



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

November 29, 2012

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 September 5, 2012, 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.64.**

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.64.**

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



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. 64
Date: November 29, 2012

<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 NUMBER Eligibility:</u>
Flap Roller Bushings	MC0523919	0523919	Test and Computation per 14 CFR § 21.303. Drawing: 1048, Rev O, Date: 09/05/2012 or later FAA approved revisions.	Cessna	170B s/n all; 208 s/n all; 208B s/n all; 336 s/n all; 337 s/n all; 337A (USAF O2B) s/n all, excludes 337-0306 & 337-0470; 337B s/n 337-0526 thru 337-0755, except 337-0569; 337C s/n all; 337D s/n all; 337E s/n all; 337F s/n all; 337G s/n all; 337H s/n 33701816 thru 33701922, except 33701920; F337E s/n all; F337F s/n all; F337G s/n all; F337H s/n all; FT337E s/n all; FT337F s/n F3370025 - F3370045; FT337GP (FP337) s/n all; FT337HP (FP337H) s/n all; P337H s/n P3370293 thru P3370342; T337B s/n 337- 0569 thru 337-0755; T337C s/n all; T337D s/n all; T337E s/n all; T337F s/n all; T337G s/n all; T337H s/n 33701816 thru 33701922
Flap Roller Assembly	MC0523920	0523920	Test and Computation per 14 CFR § 21.303. Drawing: 1048, Rev O, Date: 09/05/2012 or later FAA approved revisions.	Cessna	170B s/n all; 336 s/n all; 337 s/n all; 337A (USAF O2B) s/n all, excludes 337-0306 & 337-0470; 337B s/n 337-0526 thru 337-0755, except 337-0569; 337C s/n all; 337D s/n all; 337E s/n all; 337F s/n all; 337G s/n all; 337H s/n 33701816 thru 33701922, except 33701920; F337E s/n all; F337F s/n all; F337G s/n all; F337H s/n all; FT337E s/n all; FT337F s/n F3370025 - F3370045; FT337GP (FP337) s/n all; FT337HP (FP337H) s/n all; P337H s/n P3370293 thru P3370342; T337B s/n 337- 0569 thru 337-0755; T337C s/n all; T337D s/n all; T337E s/n all; T337F s/n all; T337G s/n all; T337H s/n 33701816 thru 33701922
Flap Roller Assembly	MC0523921	0523921	Test and Computation per 14 CFR § 21.303. Drawing: 1048, Rev O, Date: 09/05/2012 or later FAA approved revisions.	Cessna	170B s/n all; 208 s/n all; 208B s/n all; 336 s/n all; 337 s/n all; 337A (USAF O2B) s/n all, excludes 337-0306 & 337-0470; 337B s/n 337-0526 thru 337-0755, except 337-0569; 337C s/n all; 337D s/n all; 337E s/n all; 337F s/n all; 337G s/n all; 337H s/n 33701816 thru 33701922, except 33701920; F337E s/n all; F337F s/n all; F337G s/n all; F337H 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 NUMBER Eligibility:</u>
Flap Spacer	MC1220114-1	1220114-1	Test and Computation per 14 CFR § 21.303. Drawing: 1048, Rev O, Date: 09/05/2012 or later FAA approved revisions.	Cessna	FT337E s/n all; FT337F s/n F3370025 - F3370045; FT337GP (FP337) s/n all; FT337HP (FP337H) s/n all; P337H s/n P3370293 thru P3370342; T337B s/n 337-0569 thru 337-0755; T337C s/n all; T337D s/n all; T337E s/n all; T337F s/n all; T337G s/n all; T337H s/n 33701816 thru 33701922
Shim (Flap Roller S.S.)	MCS1450-5N12-050	S1450-5N12-050	Test and Computation per 14 CFR § 21.303. Drawing: 1048, Rev O, Date: 09/05/2012 or later FAA approved revisions.	Cessna	152 s/n 15285565 thru 15286033; A152 s/n A1521015 thru A1521049; F152 s/n F15201909 thru F15201980; FA152 s/n FA1520388 thru FA1520425; 172P s/n ALL; 172Q s/n ALL; 172RG s/n 172RG0417 thru 172RG1191; F172P s/n ALL; 180J s/n 18052285 thru 18052384; 180J s/n 18052385 thru 18052770; 180K s/n ALL; A185F s/n 18502311 thru 18504448; 337 s/n ALL; 337A (USAF O2B) s/n 337A (USAF O2B) s/n all, excludes 337-0306 & 337-0470; 337B s/n 337-0526 thru 337-0755, except 337-0569; 337C s/n ALL; 337D s/n ALL; 337E s/n ALL; 337F s/n ALL; 337G s/n ALL; 337H s/n 33701816 thru 33701922, except 33701920; F337E s/n ALL; F337F s/n ALL; F337G s/n ALL; F337H s/n ALL; FT337E s/n ALL; FT337F s/n F3370025 - F3370045; FT337GP (FP337) s/n ALL; FT337HP (FP337H) s/n ALL; P337H s/n P3370293 thru P3370342; T337B s/n 337-0569 thru 337-0755; T337C s/n ALL; T337D s/n ALL; T337E s/n ALL; T337F s/n ALL; T337G s/n ALL; T337H s/n 33701816 thru 33701922
					170B s/n all; 336 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 NUMBER Eligibility:</u>
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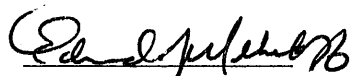
Washer S.S. Flap Wear	MCS1450-3S10-032	S1450-3S10-032	Test and Computation per 14 CFR § 21.303. Drawing: 1048, Rev O, Date: 09/05/2012 or later FAA approved revisions.	Cessna	170B s/n all; 208 s/n all; 208B s/n all;
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-----End of Listing-----

Note: 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. If TC holder's ICA applies to these replacement parts, provide a statement noting such. If not provide supplementary ICA per 14CFR § 21.50.

November 29, 2012

Date:



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