



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

Small Airplane Directorate
Wichita Manufacturing Inspection
District Office
2204 S. Tyler Rd.
Wichita, Kansas 67209

September 7, 2016

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

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER
APPROVAL

Dear Mr. Yarnell:

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), part 21, Certification Procedures for Products, Articles, and Parts, subpart K, the FAA has found that the design data, on the basis of Test and Computation, as approved by the Chicago, FAA Aircraft Certification Office letter dated August 24, 2016, 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, Kansas 66006. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 90.

You are reminded that the provisions of 14 CFR, parts 21 and 45, noted in our PMA letter of approval dated May 20, 1994 also apply to the enclosed PMA Listing-Supplement No. 90. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

Janice Hawley
Acting Manager, Wichita Manufacturing
Inspection District Office

Enclosure: Supplement No. 90

cc: AIR-112



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.: 90
Date: August 24, 2016

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Adapter, Seat Spring, Piper	MC37902-06	37902-06	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 6604 <u>Rev:</u> F <u>Date:</u> 12/05/2014 or later FAA-approved revisions	Piper Aircraft, Inc.	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 2816001 thru 2816119; 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 2890206 thru 2890231; PA-28-181 s/n 2843001 thru 2843999; 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-201 s/n all; PA-28RT-201T s/n 28R-7931001 thru 28R-8631005; PA-28RT-201T s/n 2831001 thru 2831038; PA-32-260 s/n 32-7400001 thru 32-7800008; PA-32-300 s/n 32-7440001 thru 32-7940290; 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 3448001 thru 3448079; PA-34-220T s/n 3447001 thru 3447029; 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

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696 E 1700 Road
Baldwin City, KS 66006

PMA No.: PQ3732CE
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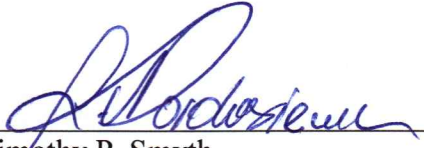
Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Seat Spring, Adjustment	MC555-692	555-692,76445-00	Test and Computations per 14 CFR § 21.303 DWG No: 6604 Rev: F Date: 12/05/2014 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-28-140 s/n 28-7425061 thru 28-7725290 ; PA-28-151 s/n all; PA-28-161 s/n 28-7716001 thru 28-8616057; PA-28-161 s/n 2816001 thru 2816119; PA-28-180 s/n 28-7405035 thru 28-7505260; PA-28-181 s/n 28-7690001 thru 28-8690062; PA-28-181 s/n 2890001 thru 2890231; PA-28-235 s/n 28-7410027 thru 28-7710089; 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-32-260 s/n 32-7400001 thru 32-7800008; PA-32-300 s/n 32-7440001 thru 32-7940290; PA-32R-300 s/n all; PA-34-200 s/n 34-7450033 thru 34-7450220; PA-34-200T s/n all


-----END OF DATA-----

GENERAL NOTES:

Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.

The FAA accepted the ICA approach for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplementary ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR § 21.50.


Timothy P. Smyth
Manager, Chicago Aircraft
Certification Office


Janice M. Hawley
Acting Manager, Wichita Manufacturing
Inspection District Office