# THE O C AIRCRAFT MAINTENANCE MAINTENANCE RECORDKEEPING SYSTEM

# ENGINE MAINTENANCE RECORDS



## ENGINE MAINTENANCE RECORDS



(All applicable information must be filled in)

### AEROTECH PUBLICATIONS INC.

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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						
	TORNADO ALLEY TURBO INC.									
	- 300 AIRPORT RD ENGINE LOG BOOK ENTRY									
ADA, OF		=	=	7 JUNE 2013	ĺ					
N555MG	N555MG BONANZA A36 SN: E-2391 ACFT TT: 5700.0 ACFT TACH: 1419.0 TCM IO-550-B-AP SN: 569849 ENG TSMOH: 0.0 ENG TT: 1700.0									
	REMOVED EXISTING ENGINE DUE TO TBO, INSTALLED POWER MASTER NEWLY OVRHAULED ENGINE ON THIS									
DATE AN	DATE AND THESE ACFT HOURS. SEE PREVIOUS LOG BOOK ENTRY FOR OVERHAUL DETAILS									
THIS EN	THIS ENGINE INSTALLATION IS COVERED AND APPROVED UNDER PRE-EXISTING ENGINE TECHNOLOGY INC									
STC SAS	STC SA5223NM AND STC SE5222NM. THE INSTALLATION WAS COMPLETED USING TORNADO ALLEY TURBO INC.									
INSTALL	INSTALLATION INSTRUCTIONS AND DRAWINGS, AND HAWKER BEECHCRAFT MAINTENANCE MANUALS. REFER									
TO TORI	NADO ALLE	Y TURBO A	IRPLANE FL	IGHT MANUAL SUPPLEMENT-550 FOR OPERATION AND CONTINUED						
	THINESS.									
INSTALL	ED NEW G/	AMITURBO	INJECTORS	KIT NUMBER GT16B SERIAL NUMBER 22632.						
INSTALL INSTALL	ED NEW DI	NOME MOU	NEISULATU	RS PART NUMBER J-10520-1. 66-380084-3, NEW THROTTLE CONTROL CABLE 36-380084-5, AND						
MIXTUR	E CONTROI	CABLE 36	.380084-7	00-0000004-0, NEW TRICETTE CONTROL CABLE 36-380084-5, AND						
				GOVERNOR ATD210760 SERIAL NUMBER 13103957.						
HAD TU	RBOCHARG	ER 406610-	9029 SERIAI	NUMBER HKR00032 OVERHAULED AND REINSTALLED.						
HAD WA	STEGATE 4	70908-11 SI	ERIAL NUME	BER HD0271 OVERHAULED AND REINSTALLED.	$\dashv$					
HAD MP	CONTROLL	ER 470688-	5 SERIAL N	JMBER GK0114 OVERHAULED AND REINSTALLED.						
INSTALL	ED NEW M	ANIFOLD PE	RESSURE CO	ONTROLLER PART NUMBER 470944-0029 SERIAL NUMBER H-						
PKN0003		MED DDOM	DED 144 OM	TOO DADTAH MADED 40 040000 - OFFILM AND ADDRESS.						
INSTALL	ED CUSTOI	JMBER L129	DED MAGNE	ETOS PART NUMBER 10-349350-5 SERIAL NUMBER L209520FR AND 10-						
				TED, RESURFACED, REPAIRED, AND REINSTALLED.						
- REMOVE	ED AND RE	PLACED CA	BIN HEATER	WITH NEW UNIT PART NUMBER ETI-B-118.						
REMOVE	ED AND RE	PLACED LEI	FT EXHAUST	MANIFOLD WITH USED SERVICIBLE UNIT.						
- REMOVE	ED AND REI	PLACED WA	STEGATE M	IANIFOLD WITH NEW UNIT PART NUMBER ETI-B-108.						
INSTALL	ED NEW IN	STRUMENT	AIR PUMP F	PART NUMBER 216CW SERIAL NUMBER 020E05.						
				R AIR COLLARS.						
				RUPPER DECK REFERENCE TUBES. E GASKETS.						
			FLANGE N		-					
			GER GASKE							
				E GASKETS.						
		ASTEGATE								
INSTALL	ED ALL NE	N TURBO, V	VASTEGATE	MOUNTING BOLTS, WAHERS, AND NUTS.	÷					
CYLINDE		IGINE BAFF	LE COMPO	NENTS MODIFIED FOR THE ADDITION OF THE TAPER FIN STYLE						
		WITH 12 OI	IARTS OF D	HILLIPS 20W/50 MINERAL OIL.						
				PAD PART NUMBER 07-05200.						
SEE FIRE	ST BAGE Ø	F ENGINE L	OG BOOK E	NTRY FOR OVERHAUL DETAILS AND MODIFICATIONS.						
- 42	Jan lu	H A&P 265								
DAVIDTR	LANDRET	H A&P 265	51512 IA							
8-11-2014	Holiks	1570,7	SMOH 15	1.0 T.T. 1851 Annual inspection completed						
this	late Re	the I,	AR 43 A	gendit D. Cleand and grown plugs. Comp. Chick						
				, #3.) 7/80, #4.) 1/80, #5.) 1/80, #6, 780. Change	d					
or land	filter, 5	would wi	44 10gts	Scroppel 100 Wand installed new oil filter. Ran						
enjin.	No Cook	allop	normal	ok for return to service.						
ı ,				her: Cupor L. Burowa A+1 3165674BA						
				SUB-TOTALS this page						

