



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. 26.

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. 26.

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 Aerodrome
 Baldwin City, KS 66006-9806

PMA No. PQ3732CE
 Supplement No. 26
 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	MC1210408-1 MC1210408-4 MC1210408-5 MC1210408-6	Cessna Part No. 1210408-1 1210408-4 1210408-5 1210408-6	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	205 s/n 2050001 thru 2050480; 205A s/n 2050481 thru 2050577; P206A,B,C,D,E s/n P2060001 thru P20600647; TP206A,B,C,D,E s/n P2060002 thru P20600647; 210B,C,D,E,F,G,H,I s/n 21057841 thru 21059199; T210F,G,H,I s/n T2100001 thru T2100454
Seat Rail	MC1210408-1 MC1210408-5 MC1210408-6 MC1210408-8	Cessna Part No. 1210408-1 1210408-5 1210408-6 1210408-8	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	206 s/n 2060001 thru 2060275; U206A,B,C,D,E,TU206A,B,C,D,E s/n U2060276 thru U20601587;
Seat Rail	MC1210408-1 MC1210408-6 MC1210408-9	Cessna Part No. 1210408-1 1210408-6 1210408-9	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	207,T207 s/n 20700001 thru 20700215;
Seat Rail	MC1210408-12 MC1210408-14 MC1210408-21	Cessna Part No. 1210408-12 1210408-14 1210408-21	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	U206E,F,TU206E,F s/n U20601588 thru U20601874;
Seat Rail	MC1210408-12 MC1210408-15 MC1210408-16 MC1210408-18	Cessna Part No. 1210408-12 1210408-15 1210408-16 1210408-18	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	207,T207,207A,T207A s/n 20700216 thru 20700562;
Seat Rail	MC1210408-12 MC1210408-17 MC1210408-18 MC1210408-21	Cessna Part No. 1210408-12 1210408-17 1210408-18 1210408-21	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	U206F,G,TU206F,G s/n U20601875 thru U20605309
Seat Rail	MC1210408-12 MC1210408-15 MC1210408-22 MC1210408-24	Cessna Part No. 1210408-12 1210408-15 1210408-22 1210408-24	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	207A,T207A s/n 20700563 thru 20700788;
Seat Rail	MC1210408-12 MC1210408-21 MC1210408-23 MC1210408-24	Cessna Part No. 1210408-12 1210408-21 1210408-23 1210408-24	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	U206G,TU206G s/n U20605310 thru U20607020;

