# ENGINE LOG BOOK



CONTINENTAL MOTORS

Form No. ELB-01

#### Service Information

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

#### **Engine Returns**

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

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

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

This engine model <u>TOSSOB39</u>, Serial No. <u>684660</u> was manufactured on <u>7-9-00</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.





Raytheon A-36 N355SA SIN:E-3357  Raytheon A-36 N355SA SIN:E-3357  RAYTHEON AIRCRAFT SERVICES SIN:E-3357  CHANGED OIL & FILTER. CUT OPEN OLD FILTER AND CHECKED FOR CONTAMINATES, NONE FOUND. INSTALLED NEW CH48109 FILTER AND CONTAMINATES, NONE FOUND INSTALLED NEW CH48109 FILTER AND CONTAMINATES, NONE FOUND INSTALLED NEW CH48109 FILTER AND SERVICED WITH 110T. 15 W 50 AEROSHELL OIL. WASHED DOWN SERVICED WITH 110T. 15 W 50 AEROSHELL OIL. WASHED BOWN SERVICED WITH 110T. 15 W 50 AEROSHELL OIL. WASHED BOWN SERVICED WITH 110T. 15 W 50 AEROSHELL OIL. WASHED BOWN SERVICED WITH 110T. 15 W 50 AEROSHELL OIL. WASHED BOWN SERVICED WITH 110T. 15 W 50 AEROSHELL OIL WASHED BOWN SERVICED WITH 110T. 15 W 50 AEROSHELL OIL WASHED BOWN SERVI	Date	Total	Time	Time Last O	Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
Raytheon A-36 N355SA S/N:E-3357 IO-550-B S/N:684660  1. CHANGED OIL & FILTER. CUT OPEN OLD FILTER AND CHECKED FOR S/N:684660  1. CHANGED OIL & FILTER. CUT OPEN OLD FILTER AND CHECKED FOR CONTAMINATES, NONE FOUND. INSTALLED NEW CH48109 FILTER AND SERVICED WITH 11QT. 15 W 50 AEROSHELL OIL. WASHED DOWN SERVICED WITH 11QT. 15 W 50 AEROSHELL OIL. WASHED NEW 11QT. 15 W 50 AEROSHELL OIL. WASHED DOWN SERVICED WITH 11QT. 15 W 50 AEROSHELL OIL. WASHED NEW 11QT. 15 W 50 AEROSHELL OIL WASHED NEW 11QT. 15 W 50 AEROSHELL OIL WASHED NEW 11QT. 15 W 50 AEROSHELL OIL		Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
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Raytheon A-36 N355SA S/N:E-3357 IO-550-B S/N:684660  1. CHANGED OIL & FILTER. CUT OPEN OLD FILTER AND CHECKED FOR CONTAMINATES, NONE FOUND. INSTALLED NEW CH48109 FILTER AND SERVICED WITH 11QT. 15 W 50 AEROSHELL OIL. WASHED DOWN SERVICED WITH SOLVENT GROUND RAN & LEAK CHECKED NORMAL. ENGINE WITH SOLVENT GROUND RAN & L						Zolui Melocui
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Raytheon A-36 N355SA S/N:E-3357 IO-550-B S/N:684660  1. CHANGED OIL & FILTER. CUT OPEN OLD FILTER AND CHECKED FOR CONTAMINATES, NONE FOUND. INSTALLED NEW CH48109 FILTER AND SERVICED WITH 11QT. 15 W 50 AEROSHELL OIL. WASHED DOWN SERVICED WITH SOLVENT GROUND RAN & LEAK CHECKED NORMAL. ENGINE WITH SOLVENT GROUND RAN & LEAK CHECKED NORMAL.  2. PERFORMED BORESCOPE & COMPRESSION TESTS. COMPRESSION AS FOLLOWS #1 72 /80 #2 71/80 #3 72/80 #4 74/80 #5 70/80 #6 71/80.	-23-01	24	.8			WITH SHELL 65N.D. LEAR
Raytheon A-36 N355SA S/N:E-3357 IO-550-B S/N:684660  1. CHANGED OIL & FILTER. CUT OPEN OLD FILTER AND CHECKED FOR CONTAMINATES, NONE FOUND. INSTALLED NEW CH48109 FILTER AND SERVICED WITH 11QT. 15 W 50 AEROSHELL OIL. WASHED DOWN SERVICED WITH SOLVENT GROUND RAN & LEAK CHECKED NORMAL. ENGINE WITH SOLVENT GROUND RAN & LEAK CHECKED NORMAL.  2. PERFORMED BORESCOPE & COMPRESSION TESTS. COMPRESSION AS FOLLOWS #1 72 /80 #2 71/80 #3 72/80 #4 74/80 #5 70/80 #6 71/80.						Han follows
Raytheon A-36 N355SA S/N:E-3357 IO-550-B S/N:684660  1. CHANGED OIL & FILTER. CUT OPEN OLD FILTER AND CHECKED FOR CONTAMINATES, NONE FOUND. INSTALLED NEW CH48109 FILTER AND SERVICED WITH 11QT. 15 W 50 AEROSHELL OIL. WASHED DOWN SERVICED WITH SOLVENT GROUND RAN & LEAK CHECKED NORMAL. ENGINE WITH SOLVENT GROUND RAN & LEAK CHECKED NORMAL.  2. PERFORMED BORESCOPE & COMPRESSION TESTS. COMPRESSION AS FOLLOWS #1 72 /80 #2 71/80 #3 72/80 #4 74/80 #5 70/80 #6 71/80.						
Signed N. Haw With  Approved For Return To Service With Respect To The Work Performed RAYTHEON AIRCRAFT SERVICES Greater Rockford Airport, Rockford, IL 61109 FA.A. Approved Repair Station No. CGOR815C	N35 S/N IO-3 S/N	55SA :E-335 550-B :68466 1. Ch CC SE	60 HANGE ONTAM ERVICINGINE	ED OIL MINATE ED WIT WITH	& FILT ES, NOI TH 11Q SOLVE BORES 72 /80 #	RAYTHEON AIRCRAFT SERVICES  CKFORD AIRCRAFT SERVICES  CKFORD AIRCRAFT SERVICES  WO:10665  HM:45.6  ENGINE LOG BOOK INSERT  WO:10665  HM:45.6  ER. CUT OPEN OLD FILTER AND CHECKED FOR  NE FOUND. INSTALLED NEW CH48109 FILTER AND  T. 15 W 50 AEROSHELL OIL. WASHED DOWN  ENT GROUND RAN & LEAK CHECKED NORMAL.  COPE & COMPRESSION TESTS. COMPRESSION AS  12 71/80 #3 72/80 #4 74/80 #5 70/80 #6 71/80.  COPE & COMPRESSION TESTS. COMPRESSION AS  12 71/80 #3 72/80 #4 74/80 #5 70/80 #6 71/80.  COPE & COMPRESSION TESTS. COMPRESSION AS  13 72/80 #4 74/80 #5 70/80 #6 71/80.

RAYTHEON A36 N355SA S/N E-3357 IO-550-B (39).

