



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

Aviation Safety

2300 East Devon Ave., Room 238
Des Plaines, IL 60018

May 6, 2019

Mr. Douglas R Sebion
Mitchell PMA, LLC
1160 Alexander Court
Cary, IL 60013

Dear Mr. Sebion:

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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 Mitchell PMA, LLC, with your letter dated November 28, 2018, meets the airworthiness requirements of the regulations applicable to the product for which the articles are to be installed. Additionally, the FAA has determined that Mitchell PMA, LLC, has established the quality system required by § 21.307 at 1160 Alexander Court, Cary, IL 60013. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 11, dated April 17, 2019.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA letter of approval dated April 17, 2018, also apply to the enclosed PMA Listing-Supplement No. 11. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

Timothy L. Bonderer
Aviation Safety
Manager, MSP/CHI MIDO, AIR-891

Enclosure: PMA Supplement No. 11



U.S. Department of Transportation
Federal Aviation Administration

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Mitchell PMA LLC
 1160 Alexander Court
 Cary, IL 60013

PMA No.: PQ04379CE
 Supplement No.: 11
 Date: April 17, 2019


| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|--------------|------------------|---|---|----------------------|---|
| Strainer | 170-46754-001MIT | 170-46754-001 | Test and Computations per 14 CFR § 21.303 DWG No: 170-46754-001MIT Rev: IR Date: 11/19/2018 or later FAA approved revisions | Embraer | ERJ 170-100 STD, ERJ 170-100 LR, ERJ 170-100 SU, ERJ 170-100 SE, ERJ 170-200 STD, ERJ 170-200 LR, ERJ 170-200 SU, ERJ 170-200 LL, ERJ 190-100 STD, ERJ 190-100 LR, ERJ 190-100 IGW, ERJ 190-100 ECJ, ERJ 190-200 STD, ERJ 190-200 LR, ERJ 190-200 IGW |

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

GENERAL NOTES:

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.

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 supplementary ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR § 21.50.


 Timothy P. Smyth
 Manager, Chicago ACO Branch,
 Compliance & Airworthiness Division


 Timothy L. Bonderer
 Manager, MSP/CHI MIDO Section,
 System Oversight Division