

Service Bulletin Compliance Record		
SB Number	Subject	Method of Compliance
583	IGNITION SWITCHES, ROTARY ACTION, KEY OR LEVER ACTUATED, TWIST-TO-START, PUSH-TO-START, TWIST-TO-START/PUSH-TO-PRIME TYPES.	N/A: Component not installed.
614	REPAIR OF CERTAIN STARTING VIBRATORS UTILIZING "5" CONTACT BUSHING (CONNECTOR)	N/A: Component not installed.
635	GOLD SEAL HARNESS	Information only.
636	BENDIX/TCM IGNITION SWITCH INSPECTION	N/A: Component not installed.
639	PROPER INSTALLATION OF IMPULSE COUPLINGS	Compliance verified by KAES.
623A	INSPECTION OF IMPULSE COUPLING CAM ASSEMBLIES	N/A: Component serial unaffected.
CSB01-1	FUEL PUMP INSPECTION AND SEAL LEAK TEST.	Compliance verified by CFS.
CSB02-8	TELEDYNE CONTINENTAL MOTORS IGNITION SYSTEM CRITICAL SERVICE BULLETIN CSB664.	Compliance verified by KAES.
CSB04-5A	TELEDYNE CONTINENTAL MOTORS IGNITION SYSTEMS CRITICAL SERVICE BULLETIN CSB665A	Compliance verified by KAES.
CSB07-1A	CONNECTING ROD PISTON PIN BUSHING INSTALLATION	Compliance verified by AC Spec.
CSB08-3C	THROTTLE AND MIXTURE CONTROL LEVERS	N/A: Affected component not installed.
CSB08-9A	SLICK SERVICE BULLETIN SB3-08A	N/A: Slick component not installed.
CSB641	POSSIBLE OPEN CONDITION OF SC-20, SC-200 AND S-1200 SERIES MAGNETO CAPACITOR, P/N 10-349276.	Compliance verified by KAES.
CSB664	MAGNETO CAPACITOR P/N 10-400558 REPLACEMENT.	N/A: Component serial unaffected.
CSB665A	MAGNETO CAPACITOR P/N 10-400615 INSPECTION AND REPLACEMENT	Compliance verified by KAES.
CSB668	INSPECTION OF IGNITION HARNESS ATTACHMENT PLATE	N/A: Component model unaffected.
CSB94-1	TELEDYNE CONTINENTAL MOTORS IGNITION SYSTEMS SERVICE BULLETIN - NO. CSB641	Compliance verified by KAES.
CSB94-15	CRANKCASE STUD INSPECTION	N/A: Engine serial unaffected.
CSB97-10A	PISTON PIN PLUG WEAR	N/A: New SAP component installed.
INDEX	SERVICE DOCUMENT MASTER INDEX 2019 (4th QTR)	Information only.
M64-18	FIELD CONVERSION TO TURBOCHARGING OF CONTINENTAL AIRCRAFT ENGINES	Compliance information.
M70-11	SLICK ELECTRO BULLETIN 1-70	N/A: Slick component not installed.
M70-7	INCREASING SIZE OF OIL FEED HOLES TO STARTER ADAPTER SHAFTGEAR	N/A: Date of manufacture.
M73-2	FAA AIRWORTHINESS DIRECTIVE NO. 72-20-2	N/A: New SAP component installed.
M74-18	COMPLIANCE WITH SLICK BULLETIN 1-74	N/A: Slick component not installed.
M75-6R1	CONVERSION OF ENGINES FROM ONE MODEL TO ANOTHER	Information only.
M78-3	GOVERNOR OIL TRANSFER COLLAR SLEEVES, RETAINING CLIPS AND CLEARANCES	N/A: Component part number unaffected.
M78-9	CRANKCASE, CRANKSHAFT AND BEARING APPLICATIONS	Compliance information.
M81-13R1	SLICK SERVICE BULLETIN 1-81 (REVISED)	N/A: Slick component not installed.
M83-5	SLICK SERVICE BULLETIN 3-82	N/A: Slick component not installed.
M83-6	SLICK SERVICE BULLETIN 2-82	N/A: Slick component not installed.
M87-16	SLICK SERVICE BULLETIN SB1-86A	N/A: Slick component not installed.
M87-23	CRANKSHAFT COUNTERWEIGHT IDENTIFICATION AT OVERHAUL	Compliance verified by AC Spec.

