

FAA – PARTS MANUFACTURER APPROVAL (PMA) SUPPLEMENT

Flight Specialties Components Corp.
A HEICO Aerospace Company
375 Alpha Park
Highland Heights, Ohio 44143

PMA NO.:	PQ2710CE
SUPPLEMENT No.:	ODA-FS-053
DATE:	May 14, 2019

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Pushbutton	A2001414FS	Thales P/N: A2001414	Tests and Computations per 14 CFR § 21.303, Dwg No.: A200SMALL, Rev.: E, Dated: 02/03/16, or later FAA approved revisions.	Airbus SAS	A318 Model -112
Pushbutton	A2001418FS	Thales P/N: A2001418	Tests and Computations per 14 CFR § 21.303, Dwg No.: A200SMALL, Rev.: E, Dated: 02/03/16, or later FAA approved revisions.	Airbus SAS	A318 Model -112
Pushbutton	A2001419FS	Thales P/N: A2001419	Tests and Computations per 14 CFR § 21.303, Dwg No.: A200SMALL, Rev.: E, Dated: 02/03/16, or later FAA approved revisions.	Airbus SAS	A318 Model -112
Pushbutton	A2001420FS	Thales P/N: A2001420	Tests and Computations per 14 CFR § 21.303, Dwg No.: A200SMALL, Rev.: E, Dated: 02/03/16, or later FAA approved revisions.	Airbus SAS	A318 Model -112
Pushbutton	A2001421FS	Thales P/N: A2001421	Tests and Computations per 14 CFR § 21.303, Dwg No.: A200SMALL, Rev.: E, Dated: 02/03/16, or later FAA approved revisions.	Airbus SAS	A318 Model -112

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Pushbutton	A2001422FS	Thales P/N: A2001422	Tests and Computations per 14 CFR § 21.303, Dwg No.: A200LARGE, Rev.: C, Dated: 9/19/16, or later FAA approved revisions.	Airbus SAS	A318 Model -112
Pushbutton	A2001423FS	Thales P/N: A2001423	Tests and Computations per 14 CFR § 21.303, Dwg No.: A200LARGE, Rev.: C, Dated: 9/19/16, or later FAA approved revisions.	Airbus SAS	A318 Model -112
Pushbutton	A2001424FS	Thales P/N: A2001424	Tests and Computations per 14 CFR § 21.303, Dwg No.: A200LARGE, Rev.: C, Dated: 9/19/16, or later FAA approved revisions.	Airbus SAS	A318 Model -112
Pushbutton	A2001425FS	Thales P/N: A2001425	Tests and Computations per 14 CFR § 21.303, Dwg No.: A200SMALL, Rev.: E, Dated: 02/03/16, or later FAA approved revisions.	Airbus SAS	A318 Model -112

----- End of Listing -----

NOTE: Minor design changes (reference 14 CFR part 21 §§ 21.319 and 21.619) and major design changes (reference 14 CFR part 21 §§ 21.319 and 21.619) to drawings and specifications must be accomplished in accordance with the FAA approved HEICO PMA ODA Procedures Manual.



 Marco Cuberos
 PMA ODA administrator
 HEICO Aerospace Corporation

MAY 14, 2019

 Date

This Supplement is an attachment to FAA-PMA approval letter dated March 28, 2003



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**

October 20, 2014

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


Attention: Mr. Dan Rose

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 Design Approval letter dated September 24, 2014, with your letter dated August 26, 2014, 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. 78.

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. 78. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,


Matthew E. Tomscheck
Manager, 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.: 78
 Date: October 20, 2014

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Pushbutton	A2001414FS	Thales P/N A2001414 Installed in Thales Flight Control Units	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> A200SMALL <u>Rev:</u> C <u>Date:</u> 01/26/2011 or later FAA-approved revisions	Airbus	A318-111, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-111, A321-112, A321-211, A321-212, A321-131, A321-231, A321-232
Pushbutton	A2001418FS	Thales P/N A2001418 Installed in Thales Flight Control Units	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> A200SMALL <u>Rev:</u> C <u>Date:</u> 01/26/2011 or later FAA-approved revisions	Airbus	A318-111, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-111, A321-112, A321-211, A321-212, A321-131, A321-231, A321-232
Pushbutton	A2001419FS	Thales P/N A2001419 Installed in Thales Flight Control Units	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> A200SMALL <u>Rev:</u> C <u>Date:</u> 01/26/2011 or later FAA-approved revisions	Airbus	A318-111, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-111, A321-112, A321-211, A321-212, A321-131, A321-231, A321-232
Pushbutton	A2001420FS	Thales P/N A2001420 Installed in Thales Flight Control Units	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> A200SMALL <u>Rev:</u> C <u>Date:</u> 01/26/2011 or later FAA-approved revisions	Airbus	A318-111, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-111, A321-112, A321-211, A321-212, A321-131, A321-231, A321-232

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ2710CE
 Supplement No.: 78
 Date: October 20, 2014

<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	A2001421FS	Thales P/N A2001421 Installed in Thales Flight Control Units	Test and Computations per 14 CFR § 21.303 <u>DWG No: A200SMALL</u> <u>Rev: C</u> <u>Date: 01/26/2011 or later</u> FAA-approved revisions	Airbus	A318-111, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-111, A321-112, A321-211, A321-212, A321-131, A321-231, A321-232
Pushbutton	A2001425FS	Thales P/N A2001425 Installed in Thales Flight Control Units	Test and Computations per 14 CFR § 21.303 <u>DWG No: A200SMALL</u> <u>Rev: C</u> <u>Date: 01/26/2011 or later</u> FAA-approved revisions	Airbus	A318-111, A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133, A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233, A321-111, A321-112, A321-211, A321-212, A321-131, A321-231, A321-232

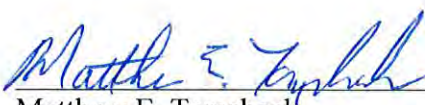
-----END OF DATA-----

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 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.


