order</u> :MEM99					

THE AIRCRAFT MAINTENANCE MAINTENANCE RECORD SYSTEM

ENGINE MAINTENANCE RECORDS



## **ENGINE MAINTENANCE RECORDS**

	Log No
Aircraft Registration No. <u>11230Z</u>	
Engine Manufacturer	
Model <u> </u>	
Serial No. <u>682157</u>	
Date installed on aircraft	·
Time Between Overhauls (TBO) 1700 Hours	
If used on multi-engine aircraft:	
□ Right □ Left	

□ Rear



☐ Front

(All applicable information must be filled in)

P.O. Box 1359 / Southold, NY 11971-0965 (631) 765-9375 1-800-235-6444 FAX: (631) 765-9359

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POWERMASTER AIRCRAFT ENGINES

9027 S. Airport Way Jones/Riverside Airport K Tulsa OK 74132 — 918-299-0269 FAA CRS # P46R287Y —

#### **Engine Overhaul Record**

Engine Make: Continental Model: IO-550B

**Serial Number:** 682157 **PAE Work Order # 110719-1** 

Date of Overhaul: 7-19-2011 Total Time: 1974.0 TSMOH-"0"

This entry certifies that this engine has been overhauled to manufacturers new part tolerances. This engine was disassembled, cleaned, inspected, overhauled and tested in accordance with TCM manual # X30568A. New parts count exceeds that set forth in TCM Service Bulletin 97-6, Mandatory Replacement Parts. All AD's have been complied with.

The following accessories were overhauled and installed on this engine at the time of overhaul:

Component	Part Number	Serial Number
LH Magneto:	10-349350-4	F11CA100R
RH Magneto:	10-349350-5	F11AA217R
Fuel Pump:	FT-B8.5/1-632818-2-11	151
Fuel Controller:	FT-B8.5/1-442	J199415A
Manifold Valve:	646508-6A-10M	J189412C
Oil Cooler:	635996	DRK115347
Starter:	646275-1	H-L051466
Vacuum Pump:	AA3216CW	N55656
Turbocharger:	406610-9029	ner00108
Wastegate:	470908-9011	j10204
APC:	470688-9005	AKN10104
PRV:	470930-9004	GJ000446
Prop Governor:	C290D3K/T23	930826
Alternator:	649304R	F039318.0R
Alt Drive Coupling:	646655	DRK111293
Standby Generator:	EM8007	1536
Vacuum Pump:	AA3216CW	15101-20
l		

Engine utilizes specialized components for Tornado Alley Turbo System. Service accordingly.

ECI Titan Nickel Cylinders installed: SN-77020-02, 77020-06, 76593-21, 76981-23, 76626-02, 77020-12. Hydraulic Lifter Assemblies, PN-628488 (6) & PN-653877 (6) installed.

The engine and accessories identified above were inspected and overhauled in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Details of this overhaul are on file at this repair station under Work Order # 110719-1

Signature

William R. Conningham FAA CRS #P46R287Y

	SOD-TOTALS trils page
	TOTALS-Carry forward to next page

DATE	TIME	TIME	RECORDIN
	IN	SINCE	METER
	SERVICE	OVERHAUL	TIME
Allegania de la constitución de la			***************************************

TOTAL

TOTAL

DESCRIPTION OF WORK PERFORMED—SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

# POWERMASTER AIRCRAFT ENGINES

9027 S. Airport Way Jones/Riverside Airport Tulsa OK 74132 918-299-0269 FAA CRS # P46R287Y

#### **Engine Installation Log Entry**

 Date:
 7-19-2011

 N1230Z
 SN: E-2875

 IO-550B-TN
 SN: 682157

 Hobbs Time
 2020.9

 TT-AF and Engine
 2020.9

 TSMOH
 "0"

Installed engine after major overhaul per Beech Maintenance Manual and Tornado Alley Turbo Installation Instructions.

Made all necessary connections and rigged controls. During installation the following new parts were installed: 4 each J-10520 Lord engine mounts.

Engine fuel and oil pressure hoses.

Replaced all TAT intake ducts.

Installed exhaust system after overhaul by Tornado Alley Turbo on WO#27959.

Installed propeller after overhaul by Fosters Propeller Service on WO#6943.

Installed new left and right prop de-ice brush set, PN-C-40256-1 & -2.

Cleaned and pressure tested intercooler.

Installed 3 each new JPI EGT probes.

Serviced engine with 10 QTS Phillips 20W50 oil.

Engine test ran and leak checked.

Set turbo controller and fuel system pet Tornado Alley Turbo specifications.

Installed owling.

William R. Cunningham AP441723808IA

 Date:
 7-19-2011

 N1230Z
 SN-2875

 IO-550B
 SN-682157

 Hobbs Time
 2020.9

Performed compression test after overhaul to satisfy the discrepancy list provided 05-11-2011 on N1230Z. 1-78/80, 2-79/8-, 3-79/80, 4-78/80, 5-79/80, 6-79/80.

Aircraft is now airworth per its annual inspection on 05-11-2011.

William R. Cunningham AP441723808IA

JUD-TUTALS trils page

**TOTALS-**Carry forward to next page

ATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
		1	I	ı
				MONTGOMERY AVIATION REPAIR STATION #EA4R147M
				ENGINE 9-Aug-11 HOBBS 2041.3 WO# M16756
				BEECH A36 N 1230Z S/N: E2875
				REMOVED TURBO CONTROLLER. P/N 470688-0005, S/N KFN00180. INSTALLED OVERHAULED TURBO CONTROLLER
				P/N 470888-9005, S/N NIO00111. #5 CYLINDER FUEL NOZZLE LEAKING; REMOVED, CLEANED, INSPECTED WITH MAGNIFIER - NOO DEFECTS NOTED; INSTALLED NEW O-
				RINGS, P/N 630979-9 (2 ea); REINSTALLED & TORQUED NOZZLE. LEAK & OPS CHECKS C/W; NO DEFECTS
				DETECTED
				spliance identified above was repaired and in-
PRINTERS				spected in accordance with current Regulations of
	<del>/</del>			the Federal Aviation Agency and is approved for re-
	***************************************			"Pertinent details of the repair ere on file at this / / / /
				repair station under Order No. 16156 Data 6/01/1
				Signed Story to
				(signature of authorized representative)
				Montgomery Aviation Corporation & AAR 147M
				O. Box 92, Montgomery, Alabama."
		-		
- Anna Anna Anna Anna Anna Anna Anna Ann		and the second		
			<u> </u>	
				MONTGOMERY AVIATION REPAIR STATION #EA4R147M AIRFRAME
TO A STATE OF THE			9-A	ug-11 HOBBS 2041.3 WO# M16755 HOBBS
			DRAIN	CHA36 N 1230Z S/N: E2875 ED OIL, REMOVED, CUT OPEN, & INSPECTED OIL
			OIL FIL	R; NO METAL DETECTED. INSTALLED & SAFETIED NEW LTER. P/N ES48109-1. SERVICED WITH 12 QUARTS
				PS 66 20W50XC OIL LEAK & OPS CHECK C/W: NO CTS NOTED.
			<b>N</b> The s	nircraft, airframe, circraft engine, propeller,
			es appl	lance identified above was repaired and in-
				I in accordance with current Regulations of Jeral Aviation Agency and is approved for to-
			turn to	servico.
				ent details of the repair are on file at the tation under Order No. 1645 Date 8/07///
				Coccon whose care registration of the coccon whose care registration o
			Signed	(signature of authorized representative)
			## <b>#</b> • -	
				mery Aviation Corporation - AAE 147/M certificate no.
			8. O. B	Dox 92, Montgomery, Alabama,"
	<del>4.1</del>			
***************************************	***************************************			
		m sacopa de la companya de la compan		
		•	1	1

TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
NOV ][	2026.0	52.0	H=645 2072.9	Darsined Oil INSTALLED NEW FILTER CHY8/09-1
				RUSENVICED with 12gt Phillips 66 JONSOXC
				DIL TOOK SAMBLE WAShed Engine Ground RUN
				NO LOOKS NOTES.
				ADDOIT-25-51 NA BY ENSINK MOSEL &
				Apof STANTON ASARTUN ASSY.
				TOLNADO ALLEY TURBO. SB C/W COMBOT
				Slank PLugs Installed
				Same O Pank 1950 175 1754
omall	2074.7	100.7	2121.6	DARINES SIL INGTALLED NEW PILTER
				CH48109-1 RESERVICED WITH 126+ Phillips
				20W50XC OIL TOOK SAMPLE, GROUND
				RUN NO LUNKS NOTED.
				Saul Raul BS8 1951754
4×104 12	2090.6	116.6	2/37.5 1	DRAINED OIL INSTALLED NEW FILTER CH 48/09-
				RESERVICED with 129t Phillies 20W50xcoil
				Took Samples,
			2.	CLEBON & Checked ALL SPANK PLUJ.
			3	CLEBNED FUEL INJECTON CONTROL SCREEN
				CLEMNES ALL FUEL FUEL FORS
			5	Comple Ted Combression Charle # 1 70 #2 78
				#3 60 #4 80 #5 80 # 18
			6	washed & Cheon Engine
·····			7	Gooved Run & NO LEAKS NOTED
		•	8	<b>A</b> .
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				I certify that this <u>Fugnis</u> has
				been inspected in actordance with loo lin
				inspection and was determined to be in air worthy condition. Date 24 may 2012
				Tach Time 2/31.5 Total Time 5/m/6/4. 116.6
				A&PorlANo. 1751754
	***************************************			Sumle Vark
105B0712		143.0	2165.9	DAMINED OIL INSTALLED NEW FILTER
				CH48/09-1RESERVICED with 12gt Phillip
				20 W 50 XC Oil TOOK SAMPLE, GROUND
				RUN NO LEAKS NOTED
			·	Samlo Park 175 1754
Jomen 13		180.7	2203.6	DROINOIL ENSTAFFED NEW FILTER
		7 00.7		CH48/09-1 Rusuniendwith 12t Phillip
,			~	20wsoxc oil Took Small & Ground for
				Notinks wolld
14Jow/3	2182.0	208.0	2228.4	1. Dagin oit protothed NEW FILTER CHY8 109-1
				assured with 120 thillies dows xcoil
				Took Smiles
				2. Chapm & Chucked BLL SPARK PLug.
				3. Chretist Engine To magnisto Timing,
				4. Changed full In Sector Contrat Screen
				5 CHEANED ALL FUEL INJECTORS
				6. Completed Compassion Chrek #1 80
				* 260 #3 80 #4 80 #5 40 # 6 80
				7. AD'S Chucked The Wood-10 SEE AD Log
ļ		<u> </u>	<u> </u>	SUB-TOTALS this page
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	T	T		. ago
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
, and the second				9. WASHED BOTTOMSIJE OF ENGINE
				9. Ground Run Checket Normal & NOLUMES
				NOTES
ı				l certify that this <u>ENGINAL</u> has been inspected in accordance with 100 Ha
				inspection and was determined to be in
				air worthy condition. Date 14 Junt 13
				air worthy condition. Date /45 onts /3  Tach Time 2228,9 Total Time 1/82.6 75 most 208.0
				A&PORTANO. 125/254
				John Co Van
010#13	2204.9	230.9	2251,6	
				OIL. Took Sports, Grund Aun wohunks
				Oil. Took Sports, Grand Aun NoLunks
				noted Saul Bank A20195)754
21mm H	2231.0	257.0		DAMINED OIL INSTALLED NEWFILTERCHY8/09-1
				RESERVICED With 12fthillilx C201150
				OIL TOOK SAMPLEGROUND RUNNOLOUKS
				noted Sambolable Bd 1751754
っ ナ ル	20.50 2	nor 2	02-6 2	
2 JUN/4	dd07,3	285.3	8506.L	1. DARINED OIL INSTALLED NEW FILTER CHY8/09-1
·				PLESENICUSWITH 129 Phillipx Caousooil
				TOOKS Sports
				3. CLUANED & Phrelled pll SPANRPLUSS SUB-TOTALS this page (Con'T)
				SUB-TOTALS this page (Con'T)
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				4. ChibN PUBLINGTO MAGNETO TIMING
	***************************************			4. Chibn Publin Jucton Fubl Scappe
				5. CLEANED BH FUSH IN Sections
				6. Com PLETED Com Prossion Chack # 178 #250 3 50 # + 17 # 5 76 #6 80
				7. ABPAINED AINBAFFLE TO 1 RIGHT SIDE OF ENGINE
				9. WASHING ENGINE
				9. LUBBO ENGINE CONTROLS
	·			10. AD'S Chacked The SEAD Log.
				11. TEMPORARY REPAIRED AIR INLET TUBE
				12. Ground our no LEAKS no TED
				I certify that this Finging has been inspected in accordance with Joolffen
				inspection and was determined to be in
				Tach Time 2306.2 Total Time 2359.3 Temo H 285.3
				Sembolash
] 3 Step 7 14	2285. <u>3</u>	311.2	9332.2	DABINED OIL INSTALLED NEW FILTER CH 48109
				RESURVICED with last Phillies x C 20w50 oil
				Took Oil SAMPLE REPLACED BGT PROBES
	MANAAA			#3 CYLINDER ON GEN 2870 GROUND RUN NO
				LEAKS NOTED
				San DOYanh \$30 175 1954
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
10 FeV 15	2307.4	333.4	2354.3	Dusined oil, INSTALLED NEWFILTER CH 48 109-1
***************************************				RESERVICED with 12gt Philliexc 20w 500il
				Took Smills, Ground our no Looks wold
				Saml Black 1948 1951954
	TN. Pru	moved 5TA1181 2p. 1 2am 1/2015 No 66	PROP NEW Engues when lealis work	* REPLACED C/S SEAL 641250.  ** REPLACED C/S SEAL 641250.  O-RING A 1633-3 & REINSTALLED  !. RAN UP, NO LEAK NOTED  PONCE A & P 3061232  Flight after 2nd install of US Sool all systems operative of hrs - Slow flight climbs, descends all Approvid on aircraft synamks - ok of fly, sher 2120142 flillanelance
1770615	2779 U	365.4	13863	DRAINED OIL INSTALLED NEW FILTER CH48/09-1
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-000197		20,00	RESERVICIST SwiTh 12gt Phillips XC 20 w 500il
				Took oil SmiPLE.
				2. CLEANED & Checked ALL SPANK PLUGS
				3. Completed Compassion check #1 80
				#2 % #3 18 #4 % #5 #5 % #6 H6 %
				4. Chacked Engine Tomagne To Timing
				5 CLEAN FUEL ENSECTOR FUEL SCREEN
*				SUB-TOTALS this page (Con'T)
				TOTALS-Carry forward to next page