## RAYTHEON AIRCRAFT SERVICES GREATER ROCKFORD AIRPORT, ROCKFORD, ILLINOIS 61109 F.A.A. APPROVED REPAIR STATION NO. CGOR815C

DATE: 6-08-01 WO:10918 HM / AETT:01.5

HM / AFTT:91.5 ETT:91.5

IO-550-B (39). ENGINE LOG BOOK INSERT S/N 684660

- 1. PERFORMED ANNUAL INSPECTION I/A/W BEECH FORM # 98-32227H AS APPROVED PER FAR 91.409(F)(3), TOOK OIL SAMPLE, SERVICED WITH 11 QT, 15W50 AEROSHELL OIL
- 2. A.D. NOTES & M.S.B'S. CHECKED THROUGH 2001-10 ISSUE. CURRENT LIST WITH MAINTENANCE RECORDS.
- 3. COMPRESSION TEST AS FOLLOWS #1. 71/80 #2 72/80 #3 73/80 #4 73/80 #5 67/80 #6 69/80. C/W TCM TOPCARE CHECKLIST FORM I/AW SID 97-2.
- 4. C/W TCM CSB 01-1: FUEL PUMP INSPECTION & SEAL LEAK TEST. THIS ENGINE HAS A CURRENT PRODUCTION BASIC FUEL PUMP P/N OF 655243-4 S/N T0304 AND IS NOT AFFECTED BY THIS BULLETIN.
- 5. INSTALLED NEW THROTTLE CONTROL LINKAGE INTERCONNECT SPRING P/N 628371

 C/W SLICK SB 2-80C, 100 HR. EXTERNAL MAGNETO SYSTEM INSPECTION. ADJUSTED R/H MAGNETO TIMING TO 22\* BTC I/A/W MM 74-00-00.

certify that this (aircraft) (engine) has been inspected in accordance with a Annual
inspection and determined to be in airworthy condition. Partinent details of this inspection are on file at
this agency under work order No. 10918 Date 6-08-01
Signed by benn for
BAYTHEON AIRCRAFT SERVICES Greater Bookford Airport Bookford Winein Caso

RAYTHEON AIRCRAFT SERVICES, Greater Rockford Airport, Rockford, Illinois 61109

E.A.A. Approved Repair Station No. CGOR815C

RAYTHEON A-36 N355SA S/N:E-3357 IO-550-B

S/N:684660

RAYTHEON AIRCRAFT SERVICES
GREATER ROCKFORD AIRPORT, ROCKFORD, ILLINOIS 61109
F.A.A. APPROVED REPAIR STATION NO. CGOR815C
ENGINE LOG BOOK INSERT

DATE:11-09-01

WO:11324

HM:131.5

 CHANGED OIL & FILTER. TOOK OIL SAMPLE. CUT OPEN OLD FILTER AND CHECKED FOR CONTAMINATES, NONE FOUND. INSTALLED NEW CH48109 FILTER AND SERVICED WITH 11QT. 15 W 50 AEROSHELL OIL. WASHED DOWN ENGINE WITH SOLVENT GROUND RAN & LEAK CHECKED NORMAL.

Signed See Date 11-09-01

Signed For Return To Service With Respect To The Work Performed PAYTHEON AIRCRAFT SERVICES

Greater Rockford Airport, Rockford, IL 61109

F.A.A. Approved Repair Station No. CGOR815C

		Total	Time	Time Last O		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
		Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
A PROPERTY AND A PARTY AND A P	WO: REG#		671 55SA			Elliott Aviation of the Quad Cities, Inc. Quad City Airport
Charleston Stationary	SN: Hobbs:	E33				PO Box 100 Moline, IL 61266-0100
	Date: Engine	7/6/ TTSN:		.30 Т	SO:	FAA CRS CGHR812C 192.30
				,		ENGINE LOG ENTRY
	2. Ch 12 3. Re 4. Str	anual 1 80/72, nanged quarts emoved ars Codew indu	2-80/69 engine of Aero fuel injude 7100 ction air	inspection, 3-80/77 oil and filt shell 15W ection noz 21. Comp	n checkl 7, 4-80/7 ter. Cut V-50. In zzles, cle	s date using Raytheon Aircraft Beech Bonanza Series Maintenance list as a guide. Performed compression test, results as follows: 77, 5-80/67, 6-80/74.  open old filter and no abnormal deposits noted. Serviced engine with notalled and saftied new CH48109 oil filter. Ran up and no leaks noted. eaned, inspected, reinstalled and torqued.  1 AD 84-26-02, effective date 1/29/85 induction air filters by installing a 035-7. Next air filter replacement is due within 500 hours or by 792.2
		this E determ	order nu OTT AVI	as been in be in airw mber. ATION OF	F THE Q	d in accordance with an Annual Inspection and was ondition. Pertinent details are on file at this agency under the above noted QUAD CITIES, INC. SIGNED Gregory S. Kemper II. FAA APPROVED REPAIR STATION # CGHR812C
	-	QUAL	CITY	AIRPORT,	MOLINI	E, IL FAA APPROVED REFAIR STATION # COLINGIZO
R	NO: REG#:	2578 N35	5SA			Elliott Aviation of the Quad Cities, Inc. Quad City Airport
SECTION SECTION	SN: Hobbs:	E-33				PO Box 100
	Date:	10/1				Moline, IL 61266-0100 FAA CRS CGHR812C
C In ch	Changed hespecte hecked certify t	d oil & d old ed, no leathis ma	0/02 filter usi element aks note	for metall d at this t ce has be	ic particl ime. en inspe	
C In ch	Changed hespecte hecked certify t	d oil & d old ed, no leathis ma	0/02 filter usi element aks note	for metall d at this t ce has be	ic particl ime. en inspe	ENGINE LOG ENTRY  poshell 15W50 oil & CH48109E filter. Collected oil sample for analysis. Test ran & leak ected and is determined to be in airworthy condition with respect to file under the noted work order number.  SIGNED WILL Schneider ELLIOTT AVIATION OF THE QUAD CITIES, INC. FAA APPROVED CRS #CGHR812C
C In ch	Changed hespecte hecked certify t	d oil & d old ed, no leathis ma	0/02 filter usi element aks note	for metall d at this t ce has be	ic particl ime. en inspe	ENGINE LOG ENTRY  poshell 15W50 oil & CH48109E filter. Collected oil sample for analysis. Test ran & leak ected and is determined to be in airworthy condition with respect to file under the noted work order number.  SIGNED WILL Schneider ELLIOTT AVIATION OF THE QUAD CITIES, INC. FAA APPROVED CRS #CGHR812C
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C In ch	Changed hespecte hecked certify t	d oil & d old ed, no leathis ma	0/02 filter usi element aks note	for metall d at this t ce has be	ic particl ime. en inspe	ENGINE LOG ENTRY  poshell 15W50 oil & CH48109E filter. Collected oil sample for analysis. Sele contamination, none noted. Washed engine & cowl. Test ran & leak exted and is determined to be in airworthy condition with respect to file under the noted work order number.  SIGNED WILL Schneider ELLIOTT AVIATION OF THE QUAD CITIES, INC. FAA APPROVED CRS #CGHR812C

