



Parker Hannifin Corporation
Parker Aerospace
Stratoflex Products Division
220 Roberts Cut-Off Road
Fort Worth, TX 76114 USA
Office 817 738 6543
Fax 817 738 9920

November 17, 2021

Professional Aviation Associates

105 Southfield Pkwy Suite 300
Forest Park, GA 30297
Attn: Hibo Linares

Subject: CERTIFICATION OF APPROVAL

As a result of our remote Quality Audit & review of your facility documentation on November 17, 2021, and ongoing evaluations of your sample assemblies, we are pleased to confirm continued approval of your organization as an authorized fabricator of Stratoflex aircraft hose assemblies.

In accordance with the Parker Hannifin, Stratoflex Products Division FAA TSO authority, listed under FAA PT0155SW TSOA approval, you are authorized to fabricate the discrete list of top level Stratoflex hose assemblies listed below from Stratoflex provided hose and fitting components, and to certify those assemblies fabricated and inspected by **Professional Aviation Associates** & branded with the **Stratoflex** trademark in all respects are the same as previously qualified by Stratoflex and approved by the FAA.

This Certificate of Approval provides you written authorization to assemble from components provided from Stratoflex and ship direct to your customer any hose assembly as listed on the attached Product Charter for which Stratoflex Fort Worth holds T.S.O. authorization. You shall identify these hose assemblies at a minimum with the Stratoflex trademark, the hose assembly part number, the assigned facility code "**CD**", the date of manufacture, the assembly pressure rating, and the appropriate T.S.O. designation.

Your hose Shop Quality Program Manual, dated **December 10, 2020**, is approved as assurance of compliance with the Stratoflex Distributor Quality Program Manual issued May 12, 2015.

Your equipment, procedures, methods of assembly workmanship, records, and tests were found to be in good practice and in compliance with all the appropriate requirements. Adequate records must be available and maintained for review at any time by customers, the FAA, other U.S. Governments activities or Stratoflex as necessary. You must advise us prior to any changes in your operation regarding Stratoflex processing. You are to follow all Stratoflex procedures to fabricate, identify, inspect and test aerospace hose assemblies and you are fully responsible for the warranty and service of these assemblies. Stratoflex will provide technical service and perform sampling control tests as scheduled for surveillance and assurance that your processing fully conforms to all Stratoflex requirements. For assurance of continued compliance to all specifications, future audits will be conducted at your facility.

Sincerely,


Corla Jacobson - Sr Division Supplier Quality Engineer
PARKER HANNIFIN CORPORATION
Stratoflex Products Division

HOSE PRODUCT CHARTER for Professional Aviation Associates

November 17, 2021

| HOSE TYPE | DIAMETER RANGE | TSO NUMBER |
|-----------|-------------------|------------------------------------|
| 111 | -3 TO -32 | TSO-C53a TYPE A |
| 111 | -3 TO -32 | TSO-C75 TYPE I-A-P (250°F LIMIT) |
| 111F | -3 TO -32 | TSO-C53a TYPE C |
| 111F | -3 TO -32 | TSO-C75 TYPE I-A-P-F (250°F LIMIT) |
| 124 | -3 TO -16 | TSO-C53a TYPE B |
| 124 | -3 TO -16 | TSO-C75 TYPE III-A-S/P |
| 124F | -3 TO -16 | TSO-C53a TYPE D |
| 124F | -5 TO -16 | TSO-C75 TYPE III-A-S/P-F |
| 124H | -3 TO -16 | TSO-C53a TYPE D |
| 124H | -5 TO -16 | TSO-C75 TYPE III-A-S/P-F |
| 124J | -3 TO -16 | TSO-C53a TYPE D |
| 124J | -5 TO -16 | TSO-C75 TYPE III-A-S/P-F |
| 124K | -3 TO -16 | TSO-C53a TYPE A |
| 124K | -3 TO -16 | TSO-C75 TYPE II-A-S/P |
| 130 | -4 TO -12 | TSO-C53 TYPE A |
| 130F | -4 TO -12 | TSO-C53 TYPE C |
| 156 | -3 TO -16 | TSO-C53a TYPE A |
| 156 | -3 TO -16 | TSO-C75 TYPE I/II-A-S/P |
| 156F | -3 TO -16 | TSO-C53a TYPE C |
| 156F | -4 TO -16 | TSO-C75 TYPE I/II-A-S/P-F |
| 156H | -3 TO -16 | TSO-C53a TYPE C |
| 156H | -3 TO -16 | TSO-C75 TYPE I/II-A-S/P-F |
| 170 | -4 TO -16 | TSO-C53a TYPE B |
| 170 | -4 TO -16 | TSO-C75 TYPE III-B-S/P |
| 170F | -4 TO -16 | TSO-C53a TYPE D |
| 170F | -4 TO -16 | TSO-C75 TYPE III-B-S/P-F |
| 170H | -4 TO -16 | TSO-C75 TYPE III-B-S/P-F |
| 170J | -10, -12, and -16 | TSO-C75 TYPE III-B-S/P-F |
| 171 | -4 TO -12 | TSO-C75 TYPE III-B-S/P |
| 171F | -4 TO -12 | TSO-C75 TYPE III-B-S/P-F |
| 171H | -4 TO -10 | TSO-C75 TYPE III-B-S/P-F |
| 171J | -6 TO -12 | TSO-C75 TYPE III-B-S/P-F |
| 171K | -4 TO -12 | TSO C75 TYPE II-B-S/P |
| 193 | -2 TO -10 | Non-TSO, AN 6270 |

Note:

Any Non-TSO assemblies shall include a standard Certificate of Conformance from the distributor and not state compliance to TSO.

See IB-1030 and IB-1034 for information related to TSO designations.

Any "K" covering will reduce the TSO C75 rating from Type III to Type II. See IB 1030 for further information. "K" style hoses are approved under the base hose, such as 124K is approved under the base 124 hose.