



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

December 16, 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 June 13, 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.56.**

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.56.**

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

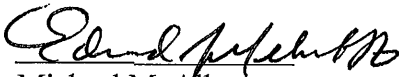
PMA No: PQ3732CE  
Supplement No. 56  
Date: December 16, 2011

<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/SERIAL NUMBER Eligibility:</u>
Piper Seat Adjustment Spring	MC587-404	587-404	Test and Computation per 14 CFR § 21.303. Drawing: 6604 Rev: A Date: 10/04/11 or later FAA approved revisions.	Piper	PA-28-140 s/n 28-7425061 thru 28- 7725290; PA-28-151 s/n ALL; PA-28- 161 s/n 28-7716001 thru 28-7716073; PA-28-161 s/n 2841001 thru 2841365; PA-28-161 s/n 2842001 thru 2842999; PA-28-180 s/n 28-7405035 thru 28- 7505260; PA-28-181 s/n 28-7690001 thru 28-7790358; PA-28-181 s/n 2843001 thru 2843999; PA-28-181 s/n 2890206 thru 2890231; PA-28-201T s/n ALL; PA-28-235 s/n 28-7410027 thru 28-7710089; PA-28-236 s/n 28-7911001 thru 28-8611008; PA-28-236 s/n 2811001 thru 2811050; PA-28R-200 s/n 28R-7435035 thru 28R-7635545; PA- 28R-201 s/n 28R-7737002 thru 28R- 7837317; PA-28R-201 s/n 2837001 thru 2837061; PA-28R-201T s/n 28R- 7703001 thru 28R-7803373; PA-28R- 201T s/n 2803001 thru 2803012; PA- 28RT-201T s/n 28R-7931001 thru 28R- 8631005; PA-32-260 s/n 32-7400001 thru 32-7800008; PA-32-301 s/n 32- 8006002 thru 32-8606023; PA-32-301 s/n 3206001 thru 3206060; PA-32-301T s/n ALL; PA-32R-300 s/n ALL; PA- 32R-301 s/n 32R-8013001 thru 32R- 8613006; PA-32R-301 s/n 3213001 thru 3213103; PA-32R-301 s/n 3246001 thru 3246999; PA-32R-301T s/n 32R- 8029001 thru 32R-8629008; PA-32R- 301T s/n 3229001 thru 3229003; PA- 32R-301T s/n 3257001 thru 3257999; PA-32RT-300 s/n ALL; PA-32RT-300T s/n ALL; PA-34-200 s/n 34-7450033 thru 34-7450220; 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 3447001 thru 3447029; PA-34-220T s/n 3448001 thru 3448079; PA-34-220T s/n 3449001 thru 3449999; 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; 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-46-500TP (w/ G1000) s/n ALL; PA-46-500TP (w/o G1000) s/n ALL; 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.



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

December 16, 2011

Date: