



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

June 3, 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, Articles and Parts, subpart K, the FAA has found that the design data, based on STC, with your letter dated June 1, 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 inspection 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 modification articles listed in the enclosed **Supplement No. 52.**

You are reminded that the provisions of 14 CFR, Parts 21 and 45, also apply to the enclosed PMA Listing-**Supplement No. 52.**

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. 52
Date: June 3, 2011

<u>Part 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>
Stabilizer Jack-Screw Actuator	1111	Modification Part	STC: SA02112AK Drawing: # 1111-1 Rev: (-) Date: 06/1/2010 or later FAA approved revisions.	Cessna	180,180A,180B, 180C,180D,180E, 180F,180G,180H, 180J,180K.
Stabilizer Jack-Screw Actuator	1111	Modification Part	STC: SA02113AK Drawing: # 1111-1 Rev: (-) Date: 06/1/2010 or later FAA approved revisions.	Cessna	185,185A,185B, 185C,185D,185E, 185E,185F.
Stabilizer Jack-Screw Actuator	1111	Modification Part	STC: SA02161AK Drawing: # 1111-1 Rev: (-) Date: 06/1/2010 or later FAA approved revisions.	Cessna	182,182A,182B, 182C,182D.

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

Note: The procedures that have been accepted by the type certificate or TSO authorization holder and their cognizant FAA Aircraft Certification Office, for minor changes to original articles used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement articles. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA articles must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original PMA.

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

June 3, 2011
Date: