



U.S. Department
of Transportation
**Federal Aviation
Administration**

Southwest Region
Arkansas, Louisiana,
New Mexico, Oklahoma,
Texas

Manufacturing Inspection District Office
2601 Meacham Blvd, SW MIDO-42
Fort Worth, Texas 76137-0182

JAN 13 2015

Les Staples
President
Sky-Tec Partners, Ltd.
350 Howard Clemmons Road
Granbury, TX 76048

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Dear Mr. Staples:

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR) part 21, Certification Procedures for Products, Articles, and Parts, subpart K, the FAA has found that the design data, based on Test and Computation submitted by Sky-Tec Partners, Ltd., with your letter dated February 12, 2014, meet the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that Sky-Tec Partners, Ltd., has established the quality system required by § 21.307 at 350 Howard Clemmons Road, Granbury, TX 76048. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 12.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated September 6, 2013, also apply to the enclosed PMA Listing-Supplement No. 12. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

Carlton N. Cochran
Manager, Fort Worth Manufacturing Inspection
District Office

Enclosure
PMA Listing-Supplement No. 12



U.S. Department
of Transportation
**Federal Aviation
Administration**

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Sky-Tec Partners, Ltd.
350 Howard Clemmons Rd.
Granbury, TX 76048

PMA NO. PQ0852SW
SUPPLEMENT NO. 12
DATE _____

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions.	Continental Motors	O-300- D, -E
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions.	Continental Motors	IO-360-A, -B, -C, -D, -E, -G, -H, -J, -K, -AB, -DB, -GB, -HB, JB, KB, -ES
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions.	Continental Motors	TSIO-360-A, -AB, -B, -C, -CB, -D, -DB, -E, -F, -G, -H, -HB, -EB, -FB, -JB, -KB, -LB, -MB, -NB, -PB, -RB, -SB
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions.	Continental Motors	LTSIO-360-E, -EB, -KB, -RB
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u>	Continental Motors	O-470-A, -B, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -T, -U, -B-CI, -G-CI, -K-CI, -L-

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PMA NO. PQ0852SW
SUPPLEMENT NO. 122
REVISION NO. -
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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
			<u>Date: 12/11/2014</u> or later FAA-approved revisions		CI, -M-CI
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	IO-470-A, -C, -D, -E, -F, -G, -H, -J, -K, -L, -LO, -M, -N, -P, -R, -S, -T, -U, -V, -VO
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	L/IO-470-A
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, -N, -NB
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	L/IO-520-P
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors, Inc	TSIO-520-A, -B, -C, -D, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -BB, -DB, -EB, -JB, -KB, -LB, -NB, -T, -U, -UB, -VB, -WB, -AE, -AF, -BE, -CE

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Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	GTSIO-520-C, -D, -E, -F, -H, -K, -L, -M, -N
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	IO-550-A, -B, -C, -D, -E, -F, -G, -L, -N, -P, -R
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	IOF-550-B, -C, -D, -E, -F, -L, -N, -P, -R
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors, Inc.	TSIO-550-A, -B, -C, -E, -G, -K, -N
Starter	C12ST4	Continental Motors P/N 646238	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors, Inc.	TSIOF-550-D, -J, -K, -P

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			<u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions		
Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	O-300- D, -E
Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	IO-360-A, -B, -C, -D, E, -G, -H, -J, -K, -AB, -DB, -GB, -HB, JB, KB, -ES
Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	TSIO-360-A, -AB, -B, -C, -CB, -D, -DB, -E, -F, -G, -H, -HB, -EB, -FB, -JB, -KB, -LB, -MB, -NB, -PB, -RB, -SB
Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	LTSIO-360-E, -EB, -KB, -RB
Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	O-470-A, -B, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -S, -T, -U, -B-CI, -G-CI, -K-CI, -L-CI, -M-CI

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Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	IO-470-A, -C, -D, -E, -F, -G, -H, -J, -K, -L, -LO, -M, -N, -P, -R, -S, -T, -U, -V, -VO
Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	L/IO-470-A
Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	IO-520-A, -B, -BA, -BB, -C, -CB, -D, -E, -F, -J, -K, -L, -M, -MB, -N, -NB
Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	L/IO-520-P
Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors, Inc.	TSIO-520-A, -B, -C, -D, -E, -G, -H, -J, -K, -L, -M, -N, -P, -R, -BB, -DB, -EB, -JB, -KB, -LB, -NB, -T, -U, -UB, -VB, -WB, -AE, -AF, -BE, -CE

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Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	GTSIO-520-C, -D, -E, -F, -H, -K, -L, -M, -N
Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	IO-550-A, -B, -C, -D, -E, -F, -G, -L, -N, -P, -R
Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors	IOF-550-B, -C, -D, -E, -F, -L, -N, -P, -R
Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors, Inc.	TSIO-550-A, -B, -C, -E, -G, -K, -N
Starter	C24ST4	Continental Motors P/N 646275	Test and Computation per 14 CFR § 21.303, <u>DWG No. 40000</u> <u>Rev: -</u> <u>Date: 12/11/2014</u> or later FAA-approved revisions	Continental Motors, Inc.	TSIOF-550-D, -J, -K, -P

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or later FAA-approved
revisions

-----END OF DATA-----

GENERAL NOTES:

- 1) Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.
- 2) The FAA accepted the ICA approach for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

Scott A. Horn, Manager
Airplane Certification Office
Aircraft Certification Service

Carlton N. Cochran, Manager
Fort Worth Manufacturing Inspection
District Office, SW MIDO-42