DATE 2015	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	2339.4	365.4	2386.3	TOTALS brought forward from previous page
	·			6. CLERNES ALL FUEL IN JECTORS
				7. LUASHED ENGINE
				8. LUBED ENGINE CONTROLS
				9. REPLACES ENGINE OIL TEMP. BULL MS 28634-
				10. ADIS CHECKED THE 2015-12 SEX HAD LOG.
				11 Ground Run NOLLARES NOTES
				I certify that this Engines has
				been inspected in accordance with 100 Hr.
*****				inspection and was determined to be in air worthy condition. Date 1950by 15
	4			Tach Time 238%, 3 Total Time 2339, 4 Tsmoh 365.4
				A&PerlANO. 1751754
				Samell Care
19/00/6	2361.3	387.3	2408.2	DAIRN OIL INSTALLED NEW FILTER CH 46109-1
				RESERVICED WITH 12gt PhilliPSXC20W5001
				TOOK SAMPLE, REPLACED EXHAUST CLAMB.
				PN. 00624 - 44 04 C 375 M To Compty with
				PN.00614-4404C375MTO COMPLY with ADOI-08-08 NEXT REGINCEMENT DUE NT
				2808.2 ACFT. Has. Ground RUN NO Looks
				No Tod Samle Gal 198 195 4
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				599 Date: 8-9-2016
N12	230Z SN:E-2	875 Tach:N	IA HM:2448.	.7 TTAF:2448.7 Engine SN: 682157 SMOH: 427.8 Propeller SN:
				e. Compression check as follows: CYL. 1- 80/75, 2- 80/76, 3- 80/76,
4- 8	30/75, 5- 80,	/77, and 6-	80/76. Remo	oved and replaced sparkplugs. Removed, cleaned, and reinstalled,
with —— met	n new seals,	, fuel injecto	ors. Remove	d and drained oil and oil filter. Cut open and inspect oil filter, no
No	leaks noted	. Replaced	several leak	Phillips X/C 20W 50 oil. Leak checked intake and exhaust system. ing rocker box gaskets. Inspected entire exhaust system for leaks
all c	hecked sati	isfactory. I	certify that t	his engine has been inspected IAW an Annual inspection and is
		be in airwo ein A&P356	•	on at this timeendend
	- Doennie	HII AQPSSO	1812 IA:	
***************************************				
173		••••		
Fe	bruary 23,	2017 N123	0Z Hobbs:	2476.8
ma	Performed en	ngine run and ved LH Magr	magneto checl	k with excessive magneto drop on right hand 349350-4) (S/N: F11CA100R) and RH Magneto
(P/	'N: 10-349350	)-5) (S/N: F11	144217R) for 5	500 Hour Inspection and repair. Inspections and
32.	3 and KES17(	02-324. Reins	talled magneto	y Systems see 8130-3 ref. Work Orders KES1702- os with new Gaskets (P/N: 649954). Timed
ma	gnetos, reinst	alled #1 cylin	der spark plug	s and leads. Performed engine run, operational and at this time. All maintenance performed in
acc	cordance with	the manufact	urers' mainten	ance manual and the AC 43.13. This <b>ENGINE</b> is
EN	ind to be in an I <b>D</b>	airworthy co	ndition, and is	approved for return to service for work performed.
***************************************				1/4/1/-
-				Matthew Winningham
				AP3771888
THE OF THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND AD				Box Aviation, Inc.
			ſ	
Au	gust 22, 201	7 N1230Z I	Hobbs: 2520.1	1
1. 2.	Cut open and	drained oil and I inspected filte	r with no defect	s noted.
3. 4.	Replaced Oil Serviced with	l <b>Filter</b> with ne	w Tempest (P/N hillips 66 (P/N:	f: AA48109). 20W-50)
Le	ak checks perfe	ormed with no	defects noted at	this time. All maintenance performed in accordance with AC 43.13. I certify this ENGINE was found to be in an
airv	vorthy condition	n and is approv	ed for return to	service for the work performed. END
				Note thin
				Matthew P Winningham AP 3771888
				Box Aviation, Inc.
		a resider		
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age No											
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORM	MING WORK						
				TOTALS brought forward from previous page							
	January 19, 2018 N1230Z S/N: E-2875										
	2 4 ti	<ol> <li>Cut open as</li> <li>Replaced C</li> <li>Serviced w</li> <li>Leak checks per</li> <li>he manufacturer</li> </ol>	nd inspected filte il Filter with ne ith 11 quarts of I formed with no 's maintenance r	d removed filter. er with no defects noted. ew Tempest (P/N: AA48109). Phillips 66 (P/N: 20W-50). defects noted at this time. All maintenance performed in accordance with manual and the AC 43.13. I certify this ENGINE was found to be in an eved for return to service for the work performed. END  Matthew P Winningham  AP 3771888  Box Aviation, Inc.							
	THE REAL PROPERTY OF THE PROPE			Dox Aviation, Inc.							
		 	N1230Z S/N:	E-2875 Tach: 161.3 Hobbs: 187.6							
	4 ti	<ul> <li>Cut open at</li> <li>Replaced O</li> <li>Serviced w</li> <li>Leak checks per</li> <li>he manufacturer</li> </ul>	nd inspected filted bil Filter with no ith 11 quarts of ith formed with no ith manner it manner	d removed filter. er with no defects noted. ew Tempest (P/N: AA48109). Phillips 66 (P/N: 20W-50). defects noted at this time. All maintenance performed in accordance with manual and the AC 43.13. I certify this ENGINE was found to be in an ved for return to service for the work performed. END  Michael Sullivan  AP 3103992  Box Aviation, Inc							
		Continental I Complied wit 43 appendix D. 1. Ran engin Filter with 2. Serviced I 3. Performed 79/80, #6 4. Replaced inspected, 5. Verified E Ran engine, op with. Logbook I	O-520-B (29) th Annual Inspector, drained enging new Tempest (Congine Oil with compression chapter of the Compression chapter of	11 quarts of Phillips 66 X/C (P/N: 20W50). hecks, Orifice of the Day 68/80. #1 78/80, #2 78/80, #3 77/80, # 4 76/80, #5  Spark Plug with new Tempest (P/N: URHB32E). Removed, cleaned, installed remaining Spark Plugs.							
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		,		Page No
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
	Septem	ber 4, 2018	N1230Z S/N	: E-2875 Hobbs: 2577.9
	1. Rep	olaced #6 Cylin	der EGT Probe	with new JPI EDM Option (P/N: M-111).
	with the r	nanufacturer's	maintenance ma	defects noted at this time. All maintenance performed in accordance anual and the AC 43.13. I certify this AIRFRAME was found to be and for return to service for the work performed. END  Michael Sullivan  AP3103992  Box Aviation, Inc.
	· ;	ı		
	March	26, 2019 Ni	230Z Hobbs	s: 2605.5 Tach: 2686.0
	2. Cut of a service of the manufacture of the cut of th	pen and inspectaced Oil Filter ced with 11 quecks performed vecturer's mainte	arts of Phillips 6 with no defects renance manual a	
			E 1	Dox Ivincion, Inc.
	— May 14, 2	019 N1230Z	Tach: 2290.2	Hobbs: 2610.7
	on	logbook researe	ch.	ance with the manufacturer's maintenance manual and the AC
	43.13. I	certify this AII		found to be in an airworthy condition and is approved for return
				Matthew Winningham AP3771888 Box Aviation, Inc.
			1	
				SUB-TOTALS this page
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	<	
				TOTALS brought forward from previous page		
	September 1'	7, 2019 N123(	OZ SN: E-2875	5 Tach: 2304.9 Hobbs: 2627.7		
	2. Remo	ved Pilot/Copile	ot Seats and Car	g Gear Relay TVS Diodes with new (P/N: 1.5KE51CA).  Ty Through Support Cover to facilitate other maintenance.  Ille landing gear extensions and retractions.		
***************************************	. accordance	with the manufa	acturer's mainte	refects noted at this time. All maintenance performed in nance manual and the AC 43.13. I certify this AIRFRAME approved for return to service for the work performed.		
	•			1/2- Win		
				Matthew Winningham AP3771888		
				Box Aviation, Inc.		
			+			
Columbu	s Aero Servic	। e 706-573-56	    99 10-24-2019	) Wo: J-410 – Engine		
N1230Z	N: E2875 Tac	ch: 2308.4 HN	1: 2625.5 AFTT	: 2625.5 Engine SN: 682157 SMOH: 604 6 Propeller SN: 940932 SMOH, 604 6		
man chigi	e benonie	a compression	1 test 1=80//5	2=80/72 3=80/75 4=80/73 5=80/75 6=80/72. Removed, cleaned, gapped and v gaskets and anti-seize. Cleaned plug lead insulators and secured leads.	<u>.</u>	
CHECKEU	mag ummg.	prained engir	ne oil. Remove	ed oil filter, cut and inspected. No foreign material poted at this time		
Sei viceu	with to drau	ts of Phillips 2	:0W50XC oil ar	nd one new oil filter AA48108. Inspected intake system and exhaust system		
Washed	engine perfor	med run leak	or mounts and check satisfac	d engine baffling. Lubed all engine controls and performed travel checks.  tory. I certify that this engine has been inspected IAW an Annual inspection		_
and is de	reminied to t	e in airworth	y condition at	this time.		
1) Replace	ed cylinder ro ed hoost and	ocker covers #	‡3, 5, & 6 with / Tarnada Alla	new PN: 655528 gaskets.		
3) Replac	ed all fuel no:	zzle steel was	hers with new	y Turbo MM 35-6460001 continued airworthiness Rev. A. No issues noted.		
4) Installe	d new Donal	dson P13762	7 engine air filt	ter.		
5) Remov	ed, cleaned, : ed alternator	and re-installe	ed fuel nozzles	with all new seals and washers."		
4.1.4. No	issues noted.	Re-installed	alternator and	pection. Performed drive hub inspection IAW Continental MM M-0 Section 10- torqued per MM. Operational check satisfactory.	<del></del>	
Jack Thor	nton A&P 34(	07586 IA:	Put A		****	
			-			
***************************************						
Without the same of						
Colu	mbus Aero	Service 706-	-573-5699 12	-2-2019 wo: K-414 – Engine		
NIZ	302 SN: E28	75 Tach: 23:	16.3 Hour Me	eter: 2631.3 Engine SN: 682157 Propollor SN: 040022		
مراد	area brob 8	overnor to II	ncrease RPM	<b>ᡮ</b> 0 2600		
Stev	en Brandon	A&P 379504	41 IA :	The state of the s		
				SUB-TOTALS this page		