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DATE	TOTAL TIME IN SERVICE	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					
	-			Engine Log Entry					
	05/24	J/18 187	4.4 Hobbs	455.4TSMOH Continental IO-550-B-AP S/N 569849					
	after i	nstalling ove	rhauled drive	r supplied overhauled alternator, P/N 54930YR, S/N 005AA051R, e coupling P/N LC-5367-5N (see 8130 form dated 04/22/03 for perationally tested satisfactory.					
	- - Signa -	ature	<u>L-le</u>	<u>Ceroligue</u> A&P <u>3030006</u> —					
	_	+	+	Engine Log Entry					
		04/18 18	377.9 Hobbs	458.9 TSMOH Continental IO-550-B-AP S/N 569849					
	Chi Sei Rui	anged oil an rviced with 1	difilter Cut a	and inspected old oil filter to check for metal; no discrepancies noted. nell W100 oil and 1 Pt. Camguard; installed new CH48108-1 oil filter.					
	Engine Log Entry								
	08/07/18 1922.0 Hobbs 503.0 TSMOH Continental IO-550-B-AP S/N 569849								
	Ser Rui	rviced with 1	d filter. Cut a 0 qts. Aerost checked. Eng	and inspected old oil filter to check for metal; no discrepancies noted.  nell W100 oil and 1 Pt. Camguard; installed new CH48108-1 oil filter.  gine O.K  A&P 3030006					
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	SIGNATURE	DESCRIPTION OF WORK PERFORMED— & CERTIFICATE NO. OF PERSON PERFORMING WORK
	ENGINE MC IO-550-B-AF ENGINE S/F REG. NO: N WORK ORE	N: 569849 1555MG DER: 1533	468	ero Tech Services 19 Eddle Rickenbacker Drive dison, TX 75001 pne: 214-728-9007	DATE: 5/30/2019 A/C TSN: 6408 ENG TT: HOBBS: 2025
	needed. F. Inspection. new Magni 4ea. new Mesidue needed and seals : compartmeneded installed installed and Engine and Installed	controls take ex- unction check sa . Removed LH F etos LH Magnet Aagneto cushior Installed new ai sak check satisf and installed ne ent Installed ti sak check satisf sew rod end and e deck needs wi	atisfactory C/N-P/N 10-349350-4 P/N 10-34930-4 P/N 10-3493	N 500 HR/ Magneto inspect S/N 12951513FR & RH P 0-4 S/N F02AA163 and RH Engine as required Aircra s needed Accessory case 5 Cylinder push rod tubes he seals as needed. Leak cheche compartment as needed. e control rod end in a bind at d Electric oil pump quick d Engine and Engine decks.	ds, pressure lubed cables, reinstalled rod ends and rigged as on is 106 HRS overdue Compiled with 500 HR/ Magneto IN 10-349350-5 S/N L209520FR Magnetos and Installed Magneto P/N 10-349350-5 S/N F02AA168 installed using the needs air/ oil separator installed due to belty covered in oil blank off plate gasket leaking oil Tightened hardware as everust spots leaking oil Removed push rod tube housings in satisfactory Various wires need tie wraps in Engine  Turbo oil inlet gasket seeping Tightened hardware as dishowing signs of wear Removed faulty rod end and drain not safety wired Safety wired as needed Engine in needed Throttle rod end worn Removed worn rod end at air conditioning support bracket leaking oil Retorqued
	The work de	scribed above was tails are on file at t	s performed and ins this facility under % SIGNED:	lork Order No. 1533.	Ar3o58666 Work Order: 1533  Printed by EBis 3 (datcornedia.com)
					Fillied by Ebis 3 (datcomedia.com)
TULSA, N555M TCM CHECKE REMOV REINSTA REMOV DRAINE CHAMP INSTALE	IO-550-B-AF D AND ADJUS ED AND REPL ED STARTER I ALLED. ED AND REPL D ENGINE OIL ION OIL FILTE	ZA MODEL  SN: 5698 STED MAGNE ACED ALL SPA DRIVE ADAPTI ACES GASKET AND REMOVER CH48109-1 DRAIN VALVE	A36 SN: E- 49 ENG TO TIMING TO ARK PLUGS WI ER, REPLACED ON ENGINE D /ED OIL FILTEI	-2391 ACFT TT: 641 TSN: 2312.4 ENG 0 21.9 DEGREES BTDC. ITH NEW TEMPEST URH 0 AFT HOUSING O-RING DRIVEN FUEL PUMP. R. SERVICED ENGINE W	
DAVID	LANDRETH	A&P 26515	12 (A		
				SUB-TOTALS to	nis page

				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
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9027 AIRPA TULSA OK, N555MG I TCM ID-5 COMPLETE CHECKUST PERFORME FOUND ALL PERFORME AS A REFER CHECKED A REMOVED,	74132 BONANZA N BONANZA N BONANZA N DATED APRIL ED AIRWORTH AIRWORTH ED CYLINDER I RENCE PRESSL AND ADJUSTE CLEANED, IN AND REPLACE	MODEL A36 SI I: 569849 E ISPECTION US 2014 AS A G IINESS DIRECTI DIFFERENTIAL JRE. D MAGNETO' SPECTED, GA ED LEFT MAG	N: E-2391 ACI ENG TSN: 237 SING HAWKER UIDE. FIVE SEARCH U VES COMPLIEE COMPRESSIO TIMING TO 21. P CHECKED, AF NETO GASKET	FEB 2021 FT TT: 6475.8 ACFT HOBBS: 2092.8  3.8 ENG TSMOH: 673.8 BEECHCRAFT AIRCRAFT BEECH BONANZA ANNUAL/100 HOUR INSPECTION  ISING AVANTEX DISC 2021-02. D WITH OR NOT APPLICABLE. N CHECK RESULTS WERE 70, 73, 74, 73, 72 AND 74. ALL IN ORDER AND WITH 80 PSI  1.9 DEGREES BTDC. ND REINSTALLED ALL SPARK PLUGS. INSTALLED NEW GASKETS. WITH NEW.
	HAT THIS END IRWORTHY CO		n inspected i	N ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO
DAVID R. L	ANDRETH OC	)2651512 IA	-	
Compre 78/80; # time. Te Cleaned Inspecte 08, Insp 2233.6 I exhaust Aeroshe sample	N#: Date: ssion check 6-78/80. In sted leads I high tension and muffler a ected tailpi nobbs. Instanuts on #1 II 15w50. O	N555MG   03/10/202:  k complete spected an with Bendi; on lead end and shroud pe clamp, called missir cylinder. Co	Model: IO-5/ 2 HOBBS: 2 d: #1-79/80; d cleaned F k high tensic ds. Reset ma for leaks, ch checks ok at g exhaust n bil changed v for inspectio	RD 19, PERRYTON TX 79070 20-BB S/N: 569849 105.6 TSMOH: 686.6  #2-77/80; #3-78/80; #4-78/80; #5- CU inlet screen, checks ok at this on tester, check ok at this time. ag timing to 22 DEG BTC. eecks ok at this time. CW AD 01-08- this time clamp due replacement on #3 cylinder and tightened with AA48109 filter and 12 quarts of in, checked ok at this time. Oil ok; no visual leaks apparent. End.  A&P # 4132624
Co list tha wa	s determina	annual insolved and annual insolved and annual insolved annual	spection this entry dated I	og entry N555MG  neter 2105.6 SMOH 686.6 date. Inspected the engine; verified the items  March 10, 2022 by Knox Aviation LLC. I certify in accordance with an annual inspection and  ondition. END.
				SUB-TOTALS this page