Date	Total	Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins
WO:	258475				Elliott Aviation of the Quad Cities, Inc.
REG#:	N355SA				Quad City Airport —
SN:	E-3357				PO Box 100
Hobbs:	308.7	ACTT:	308.7	7	Moline, IL 61266-0100
Date:	07/10/03				FAA CRS CGHR812C
Engine TI	TSN: 30	8.7			
				E	NGINE LOG ENTRY
1. Com	pleted Ann	ual Insp	ection th	nis date u	using Beechcraft approved inspection form as a guide.
2. Chan	ged oil & fi	Iter using	g 12 quai	rts Aeros	shell 15W50 oil & CH48109E filter. Collected oil sample for
analy	sis. Inspec	cted old	element	for metal	llic particle contamination, none noted. Washed engine & cowl.
lest	ran & leak	checked	, no leaks	s noted a	at this time.
<ol> <li>Perfo</li> <li>Repla</li> </ol>	rmed comp	pression	test, resi	uits as to	ollows: 1) 62/80, 2) 60/80, 3) 68/80, 4) 55/80, 5) 70/80, 6) 71/80. new PN M-3081. Adjusted points and timed mag to engine in
					perations checked normal. 35-380035-7:————————————————————————————————————
					new PN 35-910067-289.
7. Rese	arched ann	licable 4	Airworthir	ness Dire	ectives & Airframe mandatory Service Bulletins, compliance at
	ime as follo			5.50	
					-END
- 10	certify this I	Engine I	has been	inspecte	ed in accordance with an Annual Inspection and was
D	etermined t	to be in a	airworthy	condition	n. Pertinent details are on file at this agency enter
	ork Order				
					CITIES, INC. SIGNED Michael J. Saathoff for
Q	UAD CITY	AIRPOR	RI, MOLI	NE, IL	FAA APPROVED REPAIR STATION # CGHR812C
WO:	258552				Elliott Aviation of the Quad Cities, Inc.
REG#:	355SA				Quad City Airport
SN:	E-3357				PO Box 100 _
Hobbs:	312.6				Moline, IL 61266-0100
Date:	09/05/03				FAA CRS CGHR812C -
				<u></u>	ENGINE LOG ENTRY
Installed	Teledyne C	continent	al Motors	top over	rhaul kit, PN EQ7088, which includes overhauled cylinders, new
pistons a	nd pins, an	d new rir	ngs. Insta	alled all 6	cylinders in accordance with Teledyne Continental Motors IO-
550-B ove	erhaul man	ual and	Elliott Avi	ation in p	progress check list. Ground run engine and adjusted fuel flows in SID 97-3A. Operational checked and leak checked all removed
accordan	ce with Tell	edyne C	Mo dicor	opancios	s noted at this time.
					and is determined to be in airworthy condition with respect to work
					the noted work order number.
					END
					(6)
					SIGNED Jeffrey W. Dean
					ELLIOTT AVIATION OF THE QUAD CITIES, INC.
					FAA APPROVED CRS #CGHR812C
					QUAD CITY AIRPORT, MOLINE, IL
				1	
GJEN GANGE					
TOTAL PARTY		1.00			
				No.	

Time Since Date **Total Time** Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Hrs. Min. Hrs. Min. Modifications and Service Bulletins Elliott Aviation of the Quad Cities, Inc. WO: 258552 Quad City Airport REG#: 355SA PO Box 100 E-3357 SN: Moline, IL 61266-0100 312.6 Hobbs: FAA CRS CGHR812C Date: 09/05/03 **ENGINE LOG ENTRY** Aircraft test flown this date for new cylinders installed and performed cylinder break in accordance with TCM directions. All systems operating satisfactory this date 9/5/030K Discrepancies noted, reference above noted work order for details ELLIOTT AVIATION OF THE QUAD CITIES, INC. SIGNED & QUAD CITY AIRPORT, MOLINE, IL RATING A NUMBER 503 96 4/67 WO. 258552 Elliott Aviation of the Quad Cities, Inc. REG #: 355SA Quad City Airport SN: E-3357 PO Box 100 Hobbs: Moline, IL 61266-0100 317.4 09/05/03 Date: FAA CRS CGHR812C **ENGINE LOG ENTRY** Leak checked cylinder installations after flight, no leaks or other discrepancies noted. The test flight was done in accordance with TCM IO-550 Permold Service Overhaul Manual, section 19-20. I certify this maintenance has been inspected and is determined to be in airworthy condition with respect to work performed. Pertinent details are on file under the noted work order number. ELLIOTT AVIATION OF THE QUAD CITIES, INC. FAA APPROVED CRS #CGHR812C QUAD CITY AIRPORT, MOLINE, IL Elliott Aviation of the Quad Cities, Inc. 258668 WO: Quad City Airport REG#: N355SA PO Box 100 E-3357 SN: Moline, IL 61266-0100 322.9 Hobbs: FAA CRS CGHR812C 09/23/03 Date: **ENGINE LOG ENTRY** Changed oil & filter using 12 quarts Phillips 20W50 oil & CH48109E filter. Collected oil-sample for analysis. Inspected old element for metallic particle contamination, none noted. Washed engine & cowl. Test ran & leak checked, no leaks noted at this time. I certify this maintenance has been inspected and is determined to be in airworthy condition with respect to work performed. Pertinent details are on file under the noted work order number. -END SIGNED W ELLIOTT AVIATION OF THE QUAD CITIES, INC FAA APPROVED CRS #CGHR812C QUAD CITY AIRPORT, MOLINE, IL

Date **Total Time** Time Since Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Hrs Min Hrs Min. Modifications and Service Bulletins Brough WO: 258754 Elliott Aviation of the Quad Cities, Inc. REG # N355SA Quad City Airport SN: E-3357 Hobbs: PO Box 100 346.0 Moline, IL 61266-0100 Date: 12/07/03 FAA CRS CGHR812C **ENGINE LOG ENTRY** Drained engine oil and obtained sample for oil analysis. Removed oil filter, cut open and no abnormal deposits noted this date. Installed and saftled new filter, PN CH48109. Serviced engine with 12 quarts Aeroshell 15w50 oil. Ran engine and no leaks noted at this time. I certify this maintenance has been inspected and is determined to be in airworthy condition with respect to work performed. END-SIGNED ELLIOTT AVIATION OF THE QUAD CITIES, INC. FAA APPROVED CRS #CGHR812C QUAD CITY AIRPORT, MOLINE, IL WO: 258986 Elliott Aviation of the Quad Cities, Inc. REG#: N355SA Quad City Airport SN: E-3357 390.1 Hobbs\* PO Box 100 Date: 06/03/04 Moline, IL 61266-0100 FAA CRS CGHR812C **ENGINE LOG ENTRY** Changed oil & filter using 12 quarts Aeroshell 15W50 oil & CH48109 filter. Collected oil sample for analysis. Inspected old element for metallic particle contamination, none noted. Washed engine & cowl. Test ran & leak I certify this maintenance has been inspected and is determined to be in airworthy condition with respect to work performed. Pertinent details are on file under the noted work order number. -END---SIGNED ELLIOTT AVIATION OF THE QUAD CITIES, INC. FAA APPROVED CRS #CGHR812C QUAD CITY AIRPORT, MOLINE, IL WO: 258992 Elliott Aviation of the Quad Cities, Inc. REG #: N355SA SN: E-3357 Quad City Airport Hobbs: 399.1 PO Box 100 ACTT: Date: 07/16/04 Moline, IL 61266-0100 Engine TTSN: 399.1 FAA CRS CGHR812C **ENGINE LOG ENTRY** Completed Annual Inspection this date using Beechcraft inspection form as a guide. Performed compression test, results as follows: 1) 76/80, 2) 76/80, 3) 77/80, 4) 73/80, 5) 72/80, 6) 74/80. Adjusted mixture in accordance with maintenance manual directions, operations checked normal at this 3. Removed starter PN 646275-1 SN U-019672 and installed overhauled starter PN 646275-1 SN E040350 4. using new o-ring PN AS3578-038. Operations and leak checked nor discrepancies noted at this time. Complied with TCM SID 97-2B and 97-3B in accordance with TCM directions, no further discrepancies Researched applicable Airworthiness Directives & Airframe mandatory Service Bulletins, compliance at ----END---I certify this Engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. Pertinent details are on file at this agency under ELLIOTT AVIATION OF THE QUAD CITIES, INC. QUAD CITY AIRPORT, MOLINE, IL SIGNED 6 FAA APPROVED REPAIR STATION # CGHR812C