<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	MC1210025-3 MC1210025-2	Cessna Part No. 1210025-3 1210025-2	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	210,210A s/n 21057001 thru 21057840;
Seat Rail	MC0511240-6 MC0511240-2 MC0511240-3 MC0511240-4	Cessna Part No. 0511240-6 0511240-2 0511240-3 0511240-4	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	172D,E s/n 17249545 thru 17251822; F172D,E s/n F1720001 thru F1720085; FP172 s/n FP1720001 thru FP1720003; P172 s/n P17257120 thru P17257188;
Seat Rail	MC0511240-2 MC0511240-3 MC0511240-5 MC0511240-6	Cessna Part No. 0511240-2 0511240-3 0511240-5 0511240-6	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	172F,G,H,I,K s/n 17251823 thru 17258656; F172F,G,H s/n F17200086 thru F17200739; FR172E,F,G s/n FR17200001 thru FR17200190;
Seat Rail	MC0511240-7 MC0511240-8 MC0511240-9 MC0511240-10	Cessna Part No. 0511240-7 0511240-8 0511240-9 0511240-10	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	172K s/n 17258657 thru 17259223; F172H s/n F17200740 thru F17200754; FR172G s/n FR17200191 thru FR17200225;
Seat Rail	MC0511240-11 MC0511240-12 MC0511240-14 MC0511240-15	Cessna Part No. 0511240-11 0511240-12 0511240-14 0511240-15	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	172L s/n 17259224 thru 17260758; F172K,L s/n F17200755 thru F17200904; FR172H s/n FR17200226 thru FR17200350;
Seat Rail	MC0410235-1 MC0410235-2 MC0410235-6	Cessna Part No. 0410235-1 0410235-2 0410235-6	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	150L,150M s/n 15073659 thru 15079405; A150L s/n A1500343 thru A1500734; F150L,M s/n F1500864 thru F1501428; FRA150L,M s/n FRA1500167 thru FRA1500336;
Seat Rail	MC0410235-1 MC0410235-2 MC0410235-6	Cessna Part No. 0410235-1 0410235-2 0410235-6	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	152 s/n 15279406 thru 15286033; A152 s/n A1520735 thru A1521049; F152 s/n F15201429 thru F15201980; FA152 s/n FA1520337 thru FA1520425;
Seat Rail	MC0410230-2 MC0410230-3	Cessna Part No. 0410230-2 0410230-3	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	150L s/n 15072629 thru 15073658; A150L s/n A15000277 thru A15000342; F150L s/n F15000739 thru F15000863;
Seat Rail	MC0410219-1 MC0410219-2	Cessna Part No. 0410219-1 0410219-2	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	150F,G,H,I,J,K,L s/n 15063736 thru 15072628; A150K,L s/n A1500001 thru A1500276; F150G,H,I,J,K,L s/n F1500068 thru F1500738; FA150K,L s/n FA1500001 thru FA1500120; FRA150L s/n FRA1500121 thru FRA1500166

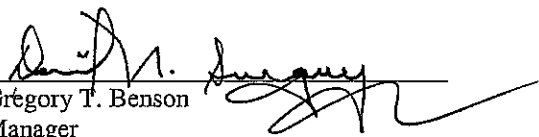
<u>Part Name</u>	<u>Part Number</u>	<u>Approved Replacement for Part Number</u>	<u>Approval Basis and Approved Design Data</u>	<u>Make Eligibility</u>	<u>Model Eligibility</u>
Seat Rail	MC0411545-1 MC0411545-2	Cessna Part No. 0411545-1 0411545-2	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	150A,B,C,D,E,F s/n 15059019 thru 15063059; F150F s/n F1500001 thru F1500029;
Seat Rail	MC0411545-3 MC0411545-4	Cessna Part No. 0411545-3 0411545-4	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	150F s/n 15063060 thru 15063735; F150F s/n F1500030 thru F1500067;
Seat Rail	MC0311715-3 MC0311715-4	Cessna Part No. 0311715-3 0311715-4	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	190 s/n 7001 thru 7999; 195 s/n 16000 thru 16183;
<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	MC1613423-3	Cessna Part No. 1613423-3	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	A188B s/n 18800944 thru 18803968T; T188C s/n T18803307T thru T18803968T;
Seat Rail	MC0511000-14 MC0511000-15	Cessna Part No. 0511000-14 0511000-15	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	170,170A,B s/n 18000 thru 27169;
Seat Rail	MC0511000-14 MC0511000-15 MC0511000-64	Cessna Part No. 0511000-14 0511000-15 0511000-64	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	180,180A,B,C,D,E,F s/n 30000 thru 18051312;
Seat Rail	MC0511000-68 MC0511000-69 MC0511000-70	Cessna Part No. 0511000-68 0511000-69 0511000-70	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	180G,H s/n 18051313 thru 18051490; 185,185A,B,C,D s/n 1850001 thru 1850806;
Seat Rail	MC0711693-1 MC0711693-2	Cessna Part No. 0711693-1 0711693-2	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	180H s/n 18051491 thru 18052103; 185D,E,A185E s/n 1850807 thru 18501599;
Seat Rail	MC0711693-1 MC0711693-4	Cessna Part No. 0711693-1 0711693-4	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	180H s/n 18052104 thru 18052215; A185E s/n 18501600 thru 18501954;

