



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

Aircraft Certification Service  
System Oversight Division  
Wichita MIDO Section  
2204 S. Tyler Rd.  
Wichita, KS 67209

February 8, 2018

Mr. Jeff Brock  
Engineering Manager  
McFarlane Aviation, Inc.  
696 E 1700 Road  
Baldwin City, Kansas 66006

FEDERAL AVIATION ADMINISTRATION-PARTS MANUFACTURER APPROVAL

Dear Mr. Brock:

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, on the basis of Test and Computation per 14 CFR § 21.303, as approved by the Chicago FAA Aircraft Certification Office with their letter, dated February 7, 2018, meets the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that McFarlane Aviation Inc. has established the quality system required by § 21.307 at 696 E 1700 Road Baldwin City, Kansas 66006. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 110.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated May 20, 1994 also apply to the enclosed PMA Listing-Supplement No. 110. The enclosed Supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

Neal R. Rice  
Manager, Wichita MIDO Section

Enclosure: Supplement No. 110

cc: AIR-6C2



U.S. Department of Transportation  
Federal Aviation Administration

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

McFarlane Aviation, Inc.  
696 E 1700 Road  
Baldwin City, KS 66006

PMA No.: PQ3732CE  
Supplement No.: 110  
Date: February 7, 2018

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Cable Assembly	MC33-524000-61	33-524000-61	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 1781 <u>Rev:</u> E <u>Date:</u> 01/26/2012 or later FAA-approved revisions	Textron Aviation Inc.	E33C
Cable-Chain Assembly	MC35-524314	35-524314	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 1788 <u>Rev:</u> Original <u>Date:</u> 10/15/2007 or later FAA-approved revisions	Textron Aviation Inc.	E33C
Cable Assembly	MC36-524011-1	36-524011-1	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 1781 <u>Rev:</u> E <u>Date:</u> 01/26/2012 or later FAA-approved revisions	Textron Aviation Inc.	E33C
Cable Assembly	MC36-524011-3	36524011-3	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 1781 <u>Rev:</u> E <u>Date:</u> 01/26/2012 or later FAA-approved revisions	Textron Aviation Inc.	E33C
Cable-Chain Assembly	MC36-524000-29	36-524000-29	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 1788 <u>Rev:</u> Original <u>Date:</u> 10/15/2007 or later FAA-approved revisions	Textron Aviation Inc.	E33C, F33A
Cable-Chain Assembly	MC36-524000-31	36-524000-31	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 1788 <u>Rev:</u> Original <u>Date:</u> 10/15/2007 or later FAA-approved revisions	Textron Aviation Inc.	E33C
Cable Assembly	MCNAS30422-0255	NAS304-22-0255	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 1781 <u>Rev:</u> E <u>Date:</u> 01/26/2012 or later FAA-approved revisions	Textron Aviation Inc.	E33C, F33A

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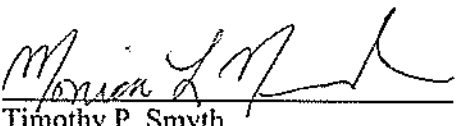
Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Cable Assembly	MCNAS30426-0603	NAS304-26-0603	Test and Computations per 14 CFR § 21.303 <u>DWG No: 1781</u> <u>Rev: E</u> <u>Date: 01/26/2012 or later</u> FAA-approved revisions	Textron Aviation Inc.	E33C, F33A
Cable Assembly	MCNAS30434-1520	NAS304-34-1520	Test and Computations per 14 CFR § 21.303 <u>DWG No: 1781</u> <u>Rev: E</u> <u>Date: 01/26/2012 or later</u> FAA-approved revisions	Textron Aviation Inc.	E33C
Cable Assembly	MCNAS30435-0564	NAS304-35-0564	Test and Computations per 14 CFR § 21.303 <u>DWG No: 1781</u> <u>Rev: E</u> <u>Date: 01/26/2012 or later</u> FAA-approved revisions	Textron Aviation Inc.	E33C
Cable Assembly	MCNAS30466-0173	NAS304-66-0173	Test and Computations per 14 CFR § 21.303 <u>DWG No: 1781</u> <u>Rev: E</u> <u>Date: 01/26/2012 or later</u> FAA-approved revisions	Textron Aviation Inc.	E33C, F33A
Cable Assembly	MCNAS31237-0790	NAS312-37-0790	Test and Computations per 14 CFR § 21.303 <u>DWG No: 1781</u> <u>Rev: E</u> <u>Date: 01/26/2012 or later</u> FAA-approved revisions	Textron Aviation Inc.	E33C


-----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.

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

  
Neal R. Rice  
Manager, Wichita MIDO Section  
System Oversight Division