 Timothy P. Smyth
 Manager, Chicago Aircraft
 Certification Office


 Matthew E. Tomscheck
 Manager, Cleveland Manufacturing
 Inspection District Office



U. S. Department
of Transportation

**Federal Aviation
Administration**

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

March 31, 2011

Flight Specialties Components Corporation
A HEICO Subsidiary
375 Alpha Park
Highland Heights, OH 44143

Attn: Mr. Jeff Williams
Vice-President/General Manager

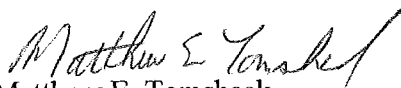
FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

The statements dated February 18, 2011, certifying that Flight Specialties Components Corporation has established a fabrication inspection system that meets the requirements of 14 CFR part 21.303(h) for the parts listed, are accepted.

Transmitted herewith is Production Approval Listing, Supplement No. 50 dated March 31, 2011, which grants approval of the production of the parts listed thereon, under the same conditions and limitations in the approval letter of March 28, 2003.

Should you have any questions regarding this matter, you may wish to direct them to this office at telephone number (440) 686-2800.

Sincerely,


Matthew E. Tomscheck
Manager, Manufacturing
Inspection District Office

Enclosure

PARTS MANUFACTURER APPROVAL NO: PQ2710CE
 PRODUCTION APPROVAL LISTING - SUPPLEMENT NO. 50
 DATE: March 31, 2011

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Flight Specialties Components Corporation
 A HEICO Subsidiary
 375 Alpha Park
 Highland Heights, OH 44143

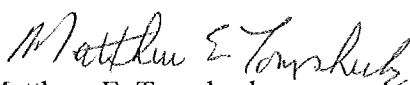
<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For</u>	<u>FAA Approval Basis and Approved Design Data</u>	<u>Installation Eligibility: MAKE</u>	<u>Installation Eligibility: MODEL</u>
Pushbutton	A2001414FS	Thales PN A2001414, installed in Thales Flight Control Units: C12850AA01, C12850AB02, C12850AC02, C12850BA01, C12850BB02, C12850BC02.	Test and Computations per 14 CFR § 21.303 DWG No: A200SMALL Rev: C Date: 01/26/2011 or later FAA-approved revisions	Airbus	A318-111 A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133 A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233 A321-111, A321-112, A321-211, A321-131, A321-231, A321-232
Pushbutton	A2001418FS	Thales PN A2001418, installed in Thales Flight Control Units: C12850AA01, C12850AB02, C12850AC02, C12850BA01, C12850BB02, C12850BC02.	Test and Computations per 14 CFR § 21.303 DWG No: A200SMALL Rev: C Date: 01/26/2011 or later FAA-approved revisions	Airbus	A318-111 A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133 A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233 A321-111, A321-112, A321-211, A321-131, A321-231, A321-232
Pushbutton	A2001419FS	Thales PN A2001419, installed in Thales Flight Control Units: C12850AA01, C12850AB02, C12850AC02, C12850BA01, C12850BB02, C12850BC02.	Test and Computations per 14 CFR § 21.303 DWG No: A200SMALL Rev: C Date: 01/26/2011 or later FAA-approved revisions	Airbus	A318-111 A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133 A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233 A321-111, A321-112, A321-211, A321-131, A321-231, A321-232

Pushbutton	A2001420FS	Thales PN A2001420, installed in Thales Flight Control Units: C12850AA01, C12850AB02, C12850AC02, C12850BA01, C12850BB02, C12850BC02.	Test and Computations per 14 CFR § 21.303 DWG No: A200SMALL Rev: C Date: 01/26/2011 or later FAA-approved revisions	Airbus	A318-111 A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133 A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233 A321-111, A321-112, A321-211, A321-131, A321-231, A321-232
Pushbutton	A2001421FS	Thales PN A2001421, installed in Thales Flight Control Units: C12850AA01, C12850AB02, C12850AC02, C12850BA01, C12850BB02, C12850BC02.	Test and Computations per 14 CFR § 21.303 DWG No: A200SMALL Rev: C Date: 01/26/2011 or later FAA-approved revisions	Airbus	A318-111 A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133 A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233 A321-111, A321-112, A321-211, A321-131, A321-231, A321-232
Pushbutton	A2001425FS	Thales PN A2001425, installed in Thales Flight Control Units: C12850AA01, C12850AB02, C12850AC02, C12850BA01, C12850BB02, C12850BC02.	Test and Computations per 14 CFR § 21.303 DWG No: A200SMALL Rev: C Date: 01/26/2011 or later FAA-approved revisions	Airbus	A318-111 A319-111, A319-112, A319-113, A319-114, A319-115, A319-131, A319-132, A319-133 A320-111, A320-211, A320-212, A320-214, A320-231, A320-232, A320-233 A321-111, A321-112, A321-211, A321-131, A321-231, A321-232

-----End of Listing-----

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.


Matthew E. Tomsheck
Manager, Manufacturing
Inspection District Office