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Seat Rail	MC0711693-6 MC0711693-8	Cessna Part No. 0711693-6 0711693-8	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	180H,J s/n 18052216 thru 18052500; A185E,F s/n 18501955 thru 18502565;
Seat Rail	MC0711693-7 MC0711693-8	Cessna Part No. 0711693-7 0711693-8	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	180J s/n 18052501 thru 18052620; A185F s/n 18502566 thru 18502838;
Seat Rail	MC0711693-9 MC0711693-10 MC0711693-7 MC0711693-11	Cessna Part No. 0711693-9 0711693-10 0711693-7 0711693-11	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	180J,K s/n 18052621 thru 18053203; A185F s/n 18502839 thru 18504448;
Seat Rail	MC0511293-1 MC0511293-2 MC0511293-3 MC0511293-4	Cessna Part No. 0511293-1 0511293-2 0511293-3 0511293-4	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	172,172A,B,C s/n 28000 thru 17249544; 175 s/n 55001 thru 56777; 175A,B,C 17556778 thru 17557119; 182,182A,B,C,D s/n 33000 thru 18253598;
Seat Rail	MC0511243-4 MC0511243-5 MC0511243-6	Cessna Part No. 0511243-4 0511243-5 0511243-6	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	172M,N s/n 17260749 thru 17272884; R172K s/n R1722000 thru R1723199; F172M,N s/n F17200905 thru F17201909; FR172J,K s/n FR17200351 thru FR17200655;
Seat Rail	MC2414002-1 MC2414002-2	Cessna Part No. 2414002-1 2414002-2	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	172N,P,Q s/n 17272885 thru 17276516; R172K s/n R1723200 thru R1723454; F172N,P s/n F17201910 thru F17202238; FR172K s/n FR17200656 thru FR17200675; 172RG s/n 172RG0001 thru 172RG1191;
Seat Rail	MC0710618-1 MC0710618-4 MC0710618-5 MC0710618-6	Cessna Part No. 0710618-1 0710618-4 0710618-5 0710618-6	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	182E,F,G,H,J,K,L,M,N s/n 18253599 thru 18260445; A182J,K,L,M,N s/n A1820001 thru A1820148;
Seat Rail	MC0710658-2	Cessna Part No. 0710658-2	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	182N,P,Q,R,T182 s/n 18260446 thru 18268615; R182, TR182 s/n R18200001 thru R18202041; F182P,Q s/n F18200001 thru F18200169; F182RG s/n FR18200001 thru FR18200070
Seat Rail	MC1210520-11 MC1210520-2	Cessna Part No. 1210520-11 1210520-2	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	210K,L,M,T210K,L,M s/n 21059200 thru 21062954; P210N s/n P21000001 thru P21000150;

<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	MC1210520-9 MC1210520-12	Cessna Part No. 1210520-9 1210520-12	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	210K,L,T210K,L s/n 21059200 thru 21060539;
Seat Rail	MC1211514-1	Cessna Part No. 1211514-1	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	210L,M,T210L,M s/n 21060540 thru 21062954; P210N s/n P21000001 thru P21000150;
Seat Rail	MC1211514-2 MC1210520-16 MC1210520-15	Cessna Part No. 1211514-2 1210520-16 1210520-15	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	210N,R,T210N,R s/n 21062955 thru 21065009; P210N,R s/n P21000151 thru P21000874;
Seat Rail	MC1210520-3 MC1210520-4	Cessna Part No. 1210520-3 1210520-4	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	210K,L,M,T210K,L,M s/n 21059200 thru 21062954; P210N s/n P21000001 thru P21000150;
Seat Rail	MC0611134-3 MC0611134-2	Cessna Part No. 0611134-3 0611134-2	Test and Computations per 14 CFR § 21.303 Drawing No: 1SR054 Rev: F Dated: 12/20/05 or later FAA-approved revisions	Cessna	305A,B,C,D,E,F all serial numbers

-----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