



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

October 30, 2013

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 29, 2013, 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.68.**

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.68.**

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

Sincerely,

Edward J. Mehrhoff
Aviation Safety Inspector
Kansas City, MIDO

Enclosure



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FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No: PQ3732CE
Supplement No 68
Date: October 30, 2013

<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 Assembly	MC0713050-2	0713050-2	Test and Computation per 14 CFR § 21.303. Drawing:6677, Rev: C , Date: 01/21/2013 or later FAA approved revisions.	Cessna	180 s/n 32161 thru 32661; 180A s/n all; 180B s/n all; 180C s/n all; 182B s/n all; 182C s/n all;
Control Assembly	MCS1224-4	S1224-4, 0513183-1, 0513183-2	Test and Computation per 14 CFR § 21.303. Drawing:6677, Rev: C , Date: 01/21/2013 or later FAA approved revisions.	Cessna	172B s/n all; 172C s/n all; 172E s/n all; 172F (T-41A) s/n all; F172E s/n all; F172F s/n all; P172D s/n all; ; 175B s/n all; 175C s/n all;
Control Assembly	MCS1241-1	S1241-1, S1241-10, S1241-11, S1241-14, S1241-2, S1241-3, S1241-4, S1241-5, S1241-6, S1241-7, S1241-8, S1241-9	Test and Computation per 14 CFR § 21.303. Drawing:6677, Rev: C , Date: 01/21/2013 or later FAA approved revisions.	Cessna	180F s/n all; 180G s/n all; 180H s/n 18051446 thru 18051875; 182E s/n all; 182F s/n all; 182G s/n all; 182H s/n all; 182J s/n all; 182K s/n all; 185 s/n all; 185A s/n all; 185A s/n 185-0414 thru 185-0512; 185B s/n all; 185C s/n all; 185D s/n all; 185E s/n all; A185E (1966-1969) s/n 185- 0968 thru 185-1300; 210- 5 (205) s/n all; 210-5 (205) s/n 205- 0127 thru 205-0480; 206 s/n all; P206 s/n all; P206A s/n all; P206B s/n all; TP206A s/n all; TP206B s/n all; TU206A s/n all; TU206B s/n all; U206 s/n all; U206A s/n all; U206B s/n all; 210B s/n all; 210B s/n 21057841 thru 21057940; 210B s/n 21057941 thru 21058085; 210C s/n all; 210D s/n all; 210E s/n all; 210F s/n all; 210G s/n all; T210F s/n all; T210G s/n all;

<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 Assembly	MCS1241-27	S1241-15, S1241-16, S1241-17, S1241-20, S1241-21, S1241-22, S1241-27, S1241-28	Test and Computation per 14 CFR § 21.303. Drawing:6677, Rev: C, Date: 01/21/2013 or later FAA approved revisions.	Cessna	182L s/n all; 182M s/n all; 182N s/n 18260056 thru 18260445; A185E (1966-1969) s/n 185-1301 thru 185-1599; P206C s/n all; P206D s/n all; TP206C s/n all; TP206D s/n all; TP206E s/n all; TU206C s/n all; TU206D s/n all; TU206D s/n U206-1235 thru U206-1444; TU206E s/n all; TU206F (1972-1973) s/n all; U206C s/n all; U206D s/n all; 207 s/n 20700001 thru 20700148; T207 s/n 20700001 thru 20700148; 210H s/n all; 210J s/n all; T210H s/n all; T210J s/n all;
Control Assembly	MCS1241-34	S1241-32, S1241-33, S1241-34, S1241-37, S1241-38, S1241-40, S1241-51, S1241-56	Test and Computation per 14 CFR § 21.303. Drawing:6677, Rev: C, Date: 01/21/2013 or later FAA approved revisions.	Cessna	182N s/n 18260446 thru 18260825; 182P (1972-1973) s/n all; 182P (1974-1976) s/n all; 182Q s/n all; 182R s/n all; 182S s/n all; 182T s/n all; F182P s/n all; F182Q s/n all; FR182 s/n all; R182 s/n all; T182 s/n all; T182T s/n all; TR182 s/n all; A185E (1970-1972) s/n 18501600 thru 18501679; 188B s/n 18800986 thru 18801824 188B s/n 18801825 thru 18802348 A188B (1972-1975) s/n 18800986 thru 18801824; A188B (1972-1975) s/n 18801825 thru 18802348; A188B (1976-1983) s/n all; A188B (1976-1983) s/n 18802349 thru 18802745; A188B (w/ large hopper) (1972-1975) s/n 18800986 thru 18801824; A188B (w/ large hopper) (1972-1975) s/n 18801825 thru 18802348T; A188B (w/ large hopper) (1976-1983) s/n all; A188B (w/ large hopper) (1976-1983) s/n 18802349T thru 18802745; T188C s/n all; 206H s/n all; 206H s/n 20608083 thru 20699999 P206E s/n U20601445 thru U20601587; T206H s/n all; T206H s/n 20608147 thru T20699999; TU206F (1974-1976) s/n all; TU206G s/n all; U206E s/n all; U206F (1972-1973) s/n all; U206F (1974-1976) s/n all; U206G s/n all; 207 s/n 20700149 thru 20700362; 207A s/n all;

<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>
					T207 s/n 20700149 thru 20700362; T207A s/n all; 210K s/n all; 210L s/n all; 210M s/n all; 210N (1979-1980) s/n all; 210N (1981-1984) s/n all; 210R s/n all; P210N s/n all; P210R s/n all; T210K s/n all; T210L s/n all; T210M s/n all; T210N (1979-1980) s/n all; T210N (1981-1984) s/n all; T210R s/n all;
Control Assembly	MCS1241-49	S1241-49	Test and Computation per 14 CFR § 21.303. Drawing:6677, Rev: C, Date: 01/21/2013 or later FAA approved revisions.	Cessna	172Q s/n all;
Control Assembly	MCS1788-2	S1788-2	Test and Computation per 14 CFR § 21.303. Drawing:6677, Rev: C, Date: 01/21/2013 or later FAA approved revisions.	Cessna	177 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.

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

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

October 30, 2013

Date: _____