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#### AIRCRAFT RECORDS - DO NOT DESTROY

**Appliances** 

Company

Knox Aviation

Tail # Blweekly Number N555MG 2023-08

AD # Effective	Subject	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
* 76-07-12 04/14/1976	76-07-12 - BENDIX SWITCHES/	C/W BY FUNC CHECK		×	04/13/2023	2218.9 hobbs	AP 4132624

Prepared by

APR 1 3 2023 EZOX E 1 247V

<sup>\*</sup> Indicates possible recurring inspections Tdata, Inc (Tdata.com)

nde 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
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airframe

ι36

Biweekly Number TACH A/C Cert. Date 2023-08 2118.9 10/22/1987

A/C Cert. D

6501.9

	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
DER	N/A by S/N					
NTROL	N/A by S/N					
GRESS	N/A by S/N	į				
NDLE/	N/A by S/N					
ERIAL/	PCW			05/09/1988	-	
	N/A by S/N					
/ TAB	N/A by S/N			·		
	PCW			09/18/1991		<u> </u>
WER	PCW			11/01/1991		

data, Inc (Tdata.com)

Prepared by

Date APR 1 3 2023

airframe

.36

**Biweekly Number TACH** 

2023-08 2118.9

A/C Cert. Date

10/22/1987

**Total Time** 

6501.9

	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
AME	SUPERSEDED	X	х			
DDER	SUPERSEDED	X	х			
₹	PCW			10/08/1992		
TON	N/A Not Installed					
	PCW Reinforcement brackets installed		х	06/20/1995		
I	PCW		х	12/27/2019	6945.6 TT	
E'S LOCK FON/	PCW			09/02/1997		
FLOW E/	WITHDRAWN JULY 2000					
ROL	N/A by S/N					

Tdata, Inc (Tdata.com)

Prepared by APR 1 3 2023

TROY

airframe

436

**Biweekly Number** TACH

2023-08 2118.9

A/C Cert. Date **Total Time** 

10/22/1987 6501.9

	Method of Compilance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
THE 1 OF ALANT FIREWALL	N/A by S/N			,		
E RUDDER .BLE/	N/A by S/N					
SING IE RIGHT AGE	SUPERSEDED	×				
E TAILPIPE CHING	PCW		x	01/13/2018	6616.6 TT	
IE BLOWER	PCW					
EPARATION FLEX EMBLY/	PCW			12/18/11		

ns Tdata, Inc (Tdata.com)

Prepared by Date APR 1 3 2023

STROY

airframe

A36

Biweekly Number TACH

2023-08 2118.9

A/C Cert. Date **Total Time** 

10/22/1987 6501.9

	Method of Compilance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
N - DETECT CT MISSING IE RIGHT AGE WBLY/	PCW			12/13/2004		
HE OF VDINGS SEIZURE OCK	C/W, GREASED UPLOCK ROLLERS		x	04/13/2023	2218.9 hobbs	AP 4132624
FAILURE OUIT OGGLE	PCW			12/08/2009		
ND N WASHER N THE OPILOT	PCW					
ON FLIGHT ABLE END FEGRITY/	SUPERSEDED	Х				

is Tdata, Inc (Tdata.com)

Prepared by Date APR 1 3 2023

STROY airframe

- A36

2023-08 **Biweekly Number** TACH 2118.9 A/C Cert. Date 10/22/1987 **Total Time** 6501.9

	Method of Compilance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
ON FLIGHT ABLE ITTINGS	N/A by S/N					

ns Tdata, Inc (Tdata.com)

