



U.S. Department
of Transportation
**Federal Aviation
Administration**

Small Airplane Directorate
Kansas City, Manufacturing Inspection
District Office (MIDO)
901 Locust Street, Room 376
Kansas City, MO 64106-2641
Tel: 816-329-4190 Fax: 816-329-4195

October 26, 2007

Mr. David A. McFarlane
Quality Manager
McFarlane Aviation Inc.
696 E. 1700 Road
Baldwin City, KS 66006

Project No. PQ3732CE

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Per 14 CFR Part 21, Subpart K, we found design data submitted with your letter dated October 19, 2007 to meet the airworthiness requirements of the regulations for the products on which the parts are to be installed. We based our finding on Test and Computation. Also, we determined that your company set up the fabrication inspection system at 696 E. 1700 Road Baldwin City, KS 66006 as required by 14 CFR § 21.303(h). Therefore, we grant Parts Manufacturing Approval (PMA), which authorizes you to produce the replacement parts in the enclosed Supplement No 32.

We remind you that the provisions of 14 CFR, noted in our PMA letter of approval dated October 10, 1996, also apply to the enclosed PMA Listing-Supplement No. 32.

Please keep the enclosed supplement with the original PMA letter as evidence of approval to Produce the parts concerned.

Sincerely,

John Kolin,
Aviation Safety Inspector
Kansas City, Manufacturing Inspection District Office

Enclosure

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

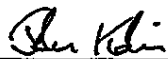
McFarlane Aviation Inc.
696 E. 1700 Road
Baldwin City, KS 66006

PMA No: PQ3732CE
Supplement No. 32
Date: October 26, 2007

<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>
Hinge Assembly	MC0523816-1	Cessna PN 0523816-1	Test and Computation Per 14 CFR § 21.303 <u>Drawing:</u> 1136 <u>Rev:</u> C <u>Date</u> 24 AUG 07 Or later approved r'vision.	Cessna	F150 S/Ns (F150-0068 - F150- 0529, F15000530 - F15001428) 172 S/Ns (17276674 and up) F172 S/Ns (F172-0001 - F172- 0654, F17200655 - F17202254) FR172 S/Ns (FR17200001 - FR17200675) 182 & T182 S/Ns (18268616 and up) F182 S/Ns (F18200001 - F18200169)

-----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 14CFR § 21.50.



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

10/26/2007

Date: