



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 64106-2641
Tel: 816-329-4190 Fax: 816-329-4195

May 31, 2006

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

PQ3732CE

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with the provisions of 14 CFR part 21, Subpart K, we have found that the design data, based on Test and Computation, submitted by McFarlane Aviation, Inc., with letter dated May 16, 2006, meet the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, it has been determined that McFarlane Aviation, Inc. has established the fabrication inspection system required by part 21 § 21.303(h) at 696 East 1700 Road, Baldwin City, Kansas. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement No. 25.

You are reminded that the provisions of the Federal Aviation Regulations, noted in our PMA letter of approval dated October 10, 1996, also apply to the enclosed PMA Listing-Supplement No. 25.

Sincerely,



David N. Surguy
Aviation Safety Inspector
Kansas City Manufacturing Inspection District Office

Enclosure

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

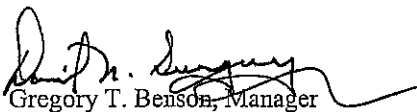
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PMA No. PQ3732CE
Supplement No. 25
May 31, 2006

<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>
Seat Rail	MC0514209-1	0514209-1	Test and Computation per 14 CFR § 21.303 and FAA letter dated 4/18/2006. Drawing List 1SR054 Rev. F Dated 12/20/2005 or later FAA approved revisions.	Cessna	172P s/n 17276517 thru 17276654 F172P s/n F17202239 thru F17202254
Seat Rail	MC0514209-2	0514209-2	Test and Computation per 14 CFR § 21.303 and FAA letter dated 4/18/2006. Drawing List 1SR054 Rev. F Dated 12/20/2005 or later FAA approved revisions.	Cessna	172P s/n 17276517 thru 17276654 F172P s/n F17202239 thru F17202254
Seat Rail	MC0514209-3	0514209-3	Test and Computation per 14 CFR § 21.303 and FAA letter dated 4/18/2006. Drawing List 1SR054 Rev. F Dated 12/20/2005 or later FAA approved revisions.	Cessna	172P s/n 17276517 thru 17276654 F172P s/n F17202239 thru F17202254
Seat Rail	MC0514209-4	0514209-4	Test and Computation per 14 CFR § 21.303 and FAA letter dated 4/18/2006. Drawing List 1SR054 Rev. F Dated 12/20/2005 or later FAA approved revisions.	Cessna	172P s/n 17276517 thru 17276654 F172P s/n F17202239 thru F17202254

----- 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 14 CFR § 21.50.


Gregory T. Benson, Manager
Kansas City Manufacturing Inspection
District Office