M88-4	TCM PRO-TECH OIL FILTER	N/A: New Tempest component installed.
M89-18	EXHAUST GAS TEMPERATURE (E.G.T.) RECOMMENDATIONS FOR STANDARD ENGINES (LEANING LEAN)	Compliance information.
M90-13	EXHAUST VALVE STEM CORROSION/EROSION	N/A: New SAP component installed.
M91-4	PISTON IDENTIFICATION AND PISTON RING APPLICATION BULLETIN	Information only.
M92-10	STARTER ADAPTER	Compliance verified by QAA.
M92-6	ROCKERSHAFT RETENTION IMPROVEMENT FOR INCLINED VALVE CYLINDER	N/A: New SAP component installed.
M92-7	CRANKCASE CYLINDER DECK STUDS	Compliance verified by Divco.
M92-9	FLANGED .500 THRU BOLT NUT, P/N 652541	N/A: Date of manufacture.
M93-10	TCM IGNITION SYSTEMS SERVICE BULLETIN NO. 639	Compliance verified by KAES.
M93-4	CRANKSHAFT COUNTERWEIGHTS	Compliance verified by AC Spec.
M93-8	ROCKER ARM TO ROTOCOIL CLEARANCE	Complied with.
MSB00-5D	CRANKSHAFT MATERIAL INSPECTION.	N/A: Engine and component serial unaffected.
MSB09-1B	CYLINDER REPLACEMENT	N/A: New SAP component installed.
MSB09-8A	INSPECTION AND REMOVAL OF CERTAIN TCM ENGINE HYDRAULIC LIFTERS	N/A: Component part number unaffected.
MSB644	REPLACEMENT OF MAGNETO COILS AND ROTATING MAGNETS	Compliance verified by KAES.
MSB645	INSPECTION OF RIVETED IMPULSE COUPLINGS AND STOP PINS	Compliance verified by KAES.
MSB93-12	VALVE RETAINER KEY INSTALLATION INSPECTION	N/A: New SAP component installed.
MSB94-8D	MAGNETO TO ENGINE TIMING	Complied with.
MSB96-10B	CRANKSHAFT ULTRASONIC INSPECTION	Compliance verified by AC Spec.
MSB99-3C	CRANKSHAFT INSPECTION.	N/A: Engine and component serial unaffected.
SB00-10	FUEL PUMP SEAL P/N 649198.	Compliance verified by CFS.
SB00-4A	AUSTRALIAN AVGAS CONTAMINATION.	N/A: Engine does not exhibit condition.
SB04-10	PISTON POSITION MARKING	Complied with.
SB05-9	SLICK SERVICE BULLETIN SB1-88B	N/A: Slick component not installed.
SB06-5	CRANKSHAFT OIL TRANSFER TUBE INSPECTION AND REPLACEMENT	Compliance verified by AC Spec.
SB08-12	CRANKSHAFT GEAR SUPERSEDURE	Complied with.
SB08-8B	SLICK SERVICE BULLETIN SB2-08A	N/A: Slick component not installed.
SB09-14	CRANKSHAFT CORROSION TREATMENT	Compliance verified by AC Spec.
SB09-7	POTENTIAL PUSH ROD TUBE PACKING LEAKAGE	N/A: New component installed.
SB15-5	CHAMPION AEROSPACE SLICK SERVICE LETTER SL NO. 4300/6300-74-20-001	N/A: Slick component not installed.
SB15-6C	NIC3 CYLINDER ASSEMBLIES	N/A: New SAP component installed.
SB17-04	CONTINENTAL MOTORS IGNITION SYSTEMS SERVICE BULETIN SB670	Compliance verified by KAES.
SB17-05	CONTINENTAL MOTORS IGNITION SYSTEMS SERVICE BULLETIN SB643C	Compliance verified by KAES.
SB18-04A	REPLACEMENT OF FLANGED NUT (P/N 652541) IDENTIFIED WITH MANUFACTURER'S STAMP "ZB"	Previously complied with.
SB18-07	CRANKSHAFT DOWEL (P/N 536563) INSPECTION AND REPLACEMENT INSTRUCTIONS AT MAINTENANCE AND OVERHAUL	Compliance verified by AC Spec.
SB19-02A	CHAMPION AEROSPACE SLICK SERVICE BULLETIN SB1-19	N/A: Slick component not installed.

