

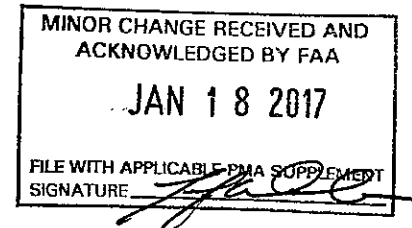
CWS-2016-0025
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magee

01-23-17P01:20 RCVD

2016 NOV 14

Federal Aviation Administration
New England Region
New York Aircraft Certification Office
1600 Stewart Avenue, Suite 410
Westbury, NY 11590



ATTENTION: MR. RAYMOND H. REINHARDT, ACTING MANAGER - NYACO, ANE-170

**SUBJECT: PMA DATA PACKAGE AMENDMENT FOR MAGEE PLASTICS AIRBUS A318/319/320/321
SERIES REPLACEMENT WINDOW REVEALS**

REFERENCES: A. Magee PMA Supplement No. 45, Amendment 4, Dated 2015 MAY 22.

Dear Mr. Reinhardt:

Magee Plastics Company is submitting a request for a minor change updated data package for the subject Parts Manufacturing Approval (PMA).

The update includes the following minor changes to add alternate materials:

1.	Drawing 2-800-02029 revision C added Isovolt AIRDEC-1E as an alternate material.
2.	Drawing 2-800-02030 revision A added Isovolt AIRDEC-1E as an alternate material.
3.	Drawing 2-800-02031 revision B added Isovolt AIRDEC-1E as an alternate material.
4.	Drawing 2-800-02032 revision A added Isovolt AIRDEC-1E as an alternate material.
5.	Drawing 2-800-02033 revision A added Isovolt AIRDEC-1E as an alternate material.
6.	Drawing 2-800-02037 revision A added Isovolt AIRDEC-1E as an alternate material.
7.	Drawing 2-800-02038 revision A added Isovolt AIRDEC-1E as an alternate material.
8.	Drawing 4-122-11110 revision G changes the drawing size for all of the above drawings from 1 to 2 in the raw material table.

The update also includes the following minor changes to for production and part marking methods:

1.	Drawing 4-121-11635 revision C added notes 5 and 6, and edited note 4.
2.	Drawing 4-121-11709 revision B added notes 5 and 6, and edited note 4.
3.	Drawing 4-121-31354 revision G removed note 6, added notes 7 and 8, and edited note 4.

We request your review and acceptance of the enclosed data being submitted in support of this PMA update. There were no part design changes in any of these updates.

R. Reinhardt
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The Magee engineering drawings contain the necessary information to manufacture the window shades. Along with the revised data pertaining to this PMA supplement, enclosed is a copy of the following support documents:

1.	Magee Plastics Master Drawing List, MDL-122-11110, Revision K, Dated 2016 NOV 09, Airbus A318/319/320/321 and A330/340 Series Window Panes and Shades Installation.
2.	Magee Plastics Flammability Test Plan/Report, MFR-122-11110, Revision F, Dated 2016 NOV 08, Airbus A318/319/320/321 and A330/340 Series Window Panes and Shades Installation.

The articles will be manufactured by Magee Plastics Company at 303 Brush Creek Road in Warrendale, Pennsylvania 15086-7595. Magee Plastics Company hereby certifies that these articles will be manufactured in accordance with our quality system, that has been established per the Magee Manual 1001 to comply with the requirements of 14 CFR part 21 § 21.307. The Magee quality system is registered in accordance with AS9100 Rev C quality standards.

The replacement articles are not critical, complex, or life limited articles. If the articles fail to operate because of wear, damage, or maintenance procedures, the failed article will not cause any harm to the airplane nor next higher assembly.

In accordance with 14 CFR part 21 § 21.303(a)(5), I certify that Magee Plastics Company has shown compliance with all the applicable requirements and regulations at the certification basis identified in the Part Specific Certification Plan (PSCP), Magee Plastics Report, MCR-122-11110, Rev E, dated 2008 JAN 17. The PSCP gives a detailed explanation of the installation and certification issues and a listing, by 14 CFR number, for compliance.

I certify that we have complied with all applicable requirements as identified in the certification basis listed in the project specific certification plan using the methods of compliance as identified in Magee Plastics PSCP Report, MCR-122-11110. I also certify that we will not submit data to the FAA or its designee until we have complied with the applicable requirements for that submittal.

Thank you for your assistance in this project and, as always, we look forward to working with the NYACO. If you have any questions, or need any additional information, please advise.

Best Regards,



Charles W. C. Story
Vice President of Engineering and Quality Assurance

Enclosures: One (1) copy of the data package including the revised Magee Drawings, Master Data List, and Fire Properties Test Plan/Report.

CC: Tonya H. Dengler MIDO-44



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

Engine and Propeller Directorate

Manufacturing Inspection District Office -44
400 Airport Drive, Bldg. 201, Rm. 102
New Cumberland, PA 17070-3419
(717) 782-4425, Fax: (717) 782-2231

May 2, 2013

Mr. Chuck Story
VP Engineering and Quality
Magee Plastics Company
303 Brush Creek Road
Warrendale, PA 15086

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Dear Mr. Story:

In accordance with 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, as submitted by Magee Plastics Company, (hereinafter referred to as "the Manufacturer") on April 24, 2013, meet the airworthiness requirements of 14 CFR applicable to the product(s) on which the article(s) is to be installed. Additionally, the FAA has determined that the Manufacturer has established the quality system required by § 21.307 at 303 Brush Creek Road, Warrendale, PA. 15086. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted to the Manufacturer to produce the replacement articles (or modification articles, as applicable) listed in the enclosed supplement(s) in conformity with the FAA-approved design data. Subsequent changes to these design data must be approved in a manner acceptable to the FAA.

The following terms and conditions apply to this approval:

1. The Manufacturer's Quality System, methods, procedures, and manufacturing facilities, including suppliers, are subject to FAA surveillance and investigations. Accordingly, the Manufacturer must advise its suppliers that their facilities are also subject to FAA surveillance and investigations.
2. The Manufacturer must obtain approval from the Federal Aviation Administration, ANE-MIDO-44, Bldg. 201, Room 102, 400 Airport Road, New Cumberland PA, 17070-3419 prior to relocating or expanding manufacturing facilities at which articles are produced. This includes the addition of associate facilities. Additionally, this requirement applies to the Manufacturer's suppliers with major inspection authorization, and those suppliers who furnish articles or related services where a determination of safety and conformance to the approved design cannot or will not be made upon receipt at the approved receiving facility.
3. Upon request, the Manufacturer must make available to the FAA any pertinent information concerning their suppliers who furnish parts/services. This includes:

- a. A description of the part or service;
 - b. Where and by whom the part or service will undergo inspection;
 - c. Any delegation of inspection duties;
 - d. Any delegation of materials review authority;
 - e. The name and title of the FAA contact at the supplier facility;
 - f. The inspection procedures required to be implemented;
 - g. Any direct-shipment authority;
 - h. Results of the Manufacturer's evaluation, audit, and/or surveillance of their suppliers;
 - i. The purchase/work order number (or equivalent); and
 - j. Any feedback relative to service difficulties originating at the Manufacturer's suppliers.
4. Parts, appliances, or manufacturing services furnished by any suppliers located in a foreign country may not be used in the production of any article listed in the enclosed supplement unless:
 - a. That part or service can and will be completely inspected for conformity at the Manufacturer's U.S. facility; or
 - b. The FAA has determined that the location of the foreign supplier facility places no undue burden on the FAA in administering applicable airworthiness requirements. The Manufacturer must advise the FAA at least ten working days in advance when the use of such foreign suppliers is contemplated. This will allow the FAA time to make this determination.
5. Articles produced under the terms of this approval must be permanently marked with the identification information as required by 14 CFR part 45, Identification and Registration Marking, § 45.15. Use the letters "FAA-PMA," the name, trademark, or symbol of the company, and the part number. If the FAA finds the article is too small or impractical to mark, the manufacturer must attach the information required by § 45.15 to the article or its container.
6. This approval is not transferable and it may be withdrawn for any reason that precludes its issuance or whenever the FAA finds that the quality system is not being maintained. A withdrawal may occur if unsafe or nonconforming parts are accepted under the quality system.

7. The New Cumberland MIDO must approve any changes to the address shown in this approval.
8. The Manufacturer must maintain its quality system in continuous compliance with the requirements of § 21.307. The Manufacturer also must ensure that each article conforms to the approved design data and is safe for installation on type-certificated products.
9. A PMA holder has the privileges specified within the PMA letter and supplement. In addition, a PMA holder is eligible for the appointment of qualified individuals in its employ to represent the FAA as Designated Manufacturing Inspection Representatives (DMIRs), in accordance with the provisions of part 183. The DMIRs may issue export airworthiness approvals for articles. The PMA holder may also be authorized to apply for and obtain an Organization Designation Authorization (ODA). Orders 8100.8 and 8100.15 contain procedures for the administration of DMIRs and ODAs, respectively.
10. The Manufacturer must report in a timely manner, to the New Cumberland MIDO, information concerning service difficulties on any article produced under this approval. The Manufacturer also must report any failures, malfunctions, and defects that are required to be reported in accordance with § 21.3.
11. All technical data required by § 21.303(a)(3), for the articles to be produced in accordance with this approval, must be readily available to the FAA at the facility where the articles are being produced.
12. The Manufacturer must notify the New Cumberland MIDO immediately in writing of any changes to the quality system that may affect the inspection, conformity, or airworthiness of the articles approved in this letter.
13. The Manufacturer must produce all articles in accordance with Magee Plastics Company Quality Manual # 1001, Revision AK dated October 21, 2011 that has been presented as evidence of compliance with § 21.307. Accordingly, any revisions to these data must be submitted to the New Cumberland MIDO for approval prior to implementation.

