



U.S. Department
of Transportation

Federal Aviation
Administration

Small Airplane Directorate Kansas
City Manufacturing Inspection District
Office

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Kansas City, MO 64106
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October 6, 2005

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 September 21, 2005, 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. 24.

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. 24.

Sincerely,

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

Enclosure

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

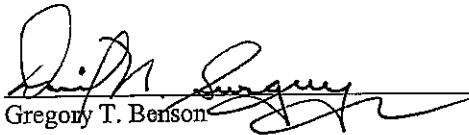
McFarlane Aviation, Inc.
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Baldwin City, KS 66006-9806

PMA No. PQ3732CE-D
Supplement No. 24
October 06, 2005

<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>
Deflector Assembly	MC0750143-1	Cessna Part No. 0750143-1 0750121-1 0750121	Test and Computation per 14 CFR § 21.303 and FAA letter dated 9/15/2005 Drawing No.1752 Rev: N/C Dated: 08/16/2005 or later FAA Approved Revisions	Cessna	175*, A, B, C: S/N 56083 thru 1755717119. P172: S/N P17257120 thru P17257188. 180, A, B, C, D, E, F, G, H, J, K: S/N 30000 thru 18053203. 182, A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R: S/N 33000 thru 18268615. F182P, Q: S/N F18200001 thru F18200169. A182J, K, L, M, N: S/N A182-0001thru A182-0148. T182: S/N 18267716 thru 18268615. 185, A, B, C, D, E, A185E, F: S/N 185-0001 thru 18504448. 188, A, B, A188, A, B: S/N 188-0001 thru 18803968T. T188C: S/N T18803297T thru T18803968T. 205, A: S/N 205-0001 thru 205-0577. 206: S/N 206-0001 thru 206-0275. U206, A, B, C, D, E, F, G: S/N U206-0276 thru U20607020. P206, A, B, C, D, E, TP206A, B, C, D, E: S/N P206-0001 thru P20600647. TU206A, B, C, D, E, F, G: S/N U206-0438 thru U20607020. 207, A, T207, A: S/N 20700001 thru 20700788. 210, A, B, C, D, E, F, G, H, J, K, L, M, N, R, T210K, L, M, N, R: S/N 57001 thru 21065009. P210N, R: S/N P21000001 thru P21000874. T210G, H, J: S/N T210-0198 thru T210-0454. * Indicates partial Model eligibility.

----- 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.

A handwritten signature in black ink, appearing to read "Gregory T. Benson", written over a horizontal line.

Gregory T. Benson

Manager

Kansas City Manufacturing Inspection District Office