SB19-05	VALVE GUIDE APPLICATION, INSTALLATION, AND REAMING PROCEDURES	Information only.
SB19-09	CHAMPION AEROSPACE SLICK SERVICE BULLETIN SB2-19	N/A: Slick component not installed.
SB20-01	FUEL SCREEN ASSEMBLY, SCHEDULED MAINTENANCE	Complied with.
SB20-03	ENGINE PRESERVATION DURING COVID-19 PANDEMIC	Compliance information.
SB653	HOT MAGNETO TEST	Complied with.
SB658	DISTRIBUTOR GEAR MAINTENANCE.	Complied with.
SB659	MAGNETO IMPULSE COUPLING STOP PIN INSTALLATION.	Compliance verified by KAES.
SB660	POSSIBLE MALFUNCTION IN CERTAIN PUSH-TO-START IGNITION/STARTER SWITCHES.	N/A: Component not installed.
SB663A	TWO WIRE MAGNETO TACHOMETER BREAKER (CONTACT) POINTS ASSEMBLY PART NUMBER 10-400507	N/A: Component model unaffected.
SB94-13	PISTON RING SET, PART NUMBER 649226 AND CYLINDER KIT PART NUMBERS 653443A3, 653443A3BP, 653443A5, 653443A5BP, 653444A4, 653444A4BP, 653455A2 AND 653455A2BP.	N/A: New SAP component installed.
SB95-7A	MANIFOLD VALVE COVER INSPECTION	Compliance verified by CFS.
SB97-11	INSTALLATION OF SINGLE PIECE ROCKER ASSEMBLY BUSHINGS PART NUMBERS 652129 AND 652963.	Compliance verified by AC Spec.
SB97-15	TCM IGNITION SYSTEM SERVICE BULLETIN SB660.	N/A: Component not installed.
SB97-5	INSTALLATION OF FLANGED TYPE FRONT MAIN BEARINGS.	N/A: Component part number unaffected.
SID10-4	ENGINE MAINTENENCE FOR VOLCANIC ASH CONTAMINATION	N/A: Engine does not exhibit condition.
SID96-6	TCM IGNITION SYSTEMS SERVICE BULLETIN SB653.	Complied with.
SIL00-7C	OIL GAGE ROD APPLICATION	Information only.
SIL06-3	CRANKSHAFT GEAR RETAINING SCREW	Information only.
SIL14-6A	SANDCAST CRANKCASE OIL GAGE ROD HOUSING/HOUSING EXTENSION INSTALLATIONS ON 470, 520, AND 550 ENGINES	Information only.
SIL15-9	REMOTE MOUNTED OIL COOLERS	N/A: Component not installed.
SIL18-02	APPLICABILITY OF CMI SERVICE DOCUMENTS	Information only.
SIL18-06A	SUPERSEDING MAGNETO AND HARNESS APPLICATIONS	Information only.
SIL19-08	PUSHROD CLEARANCE	Information only.
SIL640	NEW SERVICE DOCUMENT FORMAT	Information only.
SIL642B	MANUFACTURING NUMBER (SERIAL NUMBER) INTERPRETATION	Information only.
SIL648	OPTIONAL CONVERSION TO "SHOWER-OF-SPARKS" IGNITION	Information only.
SIL649	10-400405 AND 10-400406 DISTRIBUTOR GEAR KITS FOR S-1200 SERIES MAGNETOS.	Information only.
SIL661	BL - PREFIX MARKING ON REBUILT MAGNETOS AND REBUILT D-3000 IGNITION SYSTEMS.	Information only.
SIL93-14	CFC WARNING STATEMENT	Information only.
SIL94-10	REPLACEMENT OF INTAKE VALVE ROTOCOILS	Information only.
SIL97-1	AIRWORTHINESS LIMITATIONS.	Information only.

W/O#: 21_003

Date: 12/Mar/2021

Make/Model: Continental / IO-470-N

Serial Number: 096829-R

Time in service: Engine TT: 1758.1 / TSMOH: 0.0



Silverhill, AL 36576


Authorized Signature

Repair Station: 

Certificate Number

Date	Total Time	Time Since Last Overhaul		Engine Service and Maintenance Record	
MM/DD/YYYY	Hrs.	Min.	Hrs.	Min.	Installations, Inspection, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Accessory/Component Condition Record

Records are on file at Pinnacle Aircraft Engines, LLC under the Work Order listed below.

Part Number	Serial Number	Description	Condition
SA47006L-A1	476000000977	Cylinder Kit - #1	New
SA47006L-A1	476000000979	Cylinder Kit - #2	New
SA47006L-A1	476000000976	Cylinder Kit - #3	New
SA47006L-A1	476000000978	Cylinder Kit - #4	New
SA47006L-A1	476000000980	Cylinder Kit - #5	New
SA47006L-A1	476000000981	Cylinder Kit - #6	New
IO-470 Crankcase	R05JA003	Crankcase	Repaired
IO-470N Sub Assy	N05KA141	Crankshaft	Repaired
IO-470 Sub Assy	S264623-26	Connecting Rods	Repaired
655384	S264259-3	Camshaft	Repaired
IO-470 Sub Assy	S264259-4	Rocker Arms	Repaired
653888	ASR-3-25-20	Lifters, Intake	Overhauled
SA646277	N/A	Lifters, Exhaust	New
10-349350-4	J-01234	Left Magneto	Overhauled
10-349350-4	J-01235	Right Magneto	Overhauled
646212-50A1	CF00SF01	Fuel Pump	Overhauled
631427A35	CF00SG01	Flow Divider	Overhauled
639123A8	CF00SU01	Fuel Control Valve	Overhauled
ES646238-2	H-V020101	Starter	New
643259A18	QAA72374	Starter Adapter	Overhauled
627392	N/A	Oil Cooler	Overhauled
A210680	2254729 AC	Prop Governor	Overhauled

Work Order#: 21_003

Date: 10/Mar/2021

Make/Model: IO-470-N11B

Serial Number: 096829-R



Silverhill, AL 36576

