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INSTALLATION INSTRUCTIONS

1. Disconnect starter power cable and discard nut. Unbolt old starter from engine and retain mounting nuts and washers.
2. Inspect power cable, terminal and insulator boot. Clean or replace as needed.
3. Trial mount new starter using existing mounting nuts and washers from step 1, finger tightening nuts without lock washers to observe fit and clearance.
4. Address any baffling modifications required so that no airframe components interfere, touch or rub the starter when installed. If new starter model is not suitable for application, contact factory at 817-573-2250 to discuss model applicability.
5. Torque 3/8-24 mounting nuts to 300±25 in-lbs as shown in the Continental Engine Overhaul Manual.
6. Remove supplied M8 nut, internal tooth lock washer and black instruction tag from power terminal and retain. Read tag. If aircraft owner wishes, separate placard at the tag perforation and apply placard to instrument panel.
7. Attach aircraft starter power cable to power terminal. Install M8 internal tooth lock washer and nut. **ONLY USE SUPPLIED METRIC M8 NUT.** Using 13mm wrench or socket, torque M8 nut to 60 in-lbs. Cover power terminal with new or existing MS25171 insulator boot.

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

At 2700 hours of engine operation, coincident with engine overhaul or if servicing is required, starter should be replaced with factory new unit or returned to factory for rebuild. No other periodic inspection or maintenance of any Sky-Tec starter or its components is required.

REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED

5.20

2x Ø 0.40

(0.63)

POWER LEAD
METRIC M8 THREAD

(7.9)

(7.1)

Sky-Tec Partners, Ltd.

Granbury, Texas

ST4 INSTALLATION INSTRUCTIONS

SCALE: 1:2	MATERIAL: N/A	FINISH: N/A
DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED		DRAWN BY: R. CONDY
TOLERANCES:		DATE: 12/11/2014
ANGLES ±1°	0.X ±0.050	0.XX ±0.030
	0.XXX ±0.010	
SHEET: 1/1		PART NO: 40001
		REV: -

FAA-PMA LABEL DATA CHART

MODEL	S/N PREFIX	PITCH	VOLTAGE
C12ST4	2C4-	N/A	12
C24ST4	4C4-	N/A	24

FAA-PMA LABEL
SKY-TEC P/N 1501**Sky-Tec** **FAA-PMA**For eligibility see PMA PQ00525W Supplement 12
at www.skytec.com/eligibility.htm

Model No.

Serial No.

[MODEL NO.]

[SERIAL NO.]

Rev [REV]

Pitch [PITCH]

Volts [VOLTS]

8

7

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4

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