

MRK AVIATION
Attn: JIM SCHALL
44050 RUSSIA RD

Aircraft: SR22
S/N: 598
Tail No.: N553MC

Date: 12/3/2025
Engine S/N: 1008866
Engine Model: CONT. T550

ELYRIA OH 44035
United States

Values in (parenthesis) below your results are average values from all our analysis data for the same engine model with similar engine hours and oil hours. See www.avlab.com/explain for detailed explanation of the statistical analysis used with your laboratory results.

CURRENT SAMPLE	SAMPLE APPEARS NORMAL. Send next sample at normal interval.											Normal	Elevated	High		
Sample Date: 11/24/2025 Analysis Date: 12/2/2025 Sample Number: P18 Cylinder Type: steel TSN/TSO: 7.1 Oil Hours: 7.1 Filter Hours: 7.1 Oil Added: Filter Wt. (mgs): Flashpoint(deg. F): H2O (ppm): Total Acid No.:	*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***															
	Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.				
	78.5	6.5	2.2	2.7	N/A	N/A	8.2	930	< 0.1	N/A	1.1	N/A				
	(92.0)	(12.3)	(2.9)	(4.5)			(4.0)	(891)	(11.1)		(0.4)					
	*** FILTER ANALYSIS RESULTS ***															
	Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.					
	Amount:															
	Type:															
	Form:															
	Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.															

1. Approving Civil Aviation Authority / Country: FAA / UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 2025-9931
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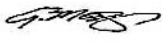
4. Organization Name and Address: HYFAST Aircraft Engines 12313 Plaza Drive Parma, OH 44130	5. Work Order/Contract/Invoice Number: 9931-1
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6. Item:	7. Description:	8. Part Number:	9. Qty.:	10. Serial Number:	11. Status/Work:
1	Engine Assembly Continental	TSIO550-K1B	1	1008866	REPAIRED

12. REMARKS:
 Complied with Continental Aerospace Technologies Inc. publication M-0, Rev.1 Change 6 section 6.5.1.1 for propeller strikes. Inspected and repaired as necessary IAW Continental Aerospace Technologies Inc. publication M-18 & Online IPC. AD compliance verified through 2023-09-09. Dynamometer test results satisfactory. OVH Starter Adapter, OVH Fuel Pump & OVH Magnetos certified and reinstalled as required.

An Overhauled fuel pump has been installed and fuel parameters MUST be verified and/or adjusted prior to return to service: Cirrus sets up the TSIO-550-K engine to different fuel specifications than the engine type certified configuration by Continental based on the aircraft type certification. Fuel parameters MUST be verified Post Engine Installation with the flight propeller installed IAW SR22T Maintenance Manual and AFM/POH installed fuel settings. Reference Continental pub. M-0 section 6-4.7 as required.

TSMO 830.0
 TT 830.0

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in the condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature	13c. Approval/Authorization No.	14b. Authorized Signature 	14c. Approval/Certificate No: 7HAR429C
13d. Name (Typed or Printed)	13e. Date (dd/mm/yyyy)	14d. Name (Typed or Printed): George Masavage	14e. Date (dd/mm/yyyy): 24/APR/2025

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

CUSTOMER WO DETAILS

WO # 9931-IRN pg 1

HYFAST Aircraft Engines

FAA Certified Repair Station # 7HAR429C

Cust Code: STAV Phone: 330-499-9790

Steiner Aviation
5430 Lauby Road
Unit 17
North Canton, OH 44720 USA

Cust PO#	Verbal John
Quote #	475
Last Inv #	251
Discrep.	TSIO550-K1B Prop Strike

A/C Tail #	N553MC	Hrs	830.0
A/C Make	CONTINENTAL		
A/C Model	TSIO550-K1B	Ser#	1008866
Open Date	Nov-18-2024 Monday		
Promised			
Started	Dec-12-2024 Thursday		
Finished	Apr-24-2025 Thursday		
Printed	May-12-2025 Monday 16:34		

TASK 1 CP CONTINENTAL Prop Strike M-0

STARTED: THU Dec-12-2024 FINISHED: FRI Apr-25-2025

COMP DESCR: Engine Assembly MOD#: TSIO550-K1B SER#: 1008866 MANUAL#: M-0 / M-16 / Online IPC

Belt driven alternator bracket cracked in half.

Crankshaft rear main journal damaged, all Cyl. Barrels corroded, both Gov. bevel gears fretted, Camshaft spalled, Starter Adapt. O/L

Complied with Continental Aerospace Technologies Inc. publication M-0, Rev.1 Change 6 section 6.5.1.1 for propeller strikes. Inspected and repaired as necessary IAW Continental Aerospace Technologies Inc. publication M-18 & Online IPC. AD compliance verified through 2023-09-09. Dynamometer test results satisfactory. OVH Starter Adapter, OVH Fuel Pump & OVH Magnetos certified and reinstalled as required.

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SMO 830.0
TT 830.0

DATE	EMPL	DESCRIPTION	BILL_HRS
EQUIP MODEL	SER	DESCRIPTION	VENDOR_QTY
PART NUMBER	SKU	DESCRIPTION	QTY
630979-20		12125 O RING FUEL RESISTANT	1.00
B#:12125 PO-Ref:PO-11206 Vcode:BODI P&E#:730			
MS20500-428	10	PACK 11821 NUT HEX LOCK .25-28	2.00
B#:11821 PO-Ref:PO-11076 Vcode:AEPE P&E#:532			
10-357520		11137 GASKET PRESSURIZED MAG	2.00
B#:11137 Vcode:BODI			
MS21266-1N		9782 GROMMET - CATERPILLAR 13	1.00
B#:9782 PO-Ref:PO-11002 Vcode:BODI P&E#:401			
AN315-4R		9210 NUT FULL HEX	100.00
B#:9210 PO-Ref:PO-10956 Vcode:PRAI P&E#:314			
630979-9		7987 O RING FUEL RESISTANT	3.00
B#:7987 PO-Ref:UNK Vcode:BODI			
630979-9		10498 O RING FUEL RESISTANT	11.00
B#:10498 PO-Ref:UNK Vcode:BODI			
630979-9		11120 O RING FUEL RESISTANT	2.00
B#:11120 PO-Ref:UNK Vcode:BODI			
AN123862		6873 O RING SEAL 0.36 ID N	2.00
B#:6873 PO-Ref:PO-10825 Vcode:BODI P&E#:84			
MS35769-11		11825 GASKET COPPER	2.00
B#:11825 PO-Ref:PO-11076 Vcode:AEPE P&E#:532			
MS9970-116		11754 SEAL O RING .842 OD	1.00
B#:11754 PO-Ref:PO-11175 Vcode:AEPE P&E#:686			
MS9970-117		8655 O RING 0.903 O.D.	1.00
B#:8655 PO-Ref:9722 Vcode:BODI			
AS3578-038		9136 O RING	1.00
B#:9136 PO-Ref:10542 Vcode:BODI			
o53470		12212 GASKET S/ADAPTER TO C/C	1.00
B#:12212 PO-Ref:PO-11213 P&E#:741			
MS35769-15		9388 GASKET COPPER	1.00
B#:9388 PO-Ref:10940 Vcode:AEPE			
MS35769-12		9131 GASKET COPPER CRUSH	1.00
B#:9131 PO-Ref:10337 Vcode:AEPE			
649954		11108 GASKET MAGNETO	2.00

CUSTOMER WO DETAILS

WO # 9931-IRN pg 2

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Unit 17
North Canton, OH 44720 USA

Cust PO#	Verbal John
Quote #	475
Last Inv #	251
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A/C Make	CONTINENTAL		
A/C Model	TSIO550-K1B	Ser#	1008866
Open Date	Nov-18-2024 Monday		
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B#:11108 PO-Ref:UNK		
649982	9828 GASKET FUEL PUMP ADAPTER	1.00
B#:9828 PO-Ref:PO-11003 Vcode:BODI P&E#:402		
MS29513-138	8634 O RING 2.112 ID X .103 S	1.00
B#:8634 PO-Ref:10214 Vcode:BODI		
CH48108-1	13573 FILTER OIL CHAMPION	1.00
B#:13573 PO-Ref:PO-11307 Vcode:SOCR P&E#:877		
MS20500-428	13574 NUT LOCK .25-28	4.00
B#:13574 PO-Ref:PO-11307 Vcode:SOCR P&E#:877		
MS35206-244	13576 SCREW MACHINE	1.00
B#:13576 PO-Ref:PO-11307 Vcode:SOCR P&E#:877		
MS35842-13	13578 CLAMP - LOOP PR	4.00
B#:13578 PO-Ref:PO-11307 Vcode:SOCR P&E#:877		
NAS1805-4	13579 NUT-SELF LOCKING	2.00
B#:13579 PO-Ref:PO-11307 Vcode:SOCR P&E#:877		
630899	13582 BEARING-ROLLER .62 LG	1.00
B#:13582 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
53359	13583 COUPLING-CRKSH GEAR	1.00
B#:13583 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
649965	13584 GASKET BREATHER 2.81X1.1	1.00
B#:13584 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
X1473	13585 WASHER COPPER 0.3125 X .	7.00
B#:13585 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
654828	13586 GASKET IDLER PIN	1.00
B#:13586 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
657618	13587 BOLT-5/16-18 X 7/8	4.00
B#:13587 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
654085	13588 GEAR BEVEL GOV DRIVE	1.00
B#:13588 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
634503M010	13589 BEARING - CRANKSHAFT MAI	6.00
B#:13589 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
649981	13590 GASKET GOV PAD 2.76X3.03	1.00
B#:13590 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
655269	13591 BUSHING-MAG DRIVE COUP	4.00
B#:13591 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
654490	13592 NUT CASTLE CONN ROD 0.44	12.00
B#:13592 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
633958-2	13593 SEAL COMP 0.15 ID X 0.21	6.00
B#:13593 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
641909	13594 PLATE - TAB LOCK	2.00
B#:13594 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
632762	13595 NUT-ELASTIC STOP .31-24	1.00
B#:13595 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
646565A2	13596 GASKET SET-TOP O/N,SINGL	2.00
B#:13596 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
501868	13597 WASHER - TAB .33 DIA ID	24.00
B#:13597 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
646868	13599 SUPPORT BAFFLE	1.00
B#:13599 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
5102	13600 OIL SEAL 0.81 ID X 1.25	2.00
B#:13600 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
653981	13601 GASKET GENERATOR	1.00
B#:13601 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
641250	13602 SEAL ASSEMBLY NOSE	1.00
B#:13602 PO-Ref:PO-11308 Vcode:BODI P&E#:878		
633958-3	13603 SEAL COMP 0.21 ID x 0.23	6.00
B#:13603 PO-Ref:PO-11308 Vcode:BODI P&E#:878		

CUSTOMER WO DETAILS

WO # 9931-IRN pg 3

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Cust PO#	Verbal John
Quote #	475
Last Inv #	251
Discrep.	TSIO550-K1B Prop Strike

A/C Tail #	N553MC	Hrs	830.0
A/C Make	CONTINENTAL		
A/C Model	TSIO550-K1B	Ser#	1008866
Open Date	Nov-18-2024 Monday		
Promised			
Started	Dec-12-2024 Thursday		
Finished	Apr-24-2025 Thursday		
Printed	May-12-2025 Monday 16:34		

649949	13604 GASKET OIL PUMP 8.82X3.8	1.00
B#:13604	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
629747	13605 GEAR BEVEL GOV DRIVEN	1.00
B#:13605	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
633958-5	13606 SEAL COMP 0.34ID x 0.29	3.00
B#:13606	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
649989	13607 GASKET OIL COOLER TO CRA	2.00
B#:13607	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
658712M010	13609 BEARING CRANKSHAFT MAIN	4.00
B#:13609	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
653415	13610 GASKET CAM HOLE COVER	1.00
B#:13610	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
658710	13611 BEARING: CONNECTING ROD	12.00
B#:13611	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
652436-1	13612 CLAMP ASSY-TUBE	6.00
B#:13612	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
649205	13613 SCREW .31-24 x .41 HEX H	4.00
B#:13613	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
66990	13614 SCREW 0.3125-24X.88	6.00
B#:13614	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
AN315-6R	13615 NUT-PLAIN 0.38-24	100.00
B#:13615	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
654587-44	13616 BOLT-.3125-24 UNF3A	4.00
B#:13616	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
655958	13617 BOLT CONNECTING ROD	12.00
B#:13617	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
646405	13618 BRKT ASSY ALTERNATOR	1.00
B#:13618	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
632224	13619 BAFFLE - OIL COOLER	1.00
B#:13619	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
649961	13620 GASKET OIL COOLER TO CRA	2.00
B#:13620	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
649991	13621 GASKET OIL FILTER TO PUM	1.00
B#:13621	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
653487	13622 GASKET ACCESSORY DRIVE	2.00
B#:13622	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
654012	13623 GASKET MAG AND ACCESS DR	2.00
B#:13623	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
655546	13624 GASKET OIL SUMP	1.00
B#:13624	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
646565A1	13625 GASKET SET GT-S/CYL	4.00
B#:13625	PO-Ref:PO-11308 Vcode:BODI P&E#:878	
AS3578-016	7944 O RING NITRILE	2.00
B#:7944		
MS35769-26	9081 GASKET COPPER CRUSH WASH	1.00
B#:9081	PO-Ref:PO-10954 Vcode:AEPE P&E#:307	
539058	12116 WASHER .39IDx.08 PLAIN	6.00
B#:12116	PO-Ref:PO-11206 Vcode:BODI P&E#:730	
AN123862	9850 O RING SEAL 0.36 ID N	2.00
B#:9850	PO-Ref:PO-11003 Vcode:BODI P&E#:402	
EC630979-9	8199 O RING FUEL RESISTANT	4.00
B#:8199	PO-Ref:9165 Vcode:ENCO	
AN315-5R	13161 NUT, FULL HEX	10.00
B#:13161	PO-Ref:11248 Vcode:AEPE	
MS35769-11	11825 GASKET COPPER	1.00
B#:11825	PO-Ref:PO-11076 Vcode:AEPE P&E#:532	
401752	7831 PLUG-PIPE .13-27	3.00

CUSTOMER WO DETAILS

WO # 9931-IRN pg 4

HYFAST Aircraft Engines

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 5430 Lauby Road
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A/C Make	CONTINENTAL		
A/C Model	TSIO550-K1B	Ser#	1008866
Open Date	Nov-18-2024 Monday		
Promised			
Started	Dec-12-2024 Thursday		
Finished	Apr-24-2025 Thursday		
Printed	May-12-2025 Monday 16:40		

Cust PO#	Verbal John
Quote #	475
Last Inv #	251
Discrep.	TSIO550-K1B Prop Strike

B#:7831 PO-Ref:PO-10908 Vcode:PRAI P&E#:241
 642892 12132 GASKET OIL FILLER 2.28 0 1.00
 B#:12132 PO-Ref:PO-11206 Vcode:BODI P&E#:730
 641361 13641 PLATE - OIL SEAL RETAINE 2.00
 B#:13641 PO-Ref:PO-11315 Vcode:PRAI P&E#:887
 24764 7947 SCREW NO. 0-.19 DRV 6.00
 B#:7947 PO-Ref:PO-10925 Vcode:BODI P&E#:262

OTHER.TYPE.....DESCRIPTION.....QTY.....

TASK 1.1 OT

STARTED: THU May-08-2025 FINISHED: FRI Apr-25-2025

DATE.....EMPL.....DESCRIPTION.....BILL_HRS.....
 EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
 PART.NUMBER.....SKU.DESCRPTION.....QTY.....
 OTHER.TYPE.....DESCRIPTION.....QTY.....

TASK 2 CP INITIAL RECEIVING

STARTED: THU Dec-12-2024 FINISHED: THU Dec-12-2024

*W with photographs and documentation as required.

DATE.....EMPL.....DESCRIPTION.....BILL_HRS.....
 EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
 PART.NUMBER.....SKU.DESCRPTION.....QTY.....
 OTHER.TYPE.....DESCRIPTION.....QTY.....

TASK 3 CP AD / SB RESEARCH

STARTED: MON Jan-06-2025 FINISHED: FRI Apr-25-2025

C/W AD research using Veyron database as required. Reference task 3.1 for applicable AD compliance.

DATE.....EMPL.....DESCRIPTION.....BILL_HRS.....
 EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
 PART.NUMBER.....SKU.DESCRPTION.....QTY.....
 OTHER.TYPE.....DESCRIPTION.....QTY.....

TASK 3.1 CP AD 2016-21-04

STARTED: WED Jan-22-2025 FINISHED: TUE Apr-08-2025

Visually inspected present fitting IAW CS815-7B, compliance determined to be P/C/W. No further action required.

DATE.....EMPL.....DESCRIPTION.....BILL_HRS.....
 EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
 PART.NUMBER.....SKU.DESCRPTION.....QTY.....
 OTHER.TYPE.....DESCRIPTION.....QTY.....

TASK 4 CP DISASSEMBLY

STARTED: FRI Dec-13-2024 FINISHED: WED Dec-18-2024

Various hardware missing
 Disassembled engine as required for cleaning and inspection.

DATE.....EMPL.....DESCRIPTION.....BILL_HRS.....
 EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
 PART.NUMBER.....SKU.DESCRPTION.....QTY.....
 OTHER.TYPE.....DESCRIPTION.....QTY.....

TASK 5 CP CLEANING

STARTED: MON Dec-16-2024 FINISHED: TUE Dec-31-2024

Degreased, striped and cleaned all components as required for further inspection.

DATE.....EMPL.....DESCRIPTION.....BILL_HRS.....
 EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
 PART.NUMBER.....SKU.DESCRPTION.....QTY.....