		Authori	Civil Aviation by Country: Lted States			D RELEAS				racking Number: 6198556	as (program-ga-modeles)
	TOTAL	4. Oranization Name and Address:  Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215  S. Work Order Centract Invoice Number: 3 3131139								Page No	
DATE	TIME IN SERVICE	6.liem: 50	7. Description:	1 Cessna E	Blvd, V	Vichita, KS 67		10. Sorial Number:	<u> </u>	11. Status/Work:	RMED— PERFORMING WORK
		12. Remarks:	TIVAN			IZED RELEAS			· · · · · · · · · · · · · · · · · · ·	New	Martin and MARQUEST
:			,			PO#: :	3828				The state of the s
		⊠ Appro	wed design data and	hove were manufactured are in a condition for saf specified in Block 12.		ity to: 14s.	14 CFR CLOR Cartifies flot union 11 and described to Cod. of Foreral II	chara de Berrico   ] Chi se officiales a polifical as in block   1 Page accompli- cipales appears   2 and a in the appears.	no regulation Block 12, the shed in secon	specified in Place 12 word identified in Place dance with Title 14 1 word the term are	
		13b. Authorize	ed Signature:	specifica in rance 12.		13c. Approval Authoriza	approved for rous tion No.: 146	Authorized Egyettes		scort/Cartiflate No.	
		13d. Name (T	Jus Liter oped or Printed):			PC4  13e. Date (dd-mmm-yyyy		Name (Type) or Printe	O 14c Das	e (dd:summ/syyy)	
			FER FISHE			04/Jun/20 User/Installer Respondes not automatically con	ısibilitics				
		Where the user in Block 1, it is country specifi	r installer performs v s essential that the us ied in Block 1.	vork in accordance with t ser installer ensures that b	he national its her airwi	regulations of an airworth orthiness authority accept	niness authority dit s aircraft engine(s)	Nevent than the airworthin propeller(s) article(s) for	ness authority on the airwort	of the country specified thiness authority of the	
		Statements in laccordance with FAA Form 813	h the national regula	to not constitute installati	on certifica r before the	tion. In all cases, aircraft aircraft may be flown.	maintenance recor	ds must contain an instai		ntion issued in NSN: 0052-00-012-9005	
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		Superior A	TOTAL			T	extron A	viation Inc. (Po viation Inc. Vichita, KS	151		3131139			
3		Superior A		6 Hem 50	7 Description	ANSZORB	8 Part Number	r	9. Quantity:	16 Serial Number:	11. Status. V	Work	ton, NC 27292	BK
1		Make: BEE0 Date: 04/10		12 Remarks:	IKA	ANSZORB	1.5	KE51CA	5	N/A	Ne	w	g. No.: N1230Z	
		Engine Log	20				AUTHOR	IZED RELE	ASE DOC	UMENT			n Time: 2330.60	
				Da Contilios	PO#: 3828 S/N: 682157									
	-Adjusted idle RPM t				134 Certifies the stans identified above were manufactured in conformity to.  2 Approved design data and are in accordance for safe operation.  3 Approved design data and are in accordance for safe operation.  4 If I CER O 9 Return in Service.    Corrified first unless reflected specified in Block 12 is de-most identified in Block  1 and descarately followed.    1 and descarately followed.    1 and descarately followed in second control to the 4.  Cox. of Factorial Regulations, part 3 and in respect to Bask way, for team are  2 and papermed for return to newton.								SOH: 621.2	
		I cortify this		13b Authoriza		m data specified in Block	12	De Approval Auth	Cod. of Fact approved for orization No	craf Regulations, part 43 and a recurr to pervice. 2	1 respect to that work, the ser			
		I certify this performed.	engine is	Lumy	Ju Lin	<b>L</b>		PC				12,702	vork	
					FER FIS			13e Date (dd nimm		14d Plathe (Typed or Printe	d): 14c, Date (ski wmm/y)	777		
			<u> </u>					User/Installer Re	sponsibilities	Horas Vienning	Sand Sand	and the		
		· · ·		Where the use in Block 1 it	r installer perf	that the existence of this forms work in accordance it the user installer ensure	s document alone se with the nation es that his her air	does not automaticall al regulations of an au worthings authority	ly constitute authors	rity to install the sircraft enginerity different than the sirveorth; gine(s) propeller(s) sritele(s) fr	to propeller article mass authority of the country	specified		
- )				Statements in accordance w	Blocks 13g and ith the national	nd 14a do not constitute is d regulations by the user	installation vertific	cation. In all cases, an	rcraft maintenance	e records must contain an insta	om the airworthmess authori llation certification issued in	ty of the		
				EAA Form 81	130-3 (02-14)		maner before to	ne auctant may be not	An.		NSN 0052-00		_	
									and the second					
		5-8-2020	Hol	335	= 26	79.7	665	7 = 5m	NOH!					
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				MIN						TALLED			EMPEST AAL	18109
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				£H=										
			R	EPLAC	CED	#4	CHT	PR	BE	WITH	JPI	Pla	10-18500	
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		DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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				A2	700 7127	FLYTEX AVIATION, LLC Seminole TX 79360
	7	N1230Z 10	-19-21 Tach			
		Performed	annual insp	ection on e	ngine. Perfo	rmed compression check #1/78 #2/69 #3/76 #4/79 #5/75 #6/69.
	4	Removed a	and replaced	d spark plug	s P/N RHB32	2E. Inspected and timed mags. Installed new air filter. Drained engine oil lefects noted. Serviced with Phillips 20W-50 oil and new oil filter
		CH48109-2	. Replaced p	oushrod sea	ls on cylinde	er #2,4, and 6. C/W ICA Tornado alley turbo 50/100Hr inspection with no
		defects not	ted. Inspect	ed exhaust v	with no defe	ects noted. 3 yr exhaust and turbo inspection due 2023. Removed prop
		and installe	ed new cran	k shaft seal. ith to this o	. Reinstalled late usin€ To	prop IAW Mccauley maint manual. Ground runs C/W no defects data see AD Report for more info. I certify this engine to be airworthy
		and return				
			3		Mh	
			_	11/		Jonathan Siemens, A&P IA 3288274
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ATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
Inspecte defects i inspection 2023. Re	noted. Services with no description with no description with no description with no description with the services and the services with the services and the services are not as a services and the services are not as a service are not a ser	spection on mags. Insta ed with Phil efects noted	engine. Perfor lled new air fil lips 20W-50 oi l. Inspected ex	The seminole TX 79360  Timed compression check #1/77 #2/68 #3/76 #4/77 #5/73 #6/67.  Iter. Drained engine oil and removed and inspected oil filter with no ill and new oil filter CH48109-2. C/W ICA Tornado alley turbo 50/100Hr haust with no defects noted. 3 yr exhaust and turbo inspection due in Mccauley maint manual. Ground runs C/W no defects noted. ADs Report for more info. I certify this engine to be airworthy and return to  Jonathan Siemens, A&P IA 3288274
AIRCR ENG T Drained	oil, remove al, no metal 9 oil filer ar	2 8 75 39, 2 ed filter. Cur found. Inst	TOTAL HR t filter open a alled new Tel with	nd checked mpest quarts