MAINTENANCE RELEASE **Total Tin** UNIT NAME Magneto SERIAL NO. 00033139 PART NO. 63/0 MFG .: Slick Hrs. OVERHAUL REPAIRED TESTED . INSPECTED | FUNCTIONAL TESTED ward The Aircraft component identified above was repaired and/or inspected in accordance wi current regulations of the Federal Aviation Administration and is approved for return service for the work performed. Pertinent details of the repair are on file at this repair station under work order # 536/ OWNER: Cardinal Aircraft DATE: 6-29-05 SIGNED FOR: Bolet C Beis R L B ACCESSORY SERVICE 971 Babbitt Avenue • Addison, Illinois 60101-1221 FAA Approved repair station # KB2R946K 40885 + 4012 Coupetton 100 km FASP EICAR AM CULANEN ocen com I cortify this ENGTHU has been inspected is occordance with a Hanute Inspection and was determined to be in CAMPBELL AIRPORT BRAYSLAKE, ILLINOIS 60030 SLAKE HEINOIS 60030 PH. 312-546-5150 PH. 312-546-5150

The Aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to	opeoial inspections,
Brought Forward  7-19-06 Horrs + toran 532  MAINTENANCE RELEASE  UNIT NAME Magneto SERIAL NO. 00033/36  PART NO. 63/0 MFG: Slick  OVERHAUL REPAIRED TESTED (INSPECTED FUNCTIONAL TESTED The Aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to	
MAINTENANCE RELEASE  UNIT NAME Magneto SERIAL NO. OCO 33136  PART NO. 63/0 MFG: Slick  OVERHAUL REPAIRED TESTED (INSPECTED FUNCTIONAL TESTED The Aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to	
MAINTENANCE RELEASE  UNIT NAME Magneto SERIAL NO. OCO 33136  PART NO. 63/0 MFG: Slick  OVERHAUL REPAIRED TESTED (INSPECTED FUNCTIONAL TESTED)  The Aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to	
PART NO. 63/0 MFG. Slick  OVERHAUL REPAIRED TESTED (INSPECTED FUNCTIONAL TESTED The Aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to	how
PART NO. 63/0  DOVERHAUL REPAIRED TESTED (INSPECTED DEFUNCTIONAL TESTED THE Aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to	5400
PART NO. 63/0  MFG: Slick  OVERHAUL REPAIRED TESTED (INSPECTED DISTURDING FUNCTIONAL TESTED)  The Aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to	Cold
The Aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to	\$5-73
The Aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to	5004r
current regulations of the Federal Aviation Administration and is approved for return to	INLET
Current regulations of the rederal Aviation Administration and to appropriate	. ALL
service for the work performed. Pertinent details of the repair are on file at this repair	UNIETM -
station under work order #6331	110
OWNER: Cardinal Aircraft DATE: 7-13-06 SIGNED FOR: Polit C. Beggy	
R L B ACCESSORY SERVICE	AND SOUTH OF THE PARTY OF THE P
971 Babbitt Avenue • Addison, Illinois 60101-1221	
FAA Approved repair station # KB2R946K	a he le
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Cory (on fell AIR 1174653 700)	10de5305
CARDINAL AIRCRAFT SERVICE CAPOINAL AIRCRAFT SE	SANCE
CAMPBELL AIRPORT CAMPBELL	
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Date	Total	Time	Time Last O		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
7-19-06	Hrs.	Min.	Hrs.	Min.	Installations, inspections, All Worthiness Bilectives, Special Inspections, Modifications and Service Bulletins
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Date	Total	Time		Since verhaul	Engine Service and Maintenance Record
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	FINEFIE ENGINE A/C N# 355SA Installe	Approved repair  AVIATIO  LOG  MAKE  Beech  Ed used serviceable st	MODEL  A36  park plug in bottom of #5  thecked and reinstalled	A/C S/N E-3357 5 cylinder, Cleaned Pressure checked fu	DATE: 1-3-11 HM 825.9 spark plug lead ends fel injector connection	TSMOH  or #5 cylinder, and found no leak.
	FINEFIE ENGINE A/C N# 355SA Installe	Approved repair  AVIATIO  LOG  MAKE  Beech  Ed used serviceable st	MODEL  A36  park plug in bottom of #5  thecked and reinstalled	A/C S/N E-3357 5 cylinder, Cleaned Pressure checked fu	DATE: 1-3-11 HM 825.9 spark plug lead ends fel injector connection	TSMOH  or #5 cylinder, and found no leak.
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Date	Total	Time		Since verhaul	Engine Se	ervice and	Maintenar	ice Record
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1 14 EF 1	ETNIE	ETELL	AVT	ATION				
	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN	INE LO		TILON		armen senji u garirin kila sheke i Samek (i i	DATE: 1-19-	12
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	Char down e pressur	nged oil a engine. R re. Ran u Th	Bed and filter. demoved of up and cho is aircraft for	Cut open oil relief va ecked for l	A36 old oil filter and foundalve, surfaced plunger eaks found none.	E-3357 d no contaminants. , cleaned seat and re	884.3 Added 10 qts. 15W installed with new gto the work described ame: James Finefield	50 Shell oil. Washed gasket. Adjusted oil herein.
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Engine Service and Maintenance Record **Total Time** Time Since Date Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections. Hrs. Min. Min. Hrs. Modifications and Service Bulletins **Brought Forward** FINEFIELD AVIATION DATE: 7-11-13 **ENGINE LOG TSMOH** HM A/C S/N MODEL MAKE A/C N# 923.7 923.7 E-3357 Beech A36 355SA I certify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Compression test: 1) 67/80, 2) 74/80, 3) 75/80, 4) 71/80, 5) 74/80, 6) 74/80. Checked magneto timing to specs. Changed oil and filter. Cut open old oil filter and found no contaminants. Added 10 qts. 15W50 Shell oil. Installed new vacuum pump pad drive seal and gaskets. Cleaned fuel controller screen. Tightened all rocker cover screws. Tightened all induction hose clamps. Cleaned induction air filter. Dressed prop blades. Greased prop hub with Shell #6 grease. Cleaned and gapped spark plugs. Replaced both instrument air filters. Tightened right tail pipe at muffler. Checked engine control rigging and lubed. Performed fuel pressure check of engine fuel system and found no leaks. Washed down engine. Ran up and checked for leaks found none. AD 84-26-02 Induction filter is due for replacement at total time 1227 hrs. This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature Printed Name: James Finefield AP 353483286

For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858 FINEFIELD AVIATION **DATE: 9-25-13** ENGINE LOG **TSMOH** HMA/C S/N MODEL MAKE A/C N# 936 E-3357 A36 Beech 355SA Removed existing Champion RHB32S spark plugs, gapped and installed new Tempest URHB32E spark plugs. This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature: Printed Name: James Finefield AP 353483286

For Finefield Aviation, 8799 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858 FINEFIELD AVIATION **DATE: 4-5-14** ENGINE LOG **TSMOH** MODEL A/C S/N HM MAKE A/C N# 962.6 A36 E-3357 Beech 355SA Changed oil and filter. Took oil sample. Cut open old oil filter and found no contaminants. Serviced engine with 10 qts. 15W50 Shell oil. Washed down engine. Ran up and checked for leaks found none. This aircraft has been found airworthy for return to service, with respect to the work described herein. Authorized Signature: Printed Name: James Finefield AP 353483286 IA
For Finefield Aviation, 8899 Pyott Road, , Lake in the Hills, IL 60156 Phone: 815-459-4858 FINEFIELD AVIATION **DATE: 7-26-14 ENGINE LOG** A/C S/N HM **TSMOH** MODEL MAKE A/C N# A36 E-3357 982.2 982.2 355SA Beech I certify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Compression test: 1) 68/80, 2) 70/80, 3) 70/80, 4) 72/80, 5) 71/80, 6) 72/80. Checked magneto timing to specs. Greased prop hub with Aeroshell #6 grease. Changed oil and filter. Cut open old oil filter and found no contaminants. Serviced engine with 10qts, 15W50 Shell oil. Installed new instrument filters. Cleaned fuel controller inlet screen. Removed, cleaned, inspected, rotated and installed spark plugs. Cleaned spark plug wire ends. Tightened rocker cover screws, Checked induction hose clamps for tightness. Installed a new air conditioning belt and tightened to specs. Cleaned paper induction air filter. Dressed prop blades. Lubed controls and checked rigging. Washed down engine. Ran up and checked for leaks found none. Pressure checked engine fuel

system and found no leaks AD 84-26-02 Induction filter is due for replacement at total time 1227 hrs. This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature: Printed Name: James Finefield Al

For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

Printed Name: James Finefield AP 353483286

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	This aircraft has Authorized Sign For Finefield A	been found airwor ature 4 your viation, 8399 Pyott	cated the engine controls d for leaks found none. 27 hrs. thy for eturn to service the Road, , Lake in the Hills	with respect to the	work described her	o-02 Induction fil
	ENCINET	AVIATION	l.		NAME OF STREET	
	ENGINE LO				DATE: 8-10	-16
	A/C N#	MAKE	MODEL	A/C S/N	TACH	TSMC
	355SA	Beech	nspected I.A.W. an annu	E-3357	1118.9	
	Checked magne engine with 11 of Shell #6 grease. sent for repair a plugs. Tightene checked for leal due at total time This aircraft has Authorized Sign	eto timing to specs.  qts. 15W50 Shell of Tightened all industrial and reinstalled. Cled air conditioning the found none. Proceed 1227 hrs.  The been found air contains the contains air conditioning the second none.	changed oil and filter. Changed induction air filter. Changed indu	Cut open old oil fi Tightened all roceaned fuel controller. Replaced instrumente. Lubed controller system and found the system and foun	e work described here: James Finefield	on taminants. Se Greased prop hub dright exhaust state and gapped ing. Ran up and -26-02 Induction frein.

	Tota	Time	Time Last O	Since verhaul	Engine	Service a	and Mainte	enance Record
rought Forward	Hrs.	Min.	Hrs.	Min.	Installations	s, Inspections, Air	worthiness Direct	tives, Special Inspections,
Tought Forward		-						
FI	VEFIEL	O AVI	ATION				/	
	GINE LO						DATE: 4-25-	<u> </u>
A	/C N#	N	<b>IAKE</b>		MODEL	A/C S/N	TACH	TSMOH
355	SA	]	Beech		A36	E-3357	1168.3	
Char	nged oil and	filter.	Took oil sa	mple. Cu	at open old oil fi	ilter and found no c	contaminants. Servi	ced engine with 10
This Auth	aircraft has	s been for	und ajrwoi	thy for re	turn to service	Printed Nan S, IL 60156 Phone	work described here ne: James Finefield	AP 353483286 IA
- 330	FINEFI	ELD A	VIATI	ON				
	ENGINE	LOG					DATE	
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3	355SA		Beech		A36	E-3357	- Titell	ТЅМОН
1	certify that	this eng	ine has hee	n inchest	ad I A IV		1175.3	be in airworthy condition 0, 5) 72/80, 6) 74/80.
ir le	nstalled and eaks. Washeplacement.	es, ok. R torqued. ed down Due aga	er screws. Leplaced in: Lubed en engine. Rain for repl.	Tightener strument a gine contra an up and accement i	d all hose clampair inline filter. rols and checked checked for lea in 500 hrs. AD	Removed spark plud rigging. Pressure ks found none. C/2017-04-06 Contin	ion of Tanis heater ags, cleaned, inspec checked engine fue W AD 84-26-02 Indiantal Motors Inc. F	Cl cylinders D N A d.
is irrelations of the second s	nstalled and eaks. Washeplacement. Continenta this aircraft uthorized Spor Finefield	es, ok. R torqued. ed down Due aga al cylinde nas been ignature Aviation	er screws. Lubed en Lubed en engine. Ra ain for repl ers being in found air n, 83/99 Pyo	Tightene strument a gine contra an up and accement i stalled. A corthy for the tott Road,	d all hose clamp air inline filter. rols and checked checked for lea in 500 hrs. AD AD is now satisf	ss. Checked operat Removed spark plud rigging. Pressure ks found none. C/2 2017-04-06 Continued.	ion of Tanis heater igs, cleaned, inspec checked engine fue W AD 84-26-02 Indianal iental Motors Inc. E	magneto timing to specs. system, ok. Checked ted, gapped, rotated, el system and found no fuction filter by CI cylinders D.N.A. due
is ir	nstalled and eaks. Washi- pplacement. Continenta his aircraft i uthorized S or Finefield	es, ok. R torqued. ed down Due aga al cylinde nas been ignature Aviation	er screws. Lubed en Lubed en engine. Ra ain for repl ers being in found air n, 83/99 Pyo	Tightene strument a gine contra an up and accement i stalled. A corthy for the tott Road,	d all hose clamp air inline filter. rols and checked checked for lea in 500 hrs. AD AD is now satisf	os. Checked operat Removed spark plud rigging. Pressure ks found none. C/2017-04-06 Continued.	ion of Tanis heater igs, cleaned, inspec checked engine fue W AD 84-26-02 Indiental Motors Inc. E e work described he ame: James Finefiel ie: 815-459-4858	magneto timing to specs. system, ok. Checked ted, gapped, rotated, al system and found no fuction filter by CI cylinders D.N.A. due crein. dd AP 353483286 IA
iir le to	arter brushnastalled and seaks. Washneplacement. O Continentathis aircraft authorized Sor Finefield INEFIE	es, ok. R torqued. ed down Due aga al cylinde nas been ignature Aviation	er screws. Lubed en Lubed en engine. Ra ain for repl ers being in found air n, 83/99 Pyo	Tightene strument a gine contra an up and accement i stalled. A corthy for the tott Road,	d all hose clamp air inline filter. rols and checked checked for lea in 500 hrs. AD AD is now satisf	os. Checked operat Removed spark plud rigging. Pressure ks found none. C/2017-04-06 Continued.	cramps. Checked in one of Tanis heater ags, cleaned, inspec checked engine fue W AD 84-26-02 Indiental Motors Inc. E e work described heame: James Finefiele: 815-459-4858	magneto timing to specs. system, ok. Checked ted, gapped, rotated, el system and found no luction filter by ICI cylinders D.N.A. due erein. Id AP 353483286 IA
si ii le re to	parter brushnstalled and caks. Washeplacement. Continenta his aircraft uthorized S or Finefield INEFIE ENGINE A/C N#	es, ok. R torqued. ed down Due agad cylinde has been ignatured Aviation	er screws. eplaced in Lubed en engine. R. ain for replers being in found air n, 8300 Pyo MAKE Beech	Tightene strument a gine contra nup and accement i stalled. A cort of the transfer of the tran	d all hose clampair inline filter. rols and checked checked for lea in 500 hrs. AD AD is now satisf to the filter of the filter	os. Checked operat Removed spark plut d rigging. Pressure ks found none. C/' 2017-04-06 Contir ied. Printed N Ills, IL 60156 Phon	cramps. Checked in the control of th	magneto timing to specs. system, ok. Checked ted, gapped, rotated, el system and found no luction filter by CI cylinders D.N.A. due erein. ld AP 353483286 IA  8-18  TSMOH
si ii le re too TT A A Fo	statled and baks. Wash placement. Continents this aircraft tuthorized S or Finefield INFERIOR. A/C N# 555A stalled and his aircraft to the statement of the sta	es, ok. R torqued. ed down Due agaal cylinde has been ignature. Aviation LOG	er screws. eplaced in Lubed en engine. Ri ain for repl production of the control many control ma	Tightene strument a gine contra nup and accement i stalled. A corthy for the tott Road, condition condition	d all hose clampair inline filter, rols and checked checked for lea n 500 hrs. AD AD is now satisfication to service the checked for lea n 500 hrs. AD Lake in the Hi	os. Checked operat Removed spark plut d rigging. Pressure ks found none. C/ 2017-04-06 Contir ied. Printed N Printed N Ils, IL 60156 Phon  A/C S/N  E-3357 r belt. Charged air	DATE: 5-16  DATE: 5-16  TACH  1216.6  conditioning syster	magneto timing to specs. system, ok. Checked ted, gapped, rotated, el system and found no luction filter by CI cylinders D.N.A. due erein. Id AP 353483286 IA  TSMOH  TSMOH
si ii le re too TT A A Fo	statled and baks. Wash placement. Continents this aircraft tuthorized S or Finefield INFERIOR. A/C N# 555A stalled and his aircraft to the statement of the sta	es, ok. R torqued. ed down Due agaal cylinde has been ignature. Aviation LOG	er screws. eplaced in Lubed en engine. Ri ain for repl production of the control many control ma	Tightene strument a gine contra nup and accement i stalled. A corthy for the tott Road, condition condition	d all hose clampair inline filter, rols and checked checked for lea n 500 hrs. AD AD is now satisfication to service the checked for lea n 500 hrs. AD Lake in the Hi	os. Checked operat Removed spark plut d rigging. Pressure ks found none. C/ 2017-04-06 Contir ied. Printed N Printed N Ils, IL 60156 Phon  A/C S/N  E-3357 r belt. Charged air	DATE: 5-16  DATE: 5-16  TACH  1216.6  conditioning syster	magneto timing to specs. system, ok. Checked ted, gapped, rotated, al system and found no fuction filter by CI cylinders D.N.A. due serein. dd AP 353483286 IA TSMOH
SSI in learning to the state of	statled and baks. Wash placement. Continents this aircraft tuthorized S or Finefield INFERIOR. A/C N# 555A stalled and his aircraft to the statement of the sta	es, ok. R torqued. ed down Due agaal cylinde has been ignature. Aviation LOG	er screws. eplaced in Lubed en engine. Ri ain for repl production of the control many control ma	Tightene strument a gine contra nup and accement i stalled. A corthy for the tott Road, condition condition	d all hose clampair inline filter, rols and checked checked for lea n 500 hrs. AD AD is now satisfication to service the checked for lea n 500 hrs. AD Lake in the Hi	os. Checked operat Removed spark plut d rigging. Pressure ks found none. C/ 2017-04-06 Contir ied. Printed N Printed N Ils, IL 60156 Phon  A/C S/N  E-3357 r belt. Charged air	DATE: 5-16  DATE: 5-16  TACH  1216.6  conditioning syster	magneto timing to specs. system, ok. Checked ted, gapped, rotated, el system and found no luction filter by CI cylinders D.N.A. due crein. dd AP 353483286 IA  TSMOH

