



U.S. Department  
of Transportation

Small Airplane Directorate  
Cleveland Manufacturing Inspection District Office  
Great Northern Technology Park II  
25221 Country Club Blvd., Suite 255  
North Olmsted, Ohio 44070

**Federal Aviation  
Administration**

May 18, 2015

Flight Specialties Components Corp.  
375 Alpha Park  
Highland Heights, OH 44143

**FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL**

Dear Mr. Rose:

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 Design Approval letter dated March 30, 2015, with your letter dated January 30, 2015, 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 Flight Specialties Components Corp. has established the quality system required by § 21.307 at 375 Alpha Park, Highland Heights, OH 44143. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement articles listed in the enclosed Supplement No. 83.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated March 28, 2003, also apply to the enclosed PMA Listing-Supplement No. 83. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

A handwritten signature in black ink, appearing to read "Al Clifton".

Al Clifton, Acting Manager,  
Cleveland Manufacturing  
Inspection District Office

Enclosure



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

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Flight Specialties Components Corp  
 375 Alpha Park  
 Highland Heights, OH 44143

PMA No.: PQ2710CE  
 Supplement No.: 83  
 Date: 5/18/15

<u>Article Name</u>	<u>Article Number</u>	<u>Approved Replacement For Article Number</u>	<u>Approval Basis and Approved Design Data</u>	<u>Make/TCH Eligibility</u>	<u>Model/Series Eligibility</u>
Pushbutton	538550FS	Thales P/N 538550	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 5385-SMALL <u>Rev:</u> C <u>Date:</u> 01/19/2015 or later FAA-approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -113, A319 Model -114, A319 Model -115, A319 Model -131, A319 Model -132, A319 Model -133, A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233, A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231, A321 Model -232
Pushbutton	538551FS	Thales P/N 538551	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 5385-SMALL <u>Rev:</u> C <u>Date:</u> 01/19/2015 or later FAA-approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -113, A319 Model -114, A319 Model -115, A319 Model -131, A319 Model -132, A319 Model -133, A320 Model -111, A320 Model -211, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233, A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231, A321 Model -232
Pushbutton	538552FS	Thales P/N 538552	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 5385-SMALL <u>Rev:</u> C <u>Date:</u> 01/19/2015 or later FAA-approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -113, A319 Model -114, A319 Model -115, A319 Model -131, A319 Model -132, A319 Model -133, A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233, A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231, A321 Model -232

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Pushbutton	538553FS	Thales P/N 538553	Test and Computations per 14 CFR § 21.303 <u>DWG No: 5385-SMALL</u> <u>Rev: C</u> <u>Date: 01/19/2015 or later</u> FAA-approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -113, A319 Model -114, A319 Model -115, A319 Model -131, A319 Model -132, A319 Model -133, A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233, A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231, A321 Model -232
Pushbutton	538554FS	Thales P/N 538554	Test and Computations per 14 CFR § 21.303 <u>DWG No: 5385-SMALL</u> <u>Rev: C</u> <u>Date: 01/19/2015 or later</u> FAA-approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -113, A319 Model -114, A319 Model -115, A319 Model -131, A319 Model -132, A319 Model -133, A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233, A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231, A321 Model -232
Pushbutton	538555FS	Thales P/N 538555	Test and Computations per 14 CFR § 21.303 <u>DWG No: 5385-SMALL</u> <u>Rev: C</u> <u>Date: 01/19/2015 or later</u> FAA-approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -113, A319 Model -114, A319 Model -115, A319 Model -131, A319 Model -132, A319 Model -133, A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233, A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231, A321 Model -232

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Pushbutton	538556FS	Thales P/N 538556	Test and Computations per 14 CFR § 21.303 <u>DWG No: 5385-SMALL</u> <u>Rev: C</u> <u>Date: 01/19/2015 or later</u> FAA-approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -113, A319 Model -114, A319 Model -115, A319 Model -131, A319 Model -132, A319 Model -133, A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233, A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231, A321 Model -232
Pushbutton	538557FS	Thales P/N 538557	Test and Computations per 14 CFR § 21.303 <u>DWG No: 5385-SMALL</u> <u>Rev: C</u> <u>Date: 01/19/2015 or later</u> FAA-approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -113, A319 Model -114, A319 Model -115, A319 Model -131, A319 Model -132, A319 Model -133, A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233, A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231, A321 Model -232
Pushbutton	538558FS	Thales P/N 538558	Test and Computations per 14 CFR § 21.303 <u>DWG No: 5385-SMALL</u> <u>Rev: C</u> <u>Date: 01/19/2015 or later</u> FAA-approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -113, A319 Model -114, A319 Model -115, A319 Model -131, A319 Model -132, A319 Model -133, A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233, A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231, A321 Model -232

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Pushbutton	538559FS	Thales P/N 538559	Test and Computations per 14 CFR § 21.303 <u>DWG No: 5385-SMALL</u> <u>Rev: C</u> <u>Date: 01/19/2015 or later</u> FAA-approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -113, A319 Model -114, A319 Model -115, A319 Model -131, A319 Model -132, A319 Model -133, A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233, A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231, A321 Model -232
Pushbutton	538560FS	Thales P/N 538560	Test and Computations per 14 CFR § 21.303 <u>DWG No: 5385-LARGE</u> <u>Rev: C</u> <u>Date: 01/19/2015 or later</u> FAA-approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -113, A319 Model -114, A319 Model -115, A319 Model -131, A319 Model -132, A319 Model -133, A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233, A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231, A321 Model -232
Pushbutton	538561FS	Thales P/N 538561	Test and Computations per 14 CFR § 21.303 <u>DWG No: 5385-LARGE</u> <u>Rev: C</u> <u>Date: 01/19/2015 or later</u> FAA-approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -113, A319 Model -114, A319 Model -115, A319 Model -131, A319 Model -132, A319 Model -133, A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233, A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231, A321 Model -232

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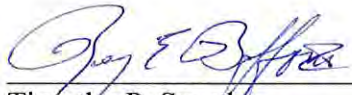
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Pushbutton	538562FS	Thales P/N 538562	Test and Computations per 14 CFR § 21.303 <u>DWG No: 5385-LARGE</u> <u>Rev: C</u> <u>Date: 01/19/2015 or later</u> FAA-approved revisions	Airbus	A319 Model -111, A319 Model -112, A319 Model -113, A319 Model -114, A319 Model -115, A319 Model -131, A319 Model -132, A319 Model -133, A320 Model -111, A320 Model -211, A320 Model -212, A320 Model -214, A320 Model -231, A320 Model -232, A320 Model -233, A321 Model -111, A321 Model -112, A321 Model -131, A321 Model -211, A321 Model -231, A321 Model -232

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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 the 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.

*for*   
 Timothy P. Smyth  
 Manager, Chicago Aircraft  
 Certification Office

 **ACTING MANAGER**  
 Matthew E. Yomscheck  
 Manager, Cleveland Manufacturing  
 Inspection District Office