CUSTOMER WO DETAILS

WO # 9931-IRN pg 5

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Finished	Apr-24-2025 Thursday		
Printed	May-12-2025 Monday 16:34		

TASK 6 CP INSPECTION

STARTED: MON Dec-16-2024 FINISHED: FRI Apr-04-2025

Visually and dimensionally inspected all components for serviceability as required. Reference tasks 6.1 through 6.7 for individual components requiring further inspection and/or rework.

```

DATE.....EMPL...DESCRIPTION.....BILL_HRS.....
EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
PART.NUMBER.....SKU.DESCRPTION.....QTY.....
OTHER.TYPE.....DESCRIPTION.....QTY.....

```

TASK 6.1 CP Crankshaft

STARTED: MON Dec-16-2024 FINISHED: FRI Mar-07-2025

COMP DESCR: Crankshaft Assy. PART#: N/A MOD#: TSIO550-K SER#: N13EA033 MANUAL#: M-0

Prop Strike Indicated

Deep scoring visible on rearmost main bearing journal

Crankshaft and Counterweight assembly repaired (Mains M010 & Rods STD) and assembled by Aircraft specialties Services, Inc. CRS DD2R764K on w/o 289871. MPI and Ultrasonic Inspection per MSB 96-10B satisfactory.

639195 CTW (2)

19196 CTW (2)

```

DATE.....EMPL...DESCRIPTION.....BILL_HRS.....
EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
TSIO550-K C/S \ N13EA033 CRANKSHAFT ASSEMBLY AISP 1
SKU:13553 PO-Ref:RO-2345 Vcode:AISP P&E#:866
PART.NUMBER.....SKU.DESCRPTION.....QTY.....
629680M010 13560 COLLAR ASSY OIL TRANSFER 1.00
B#:13560 PO-Ref:PO-11306 Vcode:BODI P&E#:876
OTHER.TYPE.....DESCRIPTION.....QTY.....

```

TASK 6.2 OT Camshaft

STARTED: THU Dec-26-2024 FINISHED: TUE Jan-21-2025

COMP DESCR: Camshaft Assy. PART#: 654084A1 SER#: 171764#24

Prop Strike Indicated

Visible pitting on center camshaft lobe near apex

Repaired and certified by Aircraft specialties Services, Inc. CRS DD2R764K on w/o 289766.

```

DATE.....EMPL...DESCRIPTION.....BILL_HRS.....
EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
654084A1 \ 171764#24 CAMSHAFT ASM-SERVICE BODI 1
SKU:13489 PO-Ref:RO-2343 Vcode:BODI P&E#:864
PART.NUMBER.....SKU.DESCRPTION.....QTY.....
OTHER.TYPE.....DESCRIPTION.....QTY.....

```

TASK 6.3 OT Intake Lifters

STARTED: THU Dec-26-2024 FINISHED: WED Jan-22-2025

COMP DESCR: Intake Lifter (6) PART#: 658088

Spalling on intake lifter faces

Overhauled by Aircraft specialties Services, Inc. CRS DD2R764K on w/o 289766.

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DATE.....EMPL...DESCRIPTION.....BILL_HRS.....
EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
PART.NUMBER.....SKU.DESCRPTION.....QTY.....
658088 13491 LIFTER HYDRAULIC INTAKE 1.00
B#:13491 PO-Ref:RO-2343 Vcode:BODI P&E#:864
OTHER.TYPE.....DESCRIPTION.....QTY.....

```

TASK 6.4 OT Exhaust Lifters

STARTED: THU Dec-26-2024 FINISHED: WED Jan-22-2025

CUSTOMER WO DETAILS

HYFAST Aircraft Engines

FAA Certified Repair Station # 7HAR429C

Cust Code: STAV Phone: 330-499-9790

Steiner Aviation
5430 Lauby Road
Unit 17
North Canton, OH 44720 USA

A/C Tail #	N553MC	Hrs	830.0
A/C Make	CONTINENTAL		
A/C Model	TSIO550-K1B	Ser#	1008866
Open Date	Nov-18-2024 Monday		
Promised			
Started	Dec-12-2024 Thursday		
Finished	Apr-24-2025 Thursday		
Printed	May-12-2025 Monday 16:34		

Cust PO#	Verbal John
Quote #	475
Last Inv #	251
Discrep.	TSIO550-K1B Prop Strike

COMP DESCR: Exhaust Lftr (6) MOD#: 658077
Spalling on lifter faces
overhauled by Aircraft specialties Services, Inc. CRS DD2R764K on w/o 289766.

```

DATE.....EMPL...DESCRIPTION.....BILL_HRS.....
EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
PART.NUMBER.....SKU.DESCRPTION.....QTY.....
658077          13490 LIFTER EXH HYDRAULIC (QT      1.00
  B#:13490 PO-Ref:RO-2343 Vcode:BODI P&E#:864
OTHER.TYPE.....DESCRIPTION.....QTY.....

```

TASK 6.5 CP Magnetos

STARTED: FRI Jan-10-2025 FINISHED: MON Feb-10-2025
COMP DESCR: Magneto(s) PART#: 10-500556-101 MOD#: S6RSC-25P SER#: D13GA035 & D13GA036
OVH required by MFG post Prop Strike
AD 94-06-09 SB CSB641-CSB04-05A SB MSB645 SB639 SB 658-CSB665A-CSB664 SB670
Both Magnetos Overhauled and Tested by Professional Aircraft Accessories, Inc. CRS P05R554Y on w/o 65251.

```

DATE.....EMPL...DESCRIPTION.....BILL_HRS.....
EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
10-500556-101 \ D136A035 MAGNETO          PRAIR      1
  SKU:13523 PO-Ref:RO-2348 Vcode:PRAIR P&E#:869
10-500556-101 \ D136A036 MAGNETO          PRAIR      1
  SKU:13524 PO-Ref:RO-2348 Vcode:PRAIR P&E#:869
PART.NUMBER.....SKU.DESCRPTION.....QTY.....
OTHER.TYPE.....DESCRIPTION.....QTY.....

```

TASK 6.6 CP Fuel Pump

STARTED: FRI Jan-10-2025 FINISHED: TUE Feb-04-2025
COMP DESCR: Fuel Pump Assy. PART#: 649368-60A7 SER#: B13FA158
OVH required by MFG post Prop Strike
Drive coupling twisted
SB 00-10
overhauled and tested by Professional Aircraft Accessories, Inc. CRS P05R554Y on w/o 65251.

```

DATE.....EMPL...DESCRIPTION.....BILL_HRS.....
EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
649368-60A7 \ B13FA158 FUEL PUMP ASSEMBLY PRAIR      1
  SKU:13525 PO-Ref:RO-2348 Vcode:PRAIR P&E#:869
PART.NUMBER.....SKU.DESCRPTION.....QTY.....
OTHER.TYPE.....DESCRIPTION.....QTY.....

```

TASK 6.7 OT Starter Adapter

STARTED: FRI Mar-28-2025 FINISHED: FRI Apr-04-2025
COMP DESCR: Starter Adapter PART#: 658440A7
Replacement required IAW Continental Pub. 13-6
Shaft drum and bronze gear out of limits, OVH required.
overhauled by QAA CRS QYIR334Y on w/o M554750 IAW repair specification RS-022019 Rev. IR dated 02/20/2019.

```

DATE.....EMPL...DESCRIPTION.....BILL_HRS.....
EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
658440A7 \ Q554750 STARTER ADAPTOR O/H QUAI      1
  SKU:13629 PO-Ref:RO-2350 Vcode:QUAI P&E#:884
PART.NUMBER.....SKU.DESCRPTION.....QTY.....
BRONZEGEAR M015          13568 BRONZE GEAR      1.00
  B#:13568 PO-Ref:RO-2349 Vcode:PRTO P&E#:882
639389 M015          13566 STARTER SHAFT M015      1.00
  B#:13566 PO-Ref:RO-2349 Vcode:PRTO P&E#:882
502287-3          12667 RETAINING RING INTERNAL      1.00

```

CUSTOMER WO DETAILS

WO # 9931-IRN pg 7

HYFAST Aircraft Engines

FAA Certified Repair Station # 7HAR429C

Cust Code: STAV Phone: 330-499-9790

Steiner Aviation
5430 Lauby Road
Unit 17
North Canton, OH 44720 USA

A/C Tail #	N553MC	Hrs	830.0
A/C Make	CONTINENTAL		
A/C Model	TSIO550-K1B	Ser#	1008866
Open Date	Nov-18-2024 Monday		
Promised			
Started	Dec-12-2024 Thursday		
Finished	Apr-24-2025 Thursday		
Printed	May-12-2025 Monday 16:34		

Cust PO#	Verbal John
Quote #	475
Last Inv #	251
Discrep.	TSIO550-K1B Prop Strike

B#:12667 PO-Ref:PO-11249 Vcode:BODI P&E#:783
 55048 12359 BEARING-ROLLER HARTZELL 1.00
 B#:12359 PO-Ref:PO-11222 Vcode:AEPE P&E#:752
 OTHER.TYPE.....DESCRIPTION.....QTY.....

TASK 7 CP NDI

STARTED: THU Dec-26-2024 FINISHED: WED Jan-08-2025
 NDI per M-0 by Nextant Aerospace CRS WC7R346J
 Magnetic Particle Inspection per ASTM E 1444 on w/O CAS-N25126/1.3 with no defects indications detected.
 Fluorescent Liquid Penetrant Inspection per ASTM E 1417 on w/O CAS-N25126/1.2 with no defect indications detected.

DATE.....EMPL.....DESCRIPTION.....	BILL_HRS.....
EQUIP MODEL\SER.....DESCRIPTION.....	VENDOR.QTY.....
PART.NUMBER.....SKU.....DESCRIPTION.....	QTY.....
DPI-CON 13479 CONT. DYE PENETRANT INSP	1.00
B#:13479 PO-Ref:RO-2344 Vcode:NEAE P&E#:865	
MPI-CON 13480 CONT. MAG PARTICLE INSP	1.00
B#:13480 PO-Ref:RO-2344 Vcode:NEAE P&E#:865	
OTHER.TYPE.....DESCRIPTION.....	QTY.....

TASK 8 OT REPAIRS/REWORK

STARTED: MON Mar-03-2025 FINISHED: TUE Mar-18-2025
 Reference tasks 8.1 through 8.6 for details on findings and repairs.

DATE.....EMPL.....DESCRIPTION.....	BILL_HRS.....
EQUIP MODEL\SER.....DESCRIPTION.....	VENDOR.QTY.....
PART.NUMBER.....SKU.....DESCRIPTION.....	QTY.....
OTHER.TYPE.....DESCRIPTION.....	QTY.....

TASK 8.1 OT Cylinder (1)

STARTED: FRI Jan-10-2025 FINISHED: MON Mar-17-2025
 COMP DESCR: Cylinder Assy PART#: 658178A1 MANUAL#: M-16 / M-0 / Online IPC
 Corrosion present in barrel
 Piston rings seized onto piston
 Disassembled, cleaned & honed barrel to within STD limits. Dressed valve and seat faces. Assembled with new intake seal, new piston rings with verified gaps within limits, and all other serviceable components as req. Static pressure test satisfactory.

DATE.....EMPL.....DESCRIPTION.....	BILL_HRS.....
EQUIP MODEL\SER.....DESCRIPTION.....	VENDOR.QTY.....
PART.NUMBER.....SKU.....DESCRIPTION.....	QTY.....
646985 13630 SEAL VALVE STEM, INTAKE	1.00
B#:13630 PO-Ref:PO-11313 Vcode:BODI P&E#:885	
654716 13581 RING SET SINGLE CYLINDER	1.00
B#:13581 PO-Ref:PO-11309 P&E#:879	
630046 13608 PISTON PIN & PLUG ASS'Y	1.00
B#:13608 PO-Ref:PO-11308 P&E#:878	
OTHER.TYPE.....DESCRIPTION.....	QTY.....

TASK 8.2 OT Cylinder (2)

STARTED: FRI Jan-10-2025 FINISHED: MON Mar-17-2025
 COMP DESCR: Cylinder Assy PART#: 658178A1 MANUAL#: M-16 / M-0 / Online IPC
 Corrosion present in barrel.
 EX Guide & EX Valve o/L. Piston Rings seized to piston.
 Disassembled, cleaned, honed barrel within STD limits, R/R EX guide, sized to within new limits. Dressed IN valve and both seats. Assem. with new intake seal, new EX valve, new piston rings, verified gaps within limits, and all other serv. parts as req. Static pressure test satisfactory.

DATE.....EMPL.....DESCRIPTION.....	BILL_HRS.....
EQUIP MODEL\SER.....DESCRIPTION.....	VENDOR.QTY.....

CUSTOMER WO DETAILS

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HYFAST Aircraft Engines

FAA Certified Repair Station # 7HAR429C

Cust Code: STAV **Phone:** 330-499-9790
Steiner Aviation
 5430 Lauby Road
 Unit 17
 North Canton, OH 44720 USA

A/C Tail #	N553MC	Hrs	830.0
A/C Make	CONTINENTAL		
A/C Model	TSIO550-K1B	Ser#	1008866
Open Date	Nov-18-2024 Monday		
Promised			
Started	Dec-12-2024 Thursday		
Finished	Apr-24-2025 Thursday		
Printed	May-12-2025 Monday 16:34		

Cust PO#	Verbal John
Quote #	475
Last Inv #	251
