



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

Aviation Safety

400 Airport Road, Bldg. 201, Rm. 102  
New Cumberland, PA 17070

February 4, 2020

Mr. Jeff Hughes  
Vice President – Engineering and Quality Assurance  
Magee Plastics Company  
303 Brush Creek Road  
Warrendale, PA 15086

FEDERAL AVIATION ADMINISTRATION (FAA) – PARTS MANUFACTURER  
APPROVAL (PMA)

Dear Mr. Hughes:

In accordance with 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, evidenced by the New York Aircraft Certification Office (NYACO) memorandum dated January 30, 2020, along with your letter dated December 30, 2019, 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 Magee Plastics Company has established the quality system required by § 21.307 at 303 Brush Creek Road, Warrendale, Pennsylvania 15086. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 86.

You are reminded that the provisions of 14 CFR parts 21 and 45, noted in our PMA letter of approval dated, May 2, 2013 also apply to the enclosed PMA Listing-Supplement No. 86. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

Mazdak Hobbi  
Acting Manager, New Cumberland MIDO Section  
New England MIO Branch  
System Oversight Division  
Aircraft Certification Service

Enclosure(s)  
PMA Supplement No. 86

Cc: AIR-140 (email supplement)



**FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL**

**Magee Plastics Company**

**303 Brush Creek Road**

**Warrendale, PA 15086-7595**

**Ph: (724) 776-2220, Fax: (724) 776-9696**

**PMA No.:** PQ0734NE

**Supplement No.:** 86

**Date:** February 4, 2020

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Acoustic Pane	121-11866-1()	170-46251-003	Test and Computations per 14 CFR § 21.303 and <u>Magee Plastics Company Dwg.</u> <u>No:</u> 4-121-11866 <u>Rev:</u> New <u>Date:</u> 2019 JUL 23 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 ERJ 190-300 ERJ 190-400
Shade	122-11186-1()	170-46252-003 170-46252-001 171-46055-001	Test and Computations per 14 CFR § 21.303 and <u>Magee Plastics Company Dwg.</u> <u>No:</u> 4-122-11186 <u>Rev:</u> New <u>Date:</u> 2018 MAY 11 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 ERJ 190-300 ERJ 190-400

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



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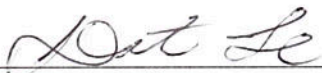
**Date:** February 4, 2020

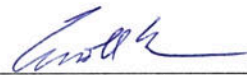
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**GENERAL NOTES:**

Provide minor design changes in a manner as determined by the ACO. Handle major design changes to drawings and specifications in the same manner as that for an original FAA -PMA.

The FAA accepted the ICA 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 parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

For   
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Anthony E. Gallo  
Manager, AIR-7H0  
New York ACO Branch

  
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Manager, New Cumberland MIDO-Section  
AIR-8A4 Systems Oversight Division