Prepared by \_\_\_\_\_\_ Date APR 1 3 2023

engine

IO-520-BB

Biweekly Number TSMOH

2023-08 699.9

Total Time

2399.9

**Total Cycles** 

	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
N PUMP	N/A Not Installed					
APTOR/	N/A Not Installed		х			
RELIEF	N/A by S/N					
.DDOWN	N/A Not Installed					
	N/A Not Installed		х			
· · · · · · · · · · · · · · · · · · ·	N/A Not Installed		х			
TOR	N/A by S/N					
FATIGUE	SUPERSEDED	x	х			
	N/A Not Installed	; ;				

Prepared by	1	fox
	/	7

Date \_\_

TROY

engine

· IO-520-BB

**Biweekly Number** TSMOH

2023-08 699.9

**Total Time** 

2399.9

**Total Cycles** 

	Method of Compliance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
APTER	PCW AT OH			03/10/2013		
IL FILTER/	N/A Not Installed					
OIL E/	N/A by S/N					
ALVE	N/A by S/N					
<del></del>	PCW AT OH			03/10/2013		
E	SUPERSEDED	×				
RDOWN	N/A BY N NUMBER					
IN - FT FATIGUE	PCW AT OH		X	03/10/2013		
-TS/	N/A by S/N					

ns Tdata, Inc (Tdata.com)

Prepared by \_\_\_\_\_\_ Date \_APR 1 3 2023

engine

IO-520-BB

Blweekly Number TSMOH

2023-08 699.9

**Total Time** 

2399.9

**Total Cycles** 

	Method of Compilance	SS	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
FAILURE/	SUPERSEDED	x				
FAILURE/	N/A by OH Date					
ROD CTURE/	SUPERSEDED	x	x			
THE	N/A by OH Date					
S OF R/	N/A NOT MODIFIED BY STC					
THE OF THE AD/	SUPERSEDED	×	х			

Tdata, Inc (Tdata.com)

Prepared by Date APR 1 3 2023

engine

Ю-520-ВВ

Biweekly Number TSMOH

2023-08 699.9

**Total Time** 

2399.9

**Total Cycles** 

	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
- TO S OF :R DUE   THE AD, HINE FIRE IN	N/A by S/N		x			
RAPID : FACE OF FTERS/	SUPERSEDED	x	х			
RAPID FACE OF FTERS/	SUPERSEDED	x	x			
YDRAULIC '	N/A P/N's not installed at OH		x	03/10/2013		
AN JTDOWN .ED FUEL RAGM/	N/A Not installed		x	P. C.		

Tdata, Inc (Tdata.com)

IO-520-BB

TROY

**Biweekly Number** 

2023-08

TSMOH

699.9

**Total Time** 

2399.9

**Total Cycles** 

	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No	
PARTS CAST	N/A Not Installed		X				
DR NDER LURES/	N/A Not Installed						
OIL ER FIBER )SS/	N/A Not Installed			1 .,,			
LLER ROPER	N/A by S/N						
	N/A by Manufacture Date						
HT GS IN VEIGHT	SUPERSEDED						

data, Inc (Tdata.com)

Prepared by \_\_\_\_\_\_ Date APR 1 3 2023

ompliance Record

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ROY

engine

)-520-BB

Biweekly Number

2023-08

TSMOH

699.9

**Total Time** 

2399.9

**Total Cycles** 

	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
OF HT GS/	N/A by S/N and OH date					

data, Inc (Tdata.com)

3A32C409

TROY

Biweekly Number TSMOH 2023-08 179.3

Total Time

6501.9

**Total Cycles** 

	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
BY T&W NC./	N/A no T&W rework					
BY LIFORNIA ERVICE/	N/A no So-Cal rework					
SAFE HAT FIN A ADE ROM THE OF HE	N/A by S/N					
LADE OR HAT IN FA	C/W BY INSPECTION		×	04/13/2023	2218.9 HOBBS OR APR 2024	2-75 AP 4132624

data inc (Toleta cern)

Prepared by

Date APR 1 3 2023

	Method of Compliance	ss	R	Date & Hours @ Comp	Next Comp @ Hrs/Date	Auth Sig & Cert No
ıx	C/W BY FUNC CHECK		х	04/13/2023	2218.9 hobbs	AP 4132624

data, Inc (Tdata.com)

Prepared by \_\_\_\_\_\_ Date \_\_\_\_\_ APR 1 3 2023