ward to next page

	TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION SIGNATURE & CERTIFICATI	OF WORK PERFORMED— E NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from p	revious page
1	Precis	ion Avid	ition Mo	intenance, Inc	-
147 2222			· · · · · · · · · · · · · · · · · · ·	menance, me	
eg #: <b>N12</b> N: E-2875				03/05/2024	Tach: 2909.4
oper ope moved a	eration of spa and replaced v	rk plug leads. with new RHE	Cleaned gan	cted; no defects noted. Installed new lag drop on RH Mag. Verified proper roped, and inspected spark plugs. Found and & leak checks good.	
shua Hol	comb A&P 39	62116	Mu	Robert	
		/	Precis	sion Aviation Maintenance, Inc	
			4/2	Highway 25 Jerome, ID 83338	
istration	: N1230Z			187.10	
: 11/16/	2024				Engine Log Tach: 2932.2
lel: IO-5 682157	50-В				and the second s
ned engi	ne oil, remov	ed oil filter, c	ut and inspecte	ed for metal contamination. Filter element	ent normal Installed and secured
rempes	AA40109-2	filter and ser	viced engine w	ith 11 Quarts Phillips XC 20W50. Gro	und run-up performed with no leaks
d. All op	erations and i	ndications no	ormal.		
NATUR	E: Denis Sul	jevic	in Si	1- Co	rtificate Number: 3574709
			7		refreate Number: 35/4/09
wo: 0	125180				Engine Annual/100 Hr · page 1 of 1
	Precision	Aviation Main	tenance Inc · 47	72 STATE HIGHWAY 25 HNGR 7 · Jerom	e, ID 83338 · 208-320-0213
	<b>60Z</b> Γ: 3178.1 H: 2938.3			H, A36, S/N: E-2875	<b>January 31, 2025</b> PropTT: 3177.2
2.	gaskets. Eng #6: 79/80, M Gasket. ADs checked	gine Compre aster Orifice I through BW	essions are as : 47/80. Insta	RT Hawker Beechcraft Bonanza 100 ed, inspected, tested, rotated, and rested follows: Cyl #1: 75/80, #2: 72/80, illed (12) P/N M674 - Spark Plug Gasing to 22 degrees BTDC as per engin	#3: 74/80, #4: 65/80, #5: 73/80, sket, Installed P/N 649983 - TCM
7.	mixture and TATurbo Doc	the rest of the 35-6460001	ne engine fuel . OPs and lea	ne engine driven fuel pump as need setup for proper operation IRT Con k check good.	ed for proper operation. Verified tinental Engines SID 97-3G and
l certifi to be i	y this Engine n airworthy c	has been ins ondition.	Times calcula	ordance with a(n) Annual / 100 Hr Insp fed off Hobbs 45 best as poss	Dection and has been determined $bl_r$ .
D. Gre	g Beal A & P			The	
1	1	1	· · · · · ·		
		-			

