



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

May 21, 2004
Revised December 8, 2004

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

PQ3732CE-D

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 design data, based on Test and Computation submitted by McFarlane Aviation, Inc. with letters dated May 17, 2004, and November 24, 2004, 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, Kansas. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed 2nd revision of Supplement No. R21, dated December 8, 2004. This revision is to correct serial number ranges and model designations for part numbers MC0441225-1 and MC0441225-2.

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 Supplement No. R21, dated December 8, 2004. Please return the original Supplement R21, dated September 3, 2004 to this office.

Should you have questions regarding this matter, you may wish to direct them to the Kansas City Manufacturing Inspection District Office, at (816) 329-4190.

Sincerely,

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

Enclosure

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

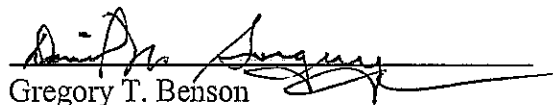
McFarlane Aviation, Inc.
696 East 1700 Road
Vinland Valley Aerodome
Baldwin, KS 66006-9806

PMA No. PQ3732CE-D
Supplement No. R21
Dated: May 21, 2004
Revised December 8, 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>
Mounting Plate, Main Wheel Fairing	MC0441225-1	Cessna P/N 0441225-1	Test and Computations per 14 CFR § 21.303. McFarlane Drawing List 1625 Rev: A Dated: 06/15/04 or later FAA approved revision.	Cessna	150L, M s/n 15074851 thru 15079405; F150L, M s/n F15001014 thru F15001428; A150L, M s/n A1500430 thru A1500734; FRA150L, M s/n FRA1500212 thru FRA1500336; 152 s/n 15279406 thru 15286033; A152 s/n A1520735 thru A1521049; F152 s/n F15201429 thru F15201980; FA152 s/n FA1520337 thru FA1520425.
Mounting Plate, Main Wheel Fairing	MC0441225-2	Cessna P/N 0441225-2	Test and Computations per 14 CFR § 21.303. McFarlane Drawing List 1625 Rev: A Dated: 06/15/04 or later FAA approved revision.	Cessna	150L, M s/n 15074851 thru 15079405; F150L, M s/n F15001014 thru F15001428; A150L, M s/n A1500430 thru A1500734; FRA150L, M s/n FRA1500212 thru FRA1500336; 152 s/n 15279406 thru 15286033; A152 s/n A1520735 thru A1521049; F152 s/n F15201429 thru F15201980; FA152 s/n FA1520337 thru FA1520425.
Mounting Plate, Main Wheel Fairing	MC0541220-1	Cessna P/N 0541220-1	Test and Computations per 14 CFR § 21.303. McFarlane Drawing List 1625 Rev: A Dated: 06/15/04 or later FAA approved revision.	Cessna	172M, N, P, Q s/n 17261899 thru 17276673; 172R s/n 17280001 and on; 172S s/n 172S80001 and on; F172M, N, P s/n F17201035 thru F17202254; FR172J, K s/n FR17200441 thru FR17200675; R172K s/n R1722000 thru R1723454.
Mounting Plate, Main Wheel Fairing	MC0541220-2	Cessna P/N 0541220-2	Test and Computations per 14 CFR § 21.303. McFarlane Drawing List 1625 Rev: A Dated: 06/15/04 or later FAA approved revision.	Cessna	172M, N, P, Q s/n 17261899 thru 17276673; 172R s/n 17280001 and on; 172S s/n 172S80001 and on; F172M, N, P s/n F17201035 thru F17202254; FR172J, K s/n FR17200441 thru FR17200675; R172K s/n R1722000 thru R1723454.

-----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.


Gregory T. Benson

Dec 8, 2004
Date

for Manager
Kansas City Manufacturing Inspection District Office