Discrep.	TSIO550-K1B Prop Strike

and both seats. Assem. with new intake seal, new EX valve, new piston rings, verified gaps within limits, and all other serv. parts as req. Static pressure test satisfactory.

DATE.....EMPL.....DESCRIPTION.....BILL_HRS.....	EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....	PART.NUMBER.....SKU.....DESCRIPTION.....QTY.....
646985	13634 SEAL VALVE STEM, INTAKE	1.00
B#:13634 PO-Ref:PO-11313 Vcode:BODI P&E#:885		
655771	13637 VALVE EXHAUST	1.00
B#:13637 PO-Ref:PO-11313 Vcode:BODI P&E#:885		
658736P005	13639 GUIDE, VALVE, EXHAUST PL	1.00
B#:13639 PO-Ref:PO-11313 Vcode:BODI P&E#:885		
654716	13581 RING SET SINGLE CYLINDER	1.00
B#:13581 PO-Ref:PO-11309 P&E#:879		
630046	13608 PISTON PIN & PLUG ASS'Y	1.00
B#:13608 PO-Ref:PO-11308 P&E#:878		
OTHER.TYPE.....DESCRIPTION.....QTY.....		

TASK 8.6 OT Cylinder (6)

STARTED: FRI Jan-10-2025 FINISHED: MON Mar-17-2025
 COMP DESCR: cylinder Assy PART#: 658178A1 MANUAL#: M-16 / M-0 / Online IPC
 Corrosion present in barrel
 Piston rings seized to piston
 Disassembled, cleaned & honed barrel to within STD limits. Dressed valve and seat faces. Assembled with new intake seal, new piston rings with verified gaps within limits, and all other serviceable components as req. Static pressure test satisfactory.

DATE.....EMPL.....DESCRIPTION.....BILL_HRS.....	EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....	PART.NUMBER.....SKU.....DESCRIPTION.....QTY.....
646985	13635 SEAL VALVE STEM, INTAKE	1.00
B#:13635 PO-Ref:PO-11313 Vcode:BODI P&E#:885		
654716	13581 RING SET SINGLE CYLINDER	1.00
B#:13581 PO-Ref:PO-11309 P&E#:879		
630046	13608 PISTON PIN & PLUG ASS'Y	1.00
B#:13608 PO-Ref:PO-11308 P&E#:878		
OTHER.TYPE.....DESCRIPTION.....QTY.....		

TASK 9 CP MAIN ASSEMBLY BUILDUP

STARTED: WED Apr-09-2025 FINISHED: THU Apr-17-2025
 Assembled engine IAW Continental Aerospace Technologies publications M-16, M-0 & Online IPC.

DATE.....EMPL.....DESCRIPTION.....BILL_HRS.....	EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....	PART.NUMBER.....SKU.....DESCRIPTION.....QTY.....
OTHER.TYPE.....DESCRIPTION.....QTY.....		

TASK 10 CP TESTING

STARTED: FRI Apr-18-2025 FINISHED: SAT Apr-19-2025
 Timed magnetos to 24 Deg. BTC & pressure filled oil pump & galleys with fresh Aeroshell 100. Dynamometer tested satisfactory referencing Continental Aerospace Technologies publication M-18 chapter 18.

DATE.....EMPL.....DESCRIPTION.....BILL_HRS.....	EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....	PART.NUMBER.....SKU.....DESCRIPTION.....QTY.....	
550050799	CASE	13519 AEROSHELL 100 SAE 50 MIN	2.00
B#:13519 PO-Ref:PO-11303 Vcode:AEPE P&E#:873			
OTHER.TYPE.....DESCRIPTION.....QTY.....			

CUSTOMER WO DETAILS

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HYFAST Aircraft Engines

FAA Certified Repair Station # 7HAR429C

Cust Code: STAV Phone: 330-499-9790

Steiner Aviation
5430 Lauby Road
Unit 17
North Canton, OH 44720 USA

Cust PO#	Verbal John
Quote #	475
Last Inv #	251
Discrep.	TSIO550-K1B Prop Strike

A/C Tail #	N553MC	Hrs	830.0
A/C Make	CONTINENTAL		
A/C Model	TSIO550-K1B	Ser#	1008866
Open Date	Nov-18-2024 Monday		
Promised			
Started	Dec-12-2024 Thursday		
Finished	Apr-24-2025 Thursday		
Printed	May-12-2025 Monday 16:34		

TASK 11 CP OUTGOING REVIEW

STARTED: WED Apr-23-2025 FINISHED: THU Apr-24-2025

C/W outgoing review as required. Purged test oil, replaced oil filter, torqued and safety wired drain and filter as required. Cut and inspected test filter with no debris found. Capped orifices and prepared engine for shipment.

DATE.....EMPL...DESCRIPTION.....BILL_HRS.....
EQUIP MODEL\SER.....DESCRIPTION.....VENDOR.QTY.....
PART.NUMBER.....SKU.DESCRPTION.....QTY.....
OTHER.TYPE.....DESCRIPTION.....QTY.....

HYFAST Aerospace, LLC.
 12313 Plaza Drive
 Parma OH 44130
 USA

Phone: 216.712.4158

FAA Airworthiness Directives Compliance Record

Aircraft Registration No: W/O 9931
Version Revision: 4/25/2025

Company: Engine
Manufacturer: Continental Aerospace Technologies, Inc.
Model: TSIO-550-K
Position:
P/N:
S/N: 1008866

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2023-09-09 7/17/2023	[Recurring] To Prevent Failure of the Spot-Welded, Multi-Segment Exhaust Tailpipe V-Band Coupling. The Unsafe Condition, if Not Addressed, Could Lead to Detachment of the Exhaust Tailpipe from the Turbocharger and Allow High Temperature Exhaust, contd.	-- Hrs: -- C: --	N/A- Spot Welded design not installed	Yes	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage
2023-05-16 3/15/2023	To Prevent Departure of Counterweight and Retaining Hardware from the Crankshaft Assembly. The Unsafe Condition, if Not Addressed, Could Result in Loss of Engine Oil Pressure, Catastrophic Engine Damage, Engine Seizure, and Consequent Loss of the Aircraft	-- Hrs: -- C: --	Crankshaft and counterweight assy. repaired and assembled by Aircraft Specialties Services Inc. CRS DD2R764K on W/O 289871	No	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage
2023-04-08 2/23/2023	Superseded by 2023-05-16	-- Hrs: -- C: --		No	D: -- Hrs: -- C: --	
2023-02-12 2/17/2023	To Prevent Failure of the Engine Intake Valve. The Unsafe Condition, if Not Addressed, Could Result in Failure of the Engine, In-Flight Shutdown, and Loss of the Airplane	-- Hrs: -- C: --	N/A- P/N not installed	No	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2020-16-11 9/21/2020	To Prevent Failure of the Engine, If Not Addressed, Could Result in Failure of the Engine, In-Flight Shutdown, and Forced Landing	-- Hrs: -- C: --	N/A by P/N and Date	No	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage
2016-21-04 11/18/2016	To prevent failure of the oil cooler cross fitting and engine, IFSD, and loss of the airplane	-- Hrs: -- C: --	Visually verified to be P/C/W	No	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage
2016-16-12 9/15/2016	To prevent failure of the cylinder assemblies, which could lead to failure of the engine, in-flight,contd.	-- Hrs: -- C: --	P/N not installed	No	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage
2012-10-13 6/8/2012	To prevent starter adapter gear shaft failure which could cause oil scavenger pump failure and engine,contd.	-- Hrs: -- C: --	N/A- P/N not installed	No	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage
2012-03-06 C 2/24/2012	To prevent an in-flight engine shutdown due to a failed fuel servo diaphragm, and damage to the airplane	-- Hrs: -- C: --	N/A- AVSTAR unit not installed	No	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage
2011-25-51 12/28/2011	Superseded by 2012-10-13	-- Hrs: -- C: --		No	D: -- Hrs: -- C: --	/
2010-11-04 6/16/2010	To prevent excessive hydraulic lifter wear, which can result in loss of engine power & loss of control of the airplane	-- Hrs: -- C: --	N/A by engine OVH Date	No	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage
2009-24-52 E 11/18/2009	Superseded by 2010-11-04	-- Hrs: -- C: --		No	D: -- Hrs: -- C: --	/
2004-08-10 5/5/2004	To prevent loss of engine power due to cracks in the cylinder head & possible engine failure caused,contd.	-- Hrs: -- C: --	N/A- ECi Cylinders not installed	No	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
00-00-01 1/22/2001	Important for Cessna Oil Filter Adapter Assemblies listed in AD 96-12-22	-- Hrs: -- C: --	N/A- P/N not installed	No	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage
2000-23-21 12/12/2000	To prevent crankshaft connecting rod journal fracture, which could result in total engine power,contd.	-- Hrs: -- C: --	N/A- Crankshaft S/N not listed in table	No	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage
2000-08-51 E. 4/28/2000	Superseded by 2000-23-21	-- Hrs: -- C: --		No	D: -- Hrs: -- C: --	/
99-19-01 9/30/1999	To prevent crankshaft failure due to crankshaft cheek cracks, which could result in total engine power loss,contd.	-- Hrs: -- C: --	N/A- P/N and/or S/N not installed	No	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage
99-09-17 L. 4/22/1999	Superseded by 99-19-01	-- Hrs: -- C: --		No	D: -- Hrs: -- C: --	/
93-10-02 8/12/1993	TO PREVENT AN ENGINE FAILURE DUE TO A MISSING CYLINDER VALVE RETAINER KEY	-- Hrs: -- C: --	N/A- Engine Model and/or S/N not listed in table	No	D: -- Hrs: -- C: --	HYFAST Aerospace, LLC. 7HAR429C/Repair Station G. Masavage

1. Approving Civil Aviation Authority/Country:
FAA/ United States

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

2. Organization Name and Address:

PROFESSIONAL AIRCRAFT ACCESSORIES INC.
14 EAST MAIN ST. AMELIA, OH 45102
PHONE (513)732-3361 FAX (513)752-1332

3. Form Tracking Number:
65251

5. Work Order/Contract/Invoice Number:
65251

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	MAGNETO	10-500556-101 S6RSC-25P	1	D13GA035	OVERHAULED

12. Remarks:

THIS PART WAS OVERHAULED & TESTED IN ACCORDANCE WITH CURRENT OVERHAUL MANUAL PAA6000 DATED 04/08/19 AND IN ACCORDANCE WITH FAA REGULATIONS.
AD94-06-09 S/B CSB641-CSB04-05A INSPECTED CAPACITOR.
S/B MSB645 S/B 639 INSPECTED IMPULSE CAM NEXT COMP 500 HRS
S/B SB658-CSB665A-CSB664 - SB670 CMW.

<p>13a. Certifies the items identified above were manufactured in conformity to:</p> <p><input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation.</p> <p><input type="checkbox"/> Non-approved design data specified in Block 12.</p>		<p>14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulations specified in Block 12</p> <p>Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations part 43 and in respect to that work, the items are approved for return to service.</p>	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):
		RICHARD D BOURBEAU	CRS# P05R554Y 10/FEB/2025

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:
FAA/ United States

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
65251

4. Organization Name and Address:
PROFESSIONAL AIRCRAFT ACCESSORIES INC.
14 EAST MAIN ST. AMELIA, OH 45102
PHONE (513)732-3361 FAX (513)752-1332

5. Work Order/Contract/Invoice Number:
65251

