



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

June 12, 2014

Project No. PQ3732CE

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

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 letter dated May 1, 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 **Supplement No.73**.

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-**Supplement No.73**.

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

Sincerely,

for 
Edward J. Mehrhoff
Aviation Safety Inspector
Kansas City, MIDO

Enclosure



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 73
Date: June 12, 2014

<u>Article Name</u>	<u>Part Number</u>	<u>Approved Replacement For Part No.</u>	<u>Approval Basis and Approved Design Data</u>	<u>MAKE Eligibility:</u>	<u>MODEL Eligibility:</u>
Control	MCS1517-15	S1517-15	Test and Computation per 14 CFR § 21.303. Drawing:6252, Rev: F, Date: 04/08/2013 or later FAA approved revisions.	Cessna	T188C s/n T18803297T thru T18803926T;
Control	MCS1517-12	S1517-12, S1517-9	Test and Computation per 14 CFR § 21.303. Drawing:6252, Rev: F, Date: 04/08/2013 or later FAA approved revisions.	Cessna	188 s/n 188-0446 thru 188-0572; 188A s/n 188-0446 thru 18800832; A188 s/n 188-0446 thru 188-0572; A188A s/n ALL; A188B s/n ALL; A188B s/n 18802349 thru 18803926; A188B s/n ALL; A188B 18802349T thru 18803926;
Control	MCS1517-4	S1517-4	Test and Computation per 14 CFR § 21.303. Drawing:6252, Rev: F, Date: 04/08/2013 or later FAA approved revisions.	Cessna	180H s/n 18051876 thru 18052284; 180J s/n ALL; 180J s/n ALL; 180K s/n ALL; A185E s/n 185-1301 thru 185-1599; A185E s/n ALL; A185F s/n 185-1301 thru 18502310; A185F s/n ALL;
Control	MCS1517-7	S1517-1, S1517-10, S1517-11, S1517-14, S1517-16, S1517-2, S1517-3, S1517-5, S1517-6, S1517-7, S1517-8	Test and Computation per 14 CFR § 21.303. Drawing:6252, Rev: F, Date: 04/08/2013 or later FAA approved revisions.	Cessna	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 ALL; 150M s/n ALL; A- 150L s/n ALL; A-A150L s/n ALL; A150K s/n ALL; A150L s/n ALL; A150M s/n ALL; F150F s/n ALL; F150G s/n ALL; F150H s/n ALL; F150J s/n ALL; F150K s/n ALL; F150L s/n ALL; F150M s/n ALL; FA150K s/n ALL; FA150L s/n ALL; FA150L (with FKA150-2311 and FKA150-2316) s/n ALL; FA150M (with FKA150-2311 and FKA150-2316) s/n ALL; FRA150L s/n ALL; FRA150M s/n ALL; 152 s/n ALL; A152 s/n ALL; F152 s/n ALL; FA152 s/n ALL; 172D s/n ALL; 172E s/n ALL; 172F (T-41A) s/n ALL; 172G s/n ALL; 172H (T- 41A) s/n ALL; 172I s/n ALL; 172K s/n ALL; 172L s/n ALL; 172M s/n ALL; 172M s/n ALL; 172N s/n ALL; 172P s/n ALL; 172Q s/n ALL; 172RG s/n ALL; F172D s/n ALL; F172E s/n ALL; F172F s/n ALL; F172G s/n ALL; F172H s/n ALL; F172H s/n ALL; F172K s/n ALL; F172L s/n ALL; F172M s/n ALL; F172M s/n ALL; F172N s/n ALL; F172P s/n ALL; FR172F s/n ALL; FR172G s/n ALL; FR172H s/n ALL; FR172J s/n ALL; FR172K s/n ALL; R172F

<u>Article Name</u>	<u>Part Number</u>	<u>Approved Replacement For Part No.</u>	<u>Approval Basis and Approved Design Data</u>	<u>MAKE Eligibility:</u>	<u>MODEL Eligibility:</u>
					(T-41D) s/n ALL; R172G (T-41C,D) s/n ALL; R172H (T-41D) s/n ALL; R172K s/n ALL; 177 s/n ALL; 177A s/n ALL; 177B s/n ALL; 180H s/n 18051876 thru 18052284; 180J s/n ALL; 180K s/n ALL; 182L s/n ALL; 182M s/n ALL; 182N s/n ALL; 182P s/n ALL; 182P s/n ALL; 182Q s/n ALL; 182R s/n ALL; A182L s/n ALL; F182P s/n ALL; F182Q s/n ALL; FR182 s/n ALL; R182 s/n ALL; T182 s/n ALL; TR182 s/n ALL; A185E s/n 185-1301 thru 185-1599; A185E s/n ALL; A185F s/n 185-1301 thru 18502310; A185F s/n ALL; 188 s/n ALL; 188A s/n ALL; 188B s/n ALL; A188B s/n 18802349 thru 18802745; P206C s/n ALL; P206D s/n ALL; P206E s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TP206E s/n ALL; TU206C s/n ALL; TU206D s/n ALL; TU206E s/n ALL; TU206F s/n ALL; TU206F s/n ALL; TU206G s/n ALL; U206C s/n ALL; U206D s/n ALL; U206E s/n ALL; U206F s/n ALL; U206F s/n ALL; U206G s/n ALL; 207 s/n ALL; 207A s/n ALL; T207 s/n ALL; T207A s/n ALL; 210H s/n ALL; 210J s/n ALL; 210K s/n ALL; 210L s/n ALL; 210M s/n ALL; 210N s/n ALL; 210N s/n ALL; 210R s/n ALL; P210N s/n ALL; P210R s/n ALL; T210H s/n ALL; T210J s/n ALL; T210K s/n ALL; T210L s/n ALL; T210M s/n ALL; T210N s/n ALL; T210N s/n ALL; T210R s/n ALL;

-----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.

June 12, 2014

for Tilak Nandipati,
Manager, Kansas City,
Manufacturing Inspection District Office

Date: