



U.S. Department
of Transportation

Federal Aviation
Administration

Small Airplane Directorate Kansas City
Manufacturing Inspection District Office

901 Locust Street, Room 376
Kansas City, MO 64106
Tel: (816) 329-4190 Fax: (816) 329-4195

February 13, 2004

David A. McFarlane
McFarlane Aviation, Inc.
696 East 1700 Road
Vinland Valley Aerodrome
Baldwin City, Kansas 66006-9806

Project No. PQ3732CE-D

Dear Mr. McFarlane:

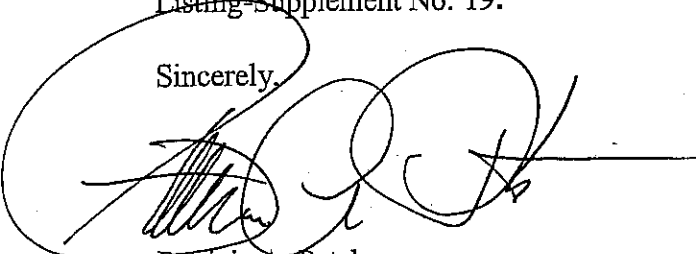
FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with the provisions of 14 CFR part 21 (part 21), Subpart K, the Federal Aviation Administration (FAA) has found that the original design data, approved based on Test and Computations and Wichita Aircraft Certification Office approval letter, dated March 13, 1992.

As informational purposes, it has been determined that McFarlane Aviation has established the fabrication inspection system required by part 21 § 21.303(h) 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. 19, dated February 13, 2004.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated September 3, 1993, also apply to the enclosed PMA Listing-Supplement No. 19.

Sincerely,



Patricia A. Patch
Aviation Safety Inspector
Kansas City Manufacturing Inspection District Office

Enclosure

Production Approval Listing – Supplement No. 19
Parts Manufacturer Approval NO. PQ3732CE-D
February 13, 2004

Federal Aviation Administration – Parts Manufacturer Approval

McFarlane Aviation Inc.
696 East 1700 Road
Vindland Valley Aerodrome
Baldwin, KS 66006-9806

PMA No. PQ3732CE-D
Supplement No. 19
Date: February 13, 2004

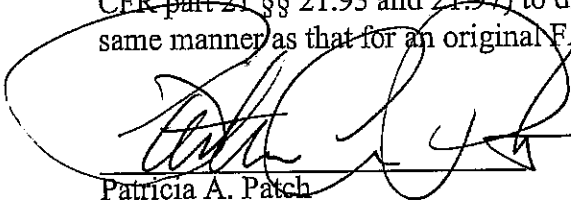
<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement For Part NO.</u>	<u>Approval Basis and Approved Design Data</u>	<u>MAKE Eligibility</u>	<u>MODEL Eligibility:</u>
Fairlead	MC42911	42911	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	J-3, PA-11, PA-12, PA-14, PA-18, PA-20, PA-22
Stabilator Adjust Cable	MC41671-2	41671-2	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	J-3, PA-11
Stabilator Adjust Cable	MC41671-5	41671-5	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	PA-12
Stabilator Adjust Cable	MC41671-6	41671-6	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	PA-12
Stabilator Adjust Cable	MC41671-8	41671-8	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	J-3, PA-11
Stabilator Adjust Cable	MC41671-9	41671-9	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	PA-14

<u>Part 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 Eligibility:</u>
Stabilator Adjust Cable	MC41671-11	41671-11	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	PA-16, PA-20
Stabilator Adjust Cable	MC41671-12	41671-12	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	PA-14
Stabilator Adjust Cable	MC41671-13	41671-13	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	PA-18, PA18A
Stabilator Adjust Cable	MC41671-14	41671-14	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	PA-16
Stabilator Adjust Cable	MC41671-15	41671-15	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	PA-18, PA-18A

<u>Part 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 Eligibility:</u>
Stabilator Adjust Cable	MC41671-16	41671-16	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	PA-20, PA-22
Stabilator Adjust Cable	MC41671-17	41671-17	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	PA-18, PA-18A
Stabilator Adjust Cable	MC41671-18	41671-18	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	PA-22
Stabilator Adjust Cable	MC41671-19	41671-19	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 1036, Rev. none, dated 7/9/91 or later FAA approved revision.	Piper	PA-18, PA-18A

-----END OF LISTING-----

Note: Minor design changes (reference 14 CFR part 21 §§ 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR part 21 §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.


Patricia A. Patch
Aviation Safety Inspector
Kansas City Manufacturing District Office

February 13, 2004
Date