



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

Small Airplane Directorate
Kansas City Manufacturing Inspection
District Office
901 Locust Street, Room 403B
Kansas City, MO 64106-2641
Tel: 816-329-4190 Fax: 816-329-4195

January 16, 2015

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

Project No. PQ3732CE

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 and Parts, subpart K, the FAA has found that the design data, based on Test and Computation submitted by McFarlane Aviation, Inc., with your letters dated October 1, 2014 and December 4, 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 McFarlane Aviation, Inc., has established the quality system required by § 21.307 at 696 E. 1700 Road, Baldwin City, KS 66006. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed **Supplements No.76 and 77.**

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 applies to the enclosed PMA Listing-**Supplements No.76 and 77.**

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

Sincerely,

Greg Rosenberg
Aviation Safety Inspector
Kansas City, MIDO

Enclosures

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No: PQ3732CE
Supplement No. 77
Date: January 16, 2015

<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 Eligibility</u>	<u>MODEL Eligibility:</u>
GASKET	MC0426013-1	0426013-1	Test and Computation per 14 CFR § 21.303. Drawing: 1341 , Rev: B , Date: 02/24/2014 or later FAA approved revisions.	CESSNA	150L s/n 15072629 thru 15075781; 150M s/n ALL; A150L s/n A1500277 thru A1500523; A150M s/n ALL; F150L s/n F15000739 thru F15001143; F150M s/n ALL; FA150L s/n FA1500167 thru FA1500261; FA150M s/n ALL; 152 s/n ALL; A152 s/n ALL; F152 s/n ALL; FA152 s/n ALL; 172L s/n 17259824 thru 17260758; 172M s/n ALL; 172N s/n ALL; 172P s/n ALL; 172Q s/n ALL; F172L s/n ALL; F172M s/n ALL; F172N s/n ALL; F172P s/n ALL; R172K s/n ALL; FR172H s/n FR17200301 thru FR17200350; FR172J s/n ALL; FR172K s/n ALL;
GASKET	MC0426013-2	0426013-2	Test and Computation per 14 CFR § 21.303. Drawing: 1341 , Rev: B , Date: 02/24/2014 or later FAA approved revisions.	CESSNA	150L s/n 15072629 thru 15075781; 150M s/n ALL; A150L s/n A1500277 thru A1500523; A150M s/n ALL; F150L s/n F15000739 thru F15001143; F150M s/n ALL; FA150L s/n FA1500167 thru FA1500261; FA150M s/n ALL; 152 s/n ALL; A152 s/n ALL; F152 s/n ALL; FA152 s/n ALL; 172M s/n 17263459 thru 17267584; 172N s/n ALL; 172P s/n ALL; 172Q s/n ALL; F172M s/n F17201235 thru F17201514; F172N s/n ALL; F172P s/n ALL; R172H s/n R17200495 thru R17200620
GASKET	MC0523531	0523531, 0523531-0	Test and Computation per 14 CFR § 21.303. Drawing: 1341 , Rev: B , Date: 02/24/2014 or later FAA approved revisions.	CESSNA	140A s/n ALL; 150 s/n ALL; 150A s/n ALL; 150B s/n ALL; 150C s/n ALL; 150D s/n ALL; 150E s/n ALL; 150F s/n ALL; 150G s/n ALL; 150H s/n ALL; 150J s/n ALL; 150K s/n ALL; 150L s/n 15072004 thru 15072628; A150K s/n ALL; A150L s/n A1500227 thru A1500276; F150F s/n ALL; F150G s/n ALL; F150H s/n ALL; F150J s/n ALL; F150K s/n ALL; F150L s/n F15000659 thru F15000738; FA150K s/n ALL; FA150L s/n FA1500082 thru

<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 Eligibility</u>	<u>MODEL Eligibility:</u>
					FA1500166; 170A s/n ALL; 170B s/n ALL; 172 s/n ALL; 172A s/n ALL; 172B s/n ALL; 172C s/n ALL; 172D s/n ALL; 172E s/n ALL; 172F s/n ALL; 172G s/n ALL; 172H s/n ALL; 172I s/n ALL; 172K s/n ALL; 172L s/n 17259224 thru 17259903; F172D s/n ALL; F172E s/n ALL; F172F s/n ALL; F172G s/n ALL; F172H s/n ALL; F172K s/n ALL; P172D s/n ALL; FP172D s/n ALL; R172E s/n R172-0320 thru R172-0335; R172F s/n ALL; R172G s/n ALL; R172H s/n R1720445 thru R1720494; FR172E s/n ALL; FR172F s/n ALL; FR172G s/n ALL; FR172H s/n FR17200226 thru FR17200300; 175 s/n ALL; 175A s/n ALL; 175B s/n ALL; 175C s/n ALL
GASKET	MC0523532	0523532	Test and Computation per 14 CFR § 21.303. Drawing: 1341, Rev: B, Date: 02/24/2014 or later FAA approved revisions.	CESSNA	140A s/n ALL; 150 s/n ALL; 150A s/n ALL; 150B s/n ALL; 150C s/n ALL; 150D s/n ALL; 150E s/n ALL; 150F s/n ALL; 150G s/n ALL; 150H s/n ALL; 150J s/n ALL; 150K s/n ALL; 150L s/n 15072004 thru 15072628; A150K s/n ALL; A150L s/n A1500227 thru A1500276; F150F s/n ALL; F150G s/n ALL; F150H s/n ALL; F150J s/n ALL; F150K s/n ALL; F150L s/n F15000659 thru F15000738; FA150K s/n ALL; FA150L s/n FA1500082 thru FA1500166; 170A s/n ALL; 170B s/n ALL; 172 s/n ALL; 172A s/n ALL; 172B s/n ALL; 172C s/n ALL; 172D s/n ALL; 172E s/n ALL; 172F s/n ALL; 172G s/n ALL; 172H s/n ALL; 172I s/n ALL; 172K s/n ALL; 172L s/n 17259224 thru 17259903; F172D s/n ALL; F172E s/n ALL; F172F s/n ALL; F172G s/n ALL; F172H s/n ALL; F172K s/n ALL; P172D s/n ALL; FP172D s/n ALL; R172E s/n R172-0320 thru R172-0335; R172F s/n ALL; R172G s/n ALL; R172H s/n R1720445 thru R1720494; FR172E s/n ALL; FR172F s/n ALL; FR172G s/n ALL; FR172H s/n FR17200226 thru FR17200300; 175 s/n ALL; 175A s/n ALL; 175B s/n ALL; 175C s/n ALL

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

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.


for Manager, Aircraft
Certification Office


for Manager, Manufacturing
Inspection District Office