DATE

TOTAL TIME IN SERVICE

TOTAL TIME SINCE OVERHAUL

TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED-SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

#### TOTALS brought forward from previous page



Thoroughbred Aviation Maintenance, Inc. CRS: R81R199Y Engine

Date: 01/26//2024 A/C: N1230Z

Eng.: IO-550-B 29 Prop: McCauley D3A32C409-C A/C Type: Beecheraft A36 A/C S/N: E2875

Eng. S/N: 682157 Prop S/N: 940932 WO: 233605 & 233608 Hobbs: 3140.9

Tach: 2892.3 Prop TT: 3140.0

Eng. TT: 3094.0 Eng. TSMOH: 1120.0

**Prop TSMOH: 1120.0** 

Compression Cks. after Engine run-up; MO 42/80: #1: 63, #2: 7, #3: 63, #4: 27, #5: 66 & #6: 52.

Found Cracks in the upper spark plug areas in Cylinders, #3, #5 & #6. #1 & #4 had possible cracks; further inspection is required. Cylinders #1, #2 & #4 were returned to the customer.

All Six Cylinders were Replaced with New Cylinder Assy's provided by the customer. P/N: SA52006-A23P. Removed & Reinstalled Mags after they returned from the Mag Shop for their 500Hr. INSP. Timed to the Eng. Ops. ck.

Removed & Replaced with new, Turbo V-Band Clamp IAW TAT ICA 400Hr. TIS requirements. Next Due at Tach 3292.3. P/N: 11-1100035 RCT 25903.

Removed & Replaced Flexible Turbo Sys. Fluid Carrying Lines Per TAT ICA 10yr. replacement interval. Next Due Jan2034. P/N: TAT Hose Kit 10yr. 3 hoses fabricated by hose shop, PO#: P19526. 7.

Crossover Heat Exchange 3yr. Insp C/W. Next Due 4DEC26.

Removed & Replaced marred hardware found on the AC compressor pully & Tensioner. Installed New Belt for AC

Replaced Turbo oil supply line gasket due to leak, P/N: 652100.

10. Replaced Alternator Gasket, Starter Packing, Oil Dipstick Gasket & Packings & Tach Gen Gasket, P/N's: 653981, AS3578-038, 649965, MS9970-116, MS9970-117 & AS3491-01.

11. Replaced Injector Ref Line Seals, P/N: 633958-3.

12. Fabricated new y-duct for the Generator & Fuel Pump, P/N's: BE709-4-60-6 & BE709-6-72-6.

13. Cleaned Rust from the #4 EGT Probe.

14. Removed & Replaced with new the #1 & #3 EGT Probes, P/N: M-111.

15. Drained Oil, Removed Oil Filter, cut some carbon noted, installed, torqued & safetied new oil filter AA48109. Serviced with 11gt. of Aeroshell 100.

16. Removed, Cleaned, Inspected, Tested, Installed & Torqued Spark Plugs with new gaskets, P/N: M-674.

17. AD 2023-17-04 N/A by Type.

18. AD 2023-09-09 N/A Due to the ICA Requirements for the TAT Sys the v-band clamp is to be replaced every 400hrs. Thus, falling into compliance with AD. Current V-band clamp installed is next due to be changed at a Tach time of 3292.3.

19. AD 2023-05-16 N/A no crankshaft work during time stated.

20. AD 2023-02-12 N/A no SAP Cylinders or Intake Assy. installed during time stated.

21. All AD's Current.

22. Performed Annual Inspection IAW Beechcraft 100Hr/Annual Inspection Checklist & Continental IO-550 MM to include the scope and detail of 14 CFR Part 43 appendix D.

23. Post Maintenance run-up, leak cks. & ops. ck. all good. No leaks, no defects noted at this time.

I certify this engine has been inspected/repaired/serviced utilizing Beechcraft A36 AMM/ Beechcraft Shop MM, Continental IO-550 MM & applicable FARs and was found to be in Airworthy Condition.

#### MAINTENANCE RELEASE

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service for the work performed. "Pertinent" details of the repair are on file at this agency under Work Order: 233605 & 233608 N#: N1230Z

Date: 01/26/2024. Signed: Daletic Re	CRS: R81R199Y	