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

Small Airplane Directorate
Wichita Manufacturing Inspection
District Office
2204 South Tyler Road
Wichita, Kansas 67209

December 3, 2016

Mr. Dana Yarnell
Quality Manager
McFarlane Aviation, Inc.
696 E. 1700 Road
Baldwin City, Kansas 66006

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Dear Mr. Yarnell:

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 Test and Computations submitted by McFarlane Aviation with your letter dated February 3, 2015, 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 modification articles listed in the enclosed Supplement No. 80.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated September 3, 1993, also apply to the enclosed PMA Listing Supplement No. 80. 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 Manufacturing
 Inspection District Office

Enclosure
PMA Listing
Supplement No 80

CC: AIR112

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No. PQ3732CE
Supplement No. 80
Date: December 3, 2015

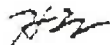| Article Name	Article Number	Approved Replacement For Article No.	Approval Basis and Approved Design Data	Make/TCH Eligibility:	Model/Series Eligibility:
TRIM CONTROL CONNECTING LINK	MCS2294-25	S2294-25	Test and Computation per 14 CFR § 21.303, DWG: 1147, Rev: F, Date: 08/14/2015 or later FAA-approved revisions	Textron Aviation	208 s/n ALL; 208B s/n ALL
CHAIN	MCS2295-25-35	S2295-25-35	Test and Computation per 14 CFR § 21.303, DWG: 1147, Rev: F, Date: 08/14/2015 or later FAA-approved revisions	Textron Aviation	208 s/n ALL; 208B s/n ALL
TRIM CHAIN	MCS2295-25-43	S2295-25-43	Test and Computation per 14 CFR § 21.303, DWG: 1147, Rev: F, Date: 08/14/2015 or later FAA-approved revisions	Textron Aviation	208 s/n 20800082 & ON; 208B s/n ALL
CHAIN	MCS2295-25-87	S2295-25-87	Test and Computation per 14 CFR § 21.303, DWG: 1147, Rev: F, Date: 08/14/2015 or later FAA-approved revisions	Textron Aviation	208 s/n ALL; 208B s/n ALL
CHAIN	MCS2295-25-101	S2295-25-101	Test and Computation per 14 CFR § 21.303, DWG: 1147, Rev: F, Date: 08/14/2015 or later FAA-approved revisions	Textron Aviation	208 s/n ALL; 208B s/n ALL
CHAIN	MCS2295-25-107	S2295-25-107	Test and Computation per 14 CFR § 21.303, DWG: 1147, Rev: F, Date: 08/14/2015 or later FAA-approved revisions	Textron Aviation	208 s/n ALL; 208B s/n ALL

Article Name	Article Number	Approved Replacement For Article No.	Approval Basis and Approved Design Data	Make/TCH Eligibility:	Model/Series Eligibility:
CHAIN	MCS2295-25-247	S2295-25-247	Test and Computation per 14 CFR § 21.303, DWG: 1147, Rev: F, Date: 08/14/2015 or later FAA-approved revisions	Textron Aviation	208 s/n ALL; 208B s/n ALL

---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 supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.

Manager, Wichita Aircraft
Certification Office

Manager, Wichita Manufacturing
Inspection District Office