Sincerely,


Stacy L. Ratliff
Manager

Enclosure:

Magee Plastics Company PMA Supplement # 45, Amendment # 4
cc: AIR-112

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

PROJECT NO. PQ0734NE
SUPPLEMENT NO. 45, Amendment 4
DATE: May 2, 2013

Part Name	Part Number	Approved Replacement for Airbus P/N	FAA Approval Basis & Approved Design Data	Installation Eligibility: MAKE	Installation Eligibility: MODEL
Rigid Shade Assy (Slider)/DA 3.32	122-11110-1A	F2527060600600 F2527060602600 F2527060401000 G2528642000800	Test and Computations per 14 CFR § 21.303 and <u>Magee Plastics Company</u> <u>Dwg. No:</u> 4-122-11110 <u>Rev:</u> F <u>Date:</u> 2013 FEB 5 Or later FAA approved revisions	Airbus	A318/A319/320 /321 All Series and A330/340 All Series
Rigid Shade Assy (Slider)/DA 12.5	122-11110-1B	F2527060600000 F2527060602000 F2527060400000 F2527060400600 G2528642000200			
Rigid Shade Assy (Slider)/DA 3.31	122-11110-1C	F2527060600200 F2527060602200 F2527060400200 F2527060400800 G2528642000400			
Rigid Shade Assy (Slider)/DA 3.1	122-11110-1D	F2527060600400 F2527060602400 F2527060401400 G2528642000600			
Rigid Shade Assy (Slider)/DA 2.8	122-11110-1E	F2527060600800 F2527060601000 F2527060602800 F2527060603000 F2527060401200 G2528642001000 G2528642001200			
Rigid Shade Assy (Slider)/DA 2.49	122-11110-1F	F2527060603200 G2528642001400			
Rigid Shade Assy (Slider)/DA 12.16	122-11110-1G	F2527060601200 G2528642005000			
Acoustic Pane (Inner Pane)	121-31354-1() See Note Below	D2527104300000 D2527104320000 D2527104520000 D2527104520400 D2527104320200	Test and Computations per 14 CFR § 21.303 and <u>Magee Plastics Company</u> <u>Dwg. No:</u> 4-121-31354 <u>Rev:</u> F <u>Date:</u> 2011 MAY 10 Or later FAA approved revisions	Airbus	A318/A319/320 /321 All Series and A330/340 All Series

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

PROJECT NO. PQ0734NE
SUPPLEMENT NO. 45, Amendment 4
DATE: May 2, 2013

Part Name	Part Number	Approved Replacement for Airbus P/N	FAA Approval Basis & Approved Design Data	Installation Eligibility: MAKE	Installation Eligibility: MODEL
Acoustic Pane (Inner Pane)	121-11635-1() See Note Below	F2527059920400 F2527059920200 F2527059920000	Test and Computations per 14 CFR § 21.303 and <u>Magee Plastics Company</u> <u>Dwg. No:</u> 4-121-11635 <u>Rev:</u> B <u>Date:</u> 2010 MAY 10 Or later FAA approved revisions	Airbus	A330/340 All Series
Acoustic Pane (Inner Pane)	121-11709-1() See Note Below	D2529185820000	Test and Computations per 14 CFR § 21.303 and <u>Magee Plastics Company</u> <u>Dwg. No:</u> 4-121-11709 <u>Rev:</u> A <u>Date:</u> 2009 JAN 6 Or later FAA approved revisions	Airbus	A318/A319/320 /321 All Series

Open parentheses () denotes letter color code is required based on airline color preference, example A, B, C, etc... See Magee Drawing listed for specific color codes.

-----END OF LISTING-----

* Denotes "Or Later FAA-Approved Revision"

NOTE:

- 1) 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.
- 2) The FAA approved ICA for the above parts with their designs. These ICA may refer to those of the respective parts 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.


Gaetano Sciortino
Manager, New York Aircraft
Aircraft Certification Office


Stacy L. Ratliff, Manager, ANE-MIDO-44
Manufacturing Inspection District Office
New Cumberland, Pennsylvania