Engine Service and Maintenance Record Time Since **Total Time** Installations, Inspections, Airworthiness Directives, Special Inspections Last Overhaul Date Modifications and Service Bulletins Min. Min. Hrs FINEFIELD AVIATION ht Forward DATE: 10-4-18 ENGINE LOG A/C S/N TACH MODEL TSMOH MAKE A/C N# E-3357 1228 A36 1228 Beech 355SA Legrify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condi LA.W. the Beech maintenance manual. Compression test: 1) 75/80, 2) 68/80, 3) 68/80, 4) 68/80, 5) 68/80, 6) 72/80. Checked magneto timing to specs. Changed oil and filter. Cut open old oil filter and found no metal contaminants. Serviced engine with 10 qts. 15W50 Shell oil. Installed new instrument system inlet and inline filters. Removed fuel controller screen, cleaned, reinstalled with a new gasket and safetied. Removed spark plugs, cleaned, gapped, reinstalled and torqued. Cleaned spark plug wire ends. Tightened intake and exhaust flange nuts and bolts. Tightened induction hose clamps. Removed paper induction air filter, cleaned and reinstalled. Tightened valve cover screws. Dressed pro blades. Tightened air conditioning belt. Removed magnetos for 500 hr. inspection; Left magneto Slick 6310 s/n: 00033136, right magneto Slick 6310 s/n: 00033139. Reinstalled the magnetos and timed to engine using new drive rubbers and gaskets. Fabricated six new engine fluid carrying hoses reusing old fittings and firesleeve and 3 hoses mad up by RLB Accessory. Lubed prop using Aeroshell 6grease. Checked starter brushes. Installed a new section of vinyl fuel drain hose when the standby dry air pump assembly was removed for nose gear door hinge bushing replacement. Raised the right tailpipe at the hangar and retightened the clamp bolt. Tightened the right tailpipe at the hangar Checked the engine control rigging and lubricated. Performed an engine fuel system pressure check and found no leaks. Washed down the engine. Ran up and checked for leaks found none. AD 84-26-02 Induction filter is due for replacement in 447.3 hrs. This aircraft has been found airworthy for the role to service with respect to the work described herein. Authorized Signature: Printed Name: James Finefi
For Finefield Aviation. 8899 Pvott Road. Lake in the Hills, IL 60156 Phone: 815-459-4858 Printed Name: James Finefield AP 353483286 IA Finefield Aviation Serv Date: 5/14/19 4023 **ENGINE** Log Aircraft Type S/N: Tach: TSMOH: TTAF: Hobbs 355SA BEECH-A36 E-3357 1244.2 0 0 Changed oil and filter. Cut open old oil filter and found no metal contaminants. Serviced engine with 10 qts. 15W50 Shell oil. | Washed down engine. | Ran up and checked for leaks found none. This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature: Jun Touche Merinted Name: James Finefield AP 353483286 IA For Finefield Aviation, \$399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858 4023 4008 Serv Date: 10/16/19 Finefield Aviation **ENGINE** Log Aircraft Hobbs TTAF: Type S/N: Tach: TSMOH: 1248.6 355SA 1248.6 BEECH-A36 E-3357 1248.6 1248.6 I certify this Engine has been inspected I.A.W. with an ANNUAL INSPECTION, and was determined to be in airworthy condtion, I.A.W. the BEECH maintenance manual. Compression test: 1)76/80, 2) 68/80, 3) 72/80, 4) 68/80, 5) 72/80, 6) 74/80. | Checked magneto timing to specs. | Changed oil and filter. Cut open old oil filter and found no metal contaminants. Serviced engine with 10 qts. of 15W50 Shell oil. | Tightened valve cover screws. | Cleaned, gapped and reinstalled spark plugs. | Removed fuel controller screen, cleaned, reinstalled and safetied. | Cleaned paper induction air filter and reinstalled. | Tightened intake and exhaust flange nuts and bolts. | Cleaned and installed spark plug wire ends. Tightened induction hose clamps. | Lubed prop hub. | Dressed prop blade leading edges. | Washed down engine. | Replaced instrument inlet and inline air filters. | AD 84-26-02 Induction filter is due for replacement in 426.7 hrs. This aircraft has been found airworthy for return to service with respect to the work described herein. Tuegele Printed Name: James Finefield AP 353483286 IA Authorized Signature 4008 For Finefield Aviation 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

Date	Tota	al Time	Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,						
	Hrs.	Min.	Hrs.	Min.	Insta	illations, li ifications :	nspections, and Service	Airworthine Bulletins	ss Directives	s, Special I	nspections,
ought Fon	ward —	-						-			4
Fine	field A	viati	on		E	ENGINE	E Log Ser	/ Date: 1	0/21/20		4311
Aircraft	Туре		S/N:			Tach:	TSMOH:	TTAF:	Hobbs		
355SA	BEECH-	436	E-335	7		0	1291.8	1291.8	1291.8		-
gapped, i screen, cl to right re mount.   I Washed o leaks.   L	d.   Tightened nspected, insileaned, reinst- ear engine Lo Lubed upper down engine. ubed engine of the three transfers of the diff has been and disignature.	talled and alled and rd moun cowl com   Ran up controls	d torqued I safetied. It heat shid atrols.   Dr and check worthy for	spark plu   Tighten eld, loose ressed pro- ked for le ked riggin return to	ags.   Coned independent of the coned and opeller eaks for g.   AD service	Cleaned an uction houd position blade lea bund none of 84-26-02 e with res	nd installed see clamps. In the correctly ding edges. In the large control of the large contr	park plug v Removed the the heat she Checked shecked eng filter is due work describ	vire ends.   R ne intercoole tield and toro tarter brushe tine fuel syste for replacen ped herein.	emoved for hose to gued the ends, checked em and for hent in 383	uel controller gain access – ngine lord – l ok.   und no –
inef	ield Av	/iatio	on		E	NGINE	Log Serv	Date: 10	/22/21		4618
Aircraft 355SA	Type BEECH-A	36	S/N: E-3357		Т	NGINE fach: 0	TSMOH: 1348.1	<b>TTAF:</b> 1348.1	Hobbs 1348.1	to be in	
Aircraft 355SA I certify thi condtion, I 70/80.   Ins Cleaned fu #6.   Chang 15W50 Sh alternator s checked op and checke replacemer his aircraft	Type  BEECH-A: is Engine has i.A.W. the BE stalled new #2 iel controller ged oil and fil gell oil.   Instal s/n: 029316 fi peration, chece ded rigging.   P int in 327.2 hr has been for Signature	been ins EECH ma 2 cylinde screen, reter. Cut lled new yom serv ked ok.   ressure c	S/N: E-3357 pected I.A aintenance r fuel inje cinetialled open old instrumet ice and in Washed checked en	A.W. with a manual. actor o-rir and safet oil filter nt inline a stalled ar down engine fue	n an Al Compings and tied.   T and for and inle n overh gine.   I I system	NNUAL I ression ter i washer. Fightened und no met filters. Inauled alter Ran up and mand fou with respective Naries Nari	TSMOH: 1348.1 INSPECTIO Sit: 1) 72/80, Leak check rocker cove etal contami Installed 6 ernator p/n: Ind checked found no leaks ect to the wo	TTAF: 1348.1 N, and wa: 2) 65/80, 3 ook.   Check or screws.   4 or leaks for	Hobbs 1348.1 s determined ) 72/80, 4) 6 ed magneto to Greased propiced engine est spark plus n: 06319542 and none.   L 6-07 Induction ed herein. 353483286	8/80, 5) 6 timing to so hub with with 11 q gs.   Remo C. Ran up ubed engi on filter is	irworthy 4/80, 6) specs.   Aeroshell ts. of oved and ne controls s due for
Aircraft 355SA I certify thi condtion, I 70/80.   Ins Cleaned fu #6.   Chang 15W50 Sh alternator s checked op and checke replacemer his aircraft	Type  BEECH-A: is Engine has i.A.W. the BE stalled new #2 iel controller r ged oil and fil ell oil.   Instal peration, chece d rigging.   P int in 327.2 hr has been for	been ins EECH ma 2 cylinde screen, reter. Cut lled new yom serv ked ok.   ressure c	S/N: E-3357 pected I.A aintenance r fuel inje cinetialled open old instrumet ice and in Washed checked en	A.W. with a manual. actor o-rir and safet oil filter nt inline a stalled ar down engine fue	n an Al Compings and tied.   T and for and inle n overh gine.   I I system	NNUAL I ression ter i washer. Fightened und no met filters. Inauled alter Ran up and mand fou with respective Naries Nari	TSMOH: 1348.1 INSPECTIO Sit: 1) 72/80, Leak check rocker cove etal contami Installed 6 ernator p/n: Ind checked found no leaks ect to the wo	TTAF: 1348.1 N, and wa: 2) 65/80, 3 ook.   Check or screws.   4 or leaks for	Hobbs 1348.1 s determined ) 72/80, 4) 6 ed magneto to Greased propiced engine est spark plus n: 06319542 and none.   L 6-07 Induction ed herein. 353483286	8/80, 5) 6 timing to so hub with with 11 q gs.   Remo C. Ran up ubed engi on filter is	irworthy 4/80, 6) specs.   Aeroshell ts. of oved and ne controls

Engine Service and Maintenance Record Date Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Min. Hrs. Hrs. Min. Modifications and Service Bulletins **Finefield Aviation** Serv Date: 12/20/22 **ENGINE** Log 4914 S/N: Aircraft Type TSMOH: Tach: TTAF: Hobbs BEECH-A36 E-3357 355SA 1379.2 1379.2 1379.2 I certify this Engine has been inspected I.A.W. with an ANNUAL INSPECTION, and was determined to be in airworthy condtion, I.A.W. the BEECH maintenance manual. Compression test: 1) 64/80, 2) 64/80, 3) 64/80, 4) 60/80, 5) 52/80, 6) 66/80. Boroscoped all cylinders and found no abnormalities. | Changed oil and filter. Cut open old oil filter and found no metal contaminants. Serviced engine with 11 qts. of 15W50 Aeroshell oil. Installed new instrument system inline and inlet filters. | Checked magneto timing to specs. | Removed fuel controller screen, cleaned, reinstalled and safetied. | Tightened induction hose clamps. | Tightened pressure air system hose clamps. | Lubed prop hub with Aeroshell #6 grease. | Dressed propeller blade leading edges. | Cleaned paper induction air filter and reinstalled. Filter due for replacement in 296.1 hrs. Checked starter brushes, ok. | Cleaned, gapped, inspected and reinstalled spark plugs. | Cleaned and installed spark plug wire ends. | Removed cowl flaps and reinstalled properly. | Lubed wastegate with mouse milk and operated. | Lubed engine controls and checked rigging. The turbo charger tail pipe clamp must be replaced by 8-2024 or at hobbs time 1683.1 hrs. whichever comes first I.A.W. Tornado Alley turbo Inc. | Removed primary alternator for 500 hr inspection p/n: 649304 s/n: K020002. Reinstalled repaired alternator using a new gasket. | Washed down engine. | Ran up and checked for leaks found none. Pressure checked engine fuel system and found no leaks. | AD 84-26-02 Induction filter is due for replacement in 296.1 hrs. C/W S/B 18-04A Continental Motors Inc. inspection of thru bolt flanged nuts with (ZB) stamped on them. Found no stamped nuts. S/B is now satisfied. | The turbocharger tail pipe clamp must be replaced by 8/2024 or at 1683.1 hrs. whichever comes first I.A.W. Tornado Alley turbo Inc. This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature Ain Tempell Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858 4914 5018 Serv Date: 5/17/23 **Finefield Aviation ENGINE** Log TTAF: Hobbs TSMOH: S/N: Tach: Aircraft Type 1401.6 0 1401.6 0 E-3357 BEECH-A36 355SA Changed oil and filter. Cut open old oil filter and found no metal contaminants. Serviced engine with 10 qts. of 15W50 Shell oil. | Ran engine and serviced airconditioning system with 3 cans of freon. | Washed down engine. | Ran up and checked for leaks found none. This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature: 4 Linefield Printed Name: Justin Finefield AP: 3107379IA For Finefield Aviation, 8399 Pyott Road, , Lake in the Hills, IL 60156 Phone: 815-459-4858 5018 5087 Serv Date: 8/9/23 ENGINE Log Finefield Aviation Hobbs TTAF: TSMOH: Tach: S/N: Aircraft Type 1406.2 E-3357 BEECH-A36 Air conditioning is not blowing out cold air. Found fitting on compressor leaking and loose. Removed hose fitting and found o-ring broken. Replaced o-ring and reinstalled hose and tightened. Connected aircraft gauges to high and low side and serviced airconditioning system with freon while engine was running. This aircraft has been found airworthy for return to service with respect to the work described herein. Frinted Name: Justin Finefield AP: 3107379IA Authorized Signature: Chalin-For Finefield Aviation, 8399 Pyott Road, , Lake in the Hills, IL 60156 Phone: 815-459-4858 5087

Total Time

Time Since

Date **Total Time** Time Since Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Hrs Min Hrs Min. Modifications and Service Bulletins **Brought Forward Finefield Aviation** Serv Date: 10/9/23 5150 **ENGINE** Log Aircraft Type S/N: Tach: TSMOH: TTAF: Hobbs 355SA BEECH-A36 E-3357 1408 6 1408.6 1408 6 I certify this Engine has been inspected I.A.W. with an ANNUAL INSPECTION, and was determined to be in airworthy condtion, I.A.W. the BEECH maintenance manual.Compression test: 1) 70/80, 2) 64/80, 3) 62/80, 4) 72/80, 5) 65/80, 6) 72/80. | Changed oil and filter. Cut open old oil filter and found no metal contaminants. Serviced engine with 11 qts. of 15W50 Shell oil. | Checked magneto timing to specs. | Tightened rocker cover screws. | Tightened intake and exhaust nuts and bolts. | Cleaned induction filter and reinstalled. | Cleaned fuel controller screen, reinstalled and safetied. | Tightened induction tube hose clamps. | Cleaned, inspected, gapped and reinstalled spark plugs. | Replaced instrument inlet and inline filters. | Greased prop hub with Aeroshell #6 grease. | Dressed propeller blade leading edges. | Air conditioning hose fitting is leaking at flare fitting. Found hose fitting loose. Tightened base and serviced air conditioner with 3 cans of freon 134A. Washed down engine. | Ran up and checked for leaks found none. | Lubed engine controls and checked rigging. | Pressure checked engine fuel system and found no leaks. AD 84-26-02 Induction filter is due for replacement in 266.7 hrs. AD 2001-08-08 The turbocharger tail pipe clamp must be replaced by 8/2024 or at 1653.7 hrs whichever comes first I.A.W. Tornado Alley turbo Inc. | AD 2023-02-12 Continental Aerospace Technologies crankshaft counterweight retaining rings D.N>A. to engine due to not having been disassembled for snap ring access in last 3 years. | AD 2023-09-09 V-band coupling at turbo charger tailpipe D.N.A. due to clamps being in compliance to AD 2001-08-08 based on chapter 2 paragraph (d)(6). | AD 2023-05-16 Continental Aerospace Technologies Inc. intake valves D.N.A. due to cylinders not being off in last 4 years. This aircraft has been found airworthy for return to service with respect to the work described herein. Authorized Signature: Linu Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, 8399 Pyott Road, Vake in the Hills, IL 60156 Phone: 815-459-4858 5150 Serv Date: 5/23/24 5359 Finefield Aviation **ENGINE** Log S/N: Tach: TSMOH: TTAF: Hobbs Aircraft Type E-3357 0 BFFCH-A36 1431.6 355SA Changed oil and filter. Cut open old oil filter and found no metal contaminants. Serviced engine with 11 qts, of 15W50 Shell oil. | Washed down engine. | Ran up and checked for leaks found none. This aircraft has been found airworthy for return to service with respect to the work described herein. Friefield Printed Name: Justin Finefield AP: 31073791A Serv Date: 9/23/24 5423 Finefield Aviation **ENGINE** Log S/N: Tach: TSMOH: TTAF: Hobbs Aircraft E-3357 1437 1437 BEECH-A36 1437 355SA I certify this Engine has been inspected I.A.W. with an ANNUAL INSPECTION, and was determined to be in airworthy condtion, I.A.W. the BEECH maintenance manual. Compression test: 1) 66/80, 2) 63/80, 3) 66/80, 4) 73/80, 5) 64/80, 6) 71/80. | Checked magneto timing to specs. | Removed Hartzell propeller p/n: PHC-C3YF-1RF s/n; EE3613B sent to Tiffin Aire for overhaul and reinstalled. | Tightened rocker cover screws. | Tightened intake and exhaust nuts and bolts. | Tightened induction tube hose clamps. | Removed, cleaned, inspected fuel controller, reinstalled and safetied. | Lubricated turbo wastegate with mouse milk. Replaced primary instrument filters. Removed spark plugs, cleaned, gapped, inspected, reinstalled and torqued. | Removed, cleaned, inspected and installed spark plug leads. | Washed down engine. | Ran up and checked for leaks found none. | Lubed engine controls and checked rigging, | Pressure checked engine fuel system and found no leaks. AD 84-26-02 Induction filter is due for replacement in 238.3 hrs. AD 2001-08-08 The turbocharger tail pipe clamp must be replaced by total time of 1837 hrs. | AD 2023-09-09 V band coupling at turbocharger tailpipe D.N.A. due to clamps being in compliance to AD 2001-08-08 based on chapter 2 paragraph (d)(6). This aircraft has been found airwerthy for return to service with respect to the work described herein. Authorized Signature Jem Trungle Printed Name: James Finefield AP 353483286 IA For Finefield Aviation, \$399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858 5423