



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

October 12, 2011

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 January 25, 2011, 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.53.**

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.53.**

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
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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. 53
Date: October 12, 2011

<u>Article Name</u>	<u>Part Number</u>	<u>Approved Replacement for Part Number</u>	<u>Approval Basis and Approved Design Data</u>	<u>Make Eligibility:</u>	<u>Model Eligibility:</u>
GASKET, UPPER SEAL	MC751-882	751-882	Test and Computation per 14 CFR § 21.303. Drawing: 1608, Rev: K, Date: 12/21/2010 or later FAA approved revisions.	Piper	PA-23-235 s/n all; PA- 23-250 (Navy UO-1) s/n all; PA-E23-250 s/n all; PA-44-180* s/n 44- 7995001 thru 44- 8195026; PA-44-180* s/n 4495001 thru 4495013; PA-44-180* s/n 4496001 thru 4496999; PA-44-180T s/n all;
GASKET, LOWER, SEAL	MC751-898	751-898	Test and Computation per 14 CFR § 21.303. Drawing: 1608, Rev: K, Date: 12/21/2010 or later FAA approved revisions.	Piper	PA-31 s/n all; PA-31- 300 s/n all; PA-31-325 s/n all; PA-31-350 s/n all; PA-31-350 (T1020) s/n all; PA-31P s/n all; PA-31P-350 s/n all; PA-34-200T s/n all; PA-34-220T* s/n 34- 8133001 thru 34- 8633031; PA-34-220T* s/n 3433001 thru 3433172; PA-34-220T* s/n 3448001 thru 3448079; PA-34-220T* s/n 3447001 thru 3447029; PA-34-220T* s/n 3449001 thru 3449999; PA-36-285 s/n all; PA-36-300 s/n all; PA-36-375 s/n all; PA-46-310P* s/n 46- 8408001 thru 46- 8608067 PA-46-310P* s/n 4608001 thru 4608140 PA-46-350P (w/ G1000) s/n all PA- 46-350P (w/o G1000)* s/n 4622001 thru 4622200 PA-46-350P (w/o G1000)* s/n 4636001 thru 4636999 PA-46R-350T (w/ G1000) s/n all PA- 46R-350T (w/o G1000) s/n all

GASKET,
LOWER SEAL

MC753-205

753-205

Test and Computation per 14
CFR § 21.303. Drawing: 1608,
Rev: K, Date: 12/21/2010 or
later FAA approved revisions

Piper

PA-23-235 s/n all; PA-
23-250 (Navy UO-1) s/n
all; PA-E23-250 s/n all;
PA-44-180* s/n 44-
7995001 thru 44-
8195026; PA-44-180*
s/n 4495001 thru
4495013; PA-44-180*
s/n 4496001 thru
4496999; PA-44-180T
s/n all;

O-RING, UPPER
SEAL

MC757-255

757-255

Test and Computation per 14
CFR § 21.303. Drawing: 1608,
Rev: K, Date: 12/21/2010 or
later FAA approved revisions.

Piper

PA-31 s/n all; PA-31-
300 s/n all; PA-31-325
s/n all; PA-31-350 s/n
all; PA-31-350 (T1020)
s/n all; PA-31P s/n all;
PA-31P-350 s/n all;
PA-34-200T s/n all;
PA-34-220T* s/n 34-
8133001 thru 34-
8633031; PA-34-220T*
s/n 3433001 thru
3433172; PA-34-220T*
s/n 3448001 thru
3448079; PA-34-220T*
s/n 3447001 thru
3447029; PA-34-220T*
s/n 3449001 thru
3449999; PA-36-285
s/n all; PA-36-300 s/n
all; PA-36-375 s/n all;
PA-46-310P* s/n 46-
8408001 thru 46-
8608067 PA-46-310P*
s/n 4608001 thru
4608140 PA-46-350P
(w/ G1000) s/n all PA-
46-350P (w/o G1000)*
s/n 4622001 thru
4622200 PA-46-350P
(w/o G1000)* s/n
4636001 thru 4636999
PA-46R-350T (w/
G1000) s/n all PA-
46R-350T (w/o G1000)
s/n all

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.

//EJM//

for Michael M. Alberts
Manager, Kansas City
Manufacturing Inspection District Office

October 12, 2011

Date:

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