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	MAGNETO	10-500556-101 S6RSC-25P	1	D13GA036	OVERHAULED

12. Remarks:
THIS PART WAS OVERHAULED & TESTED IN ACCORDANCE WITH CURRENT OVERHAUL MANUAL PAA6000 DATED 04/08/19
AND IN ACCORDANCE WITH FAA REGULATIONS.
AD94-06-09 S/B CSB641-CSB04-05A INSPECTED CAPACITOR.
S/B MSB645 S/B 639 INSPECTED IMPULSE CAM NEXT COMP 500 HRS
S/B SB656-CSB665A-CSB664 - SB670 C/W.

<p>13a. Certifies the items identified above were manufactured in conformity to:</p> <p><input type="checkbox"/> Approved design data and are in a condition for safe operation.</p> <p><input type="checkbox"/> Non-approved design data specified in Block 12.</p>		<p>14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulations specified in Block 12</p> <p>Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations part 43 and in respect to that work, the items are approved for return to service.</p>	
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):
		RICHARD D BOURBEAU	CRS# P05R554Y 10/FEB/2025

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:
FAAV United States

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
66251

4. Organization Name and Address:
PROFESSIONAL AIRCRAFT ACCESSORIES INC.
14 EAST MAIN ST. AMELIA, OH 45102
PHONE (513)732-3361 FAX (513)752-1332

5. Work Order/Contract/Invoice Number:
66251

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	FUEL PUMP	649368-60A7	1	B13FA158	OVERHAULED

12. Remarks:
THIS PART WAS OVERHAULED & TESTED IN ACCORDANCE WITH OVERHAUL MANUAL PAA1000 REV 2.
AND IN ACCORDANCE WITH CURRENT FAA REGULATIONS.
S/B 00-10 CW

13a. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 12.

14a. 14 CFR 43.9 Return to Service Other regulations specified in Block 12
 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature: _____ 13c. Approval/Authorization No.: _____

14b. Authorized Signature: *Robert Wayne Grow* 14c. Approval Certificate No.: CRS# P05R554Y

13d. Name (Typed or Printed): _____ 13e. Date (dd/mm/yyyy): _____

14d. Name (Typed or Printed): ROBERT WAYNE GROW 14e. Date (dd/mm/yyyy): 04/FEB/2025

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.
 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: FAA/United States

2. **AUTHORIZED RELEASE CERTIFICATE**
 FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: QAA# Q554750

4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y)
 5746 East Apache
 Tulsa, OK 74115

Phone: 1-877-833-6948
 918-835-6948
 Fax: 918-835-2804

5. Work Order/Contract/Invoice Number: W/O: M554750

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	STARTER ADAPTER	658440A7	1	Q554750	OVERHAULED

12. Remarks:
 The work described in block 11 and subsequent inspections to the article(s) defined in blocks 7 through 10 were performed in accordance with current regulations of The Federal Aviation Administration and the article is approved for return to service.
RECORDS OF WORK PERFORMED ARE MAINTAINED ON FILE AND WILL BE FURNISHED ON REQUEST.

REPAIR SPECIFICATION: RS-022019 REV IR DATED: 02/20/2019 NO APPLICABLE SB OR AD

Certifies that the work specified in Block 11/12 was carried out in accordance with (T/K) Part-145 and in respect to that work the component is considered ready for release to service under (T/K) Part-145 Approval Certificate Number UK: 145.50365


13a. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 12.

14a 14 CFR 43.9 Return to Service Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature: _____

13c. Approval/Authorization No.: _____

14b. Authorized Signature: 

14c. Approval/Certificate No.: QYIR334Y

13d. Name (Typed or Printed): _____

13e. Date (dd/mm/yyyy): _____

14d. Name (Typed or Printed): Dustyn Caudle

14e. Date (dd/mm/yyyy): 04/APR/2025

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country:
FAA/UNITED STATES

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

2. Organization Name and Address:
QUALITY AIRCRAFT ACCESSORIES, 5746 E Apache St, Tulsa, OK 74115 (QYIR334Y)

3. Form Tracking Number:
Q554750

5. Work Order/Contract/Invoice Number: W/O: M554750

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	STARTER ADAPTER	658440A7	1	Q554750	OVERHAULED

12. Remarks: COPY OF WORK ORDER AVAILABLE ON REQUEST FROM QUALITY AIRCRAFT ACCESSORIES INC. CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVAL CERTIFICATE NUMBER EASA.145.5982 AND BY THE FAA AIR AGENCY CERTIFICATE NUMBER QYIR334Y. APPROVED FOR EXPORT THE ORIG. EQUIP. MFG. DATA APPEARS ON THE DATA PLATE IN THE LINES IDENTIFIED AS MOD/NO & ORIG. MFG. RS-022019, REVISION: JR. 02/20/2019


13a. Certifies the items identified above were manufactured in conformity for:

Approved design data and are in a condition for safe operation.

Non-approved design data specified in Block 12.

14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
			QYIR334Y
13d. Name (Typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):
		Dustyn Cavalis	04 APR 2025

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.