



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

September 17, 2010

Project No. PQ3732CE

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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

In accordance with the provisions of Title 14, Code of Federal Regulations (14 CFR), Part 21, Certification Procedures for Products and Parts, subpart K, the FAA has found that the design data, based on Test and Computation submitted by McFarlane Aviation, Inc., with your letter dated February 4, 2010 meet the airworthiness requirements of the regulations applicable to the products on which the parts are to be installed. Additionally, the FAA has determined that McFarlane Aviation, Inc., has established the fabrication inspection system required by § 21.303(h) at 696 E. 1700 Road Baldwin City, KS 66006. Accordingly, Parts Manufacturer Approval (PMA) is hereby granted for production of the replacement parts listed in the enclosed Supplement **No.46**.

You are reminded that the provisions of 14 CFR, Parts 21 and 45, noted in our PMA Letter of Approval dated September 3, 1993, also applies to the enclosed PMA Listing-Supplement **No.46**. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the parts concerned.

Sincerely,

Edward J. Mehrhoff,
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.46

Date: September 17, 2010

Part Name	Part Number	Approved Replacement For Part Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Flap Track	MC0523231-14	0523231-14	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 6267, Rev. Original Dated 12/30/2009 or later FAA approved revisions.	Cessna	150 s/n ALL; 150A s/n ALL; 150B s/n ALL; 150C s/n ALL; 150D s/n ALL; 150E s/n ALL; 150F s/n ALL; 150G s/n ALL; 150H s/n ALL; 150J s/n ALL; 150K s/n ALL; 150L s/n ALL; 15072004 thru 15075781; 150M s/n ALL; A150K s/n ALL; A150L s/n ALL; A-150L s/n ALL; A150M s/n ALL; A-A150L s/n ALL; F150F s/n ALL; F150G s/n ALL; F150H s/n ALL; F150J s/n ALL; F150K s/n ALL; F150L s/n ALL; F150M s/n ALL; FA150K s/n ALL; FA150L s/n ALL; FA150M s/n ALL; 170B s/n ALL; 172 s/n ALL; 172A s/n ALL; 172B s/n ALL; 172C s/n ALL; 172D s/n ALL; 172E s/n ALL; 172F s/n ALL; 172G s/n ALL; 172H s/n ALL; 172I s/n ALL; 172K s/n ALL; 172L s/n ALL; 172M s/n ALL; 172N s/n ALL; F172D s/n ALL; F172E s/n ALL; F172F s/n ALL; F172G s/n ALL; F172H s/n ALL; F172K s/n ALL; F172L s/n ALL; F172M s/n ALL; F172N s/n ALL; FP172 s/n ALL; FR172E s/n ALL; FR172F s/n ALL; FR172G s/n ALL; FR172H s/n ALL; FR172J s/n ALL; FR172K s/n ALL; P172D s/n ALL; R172K s/n R1722930 thru R1723454; 175 s/n ALL; 175A s/n ALL; 175B s/n ALL; 175C s/n ALL;

Flap Track	MC0525001-2	0525001-2	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 6267, Rev. Original Dated 12/30/2009 or later FAA approved revisions.	Cessna	152 s/n ALL; A152 s/n ALL; F152 s/n ALL; FA152 s/n ALL; 172P s/n ALL; 172R s/n ALL; 172RG s/n ALL; 172S s/n ALL; F172P s/n ALL;
Flap Track	MC1220048-1	1220048-1	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 6267, Rev. Original Dated 12/30/2009 or later FAA approved revisions.	Cessna	206 s/n ALL; P206 s/n ALL; P206A s/n ALL; P206B s/n ALL; P206C s/n ALL; P206D s/n ALL; P206E s/n ALL; TU206F s/n ALL; TU206G s/n ALL; U206 s/n ALL; U206A s/n ALL; U206B s/n ALL; U206C s/n ALL; U206D s/n ALL; U206E s/n ALL; U206F s/n ALL; U206G s/n ALL; 207 s/n ALL; 207A s/n ALL; T207 s/n ALL; T207A s/n ALL; 210D s/n ALL; 210E s/n ALL; 210F s/n ALL; T210F s/n ALL;

Flap Track	MC1221010-8	1221010-8	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 6267, Rev. Original Dated 12/30/2009 or later FAA approved revisions.	Cessna	180 s/n ALL; 180A s/n ALL; 180B s/n ALL; 180C s/n ALL; 180D s/n ALL; 180E s/n ALL; 180F s/n ALL; 180G s/n ALL; 180H s/n ALL; 180J s/n ALL; 180K s/n ALL; 182 s/n ALL; 182A s/n ALL; 182B s/n ALL; 182C s/n ALL; 182D s/n ALL; 182E s/n ALL; 182F s/n ALL; 182G s/n ALL; 182H s/n ALL; 182J s/n ALL; 182K s/n ALL; 182L s/n ALL; 182M s/n ALL; 182N s/n ALL; 182P s/n ALL; 182Q s/n 18265176 thru 18266590; 182S s/n 18280712 thru 18280944; 182T s/n ALL; F182P s/n ALL; F182Q s/n F18200026 thru F18200094; FR182 s/n ALL; R182 s/n ALL; 185 s/n ALL; 185A s/n ALL; 185B s/n ALL; 185C s/n ALL; 185D s/n ALL; 185E s/n ALL; A185E s/n ALL; A185F s/n ALL; 188A s/n ALL; 188B s/n ALL; A188B s/n ALL; 210-5 s/n ALL; 210-5A s/n ALL; 206 s/n ALL; 206H s/n ALL; P206 s/n ALL; P206A s/n ALL; P206B s/n ALL; P206C s/n ALL; P206D s/n ALL; P206E s/n ALL T206H s/n ALL; TU206F s/n ALL; TU206G s/n ALL; U206 s/n ALL; U206A s/n ALL; U206B s/n ALL; U206C s/n ALL; U206D s/n ALL; U206E s/n ALL; U206F s/n ALL; U206G s/n ALL; 207 s/n ALL; 207A s/n ALL; T207 s/n ALL; T207A s/n ALL; 210 s/n ALL; 210A s/n ALL; 210B s/n ALL; 210C s/n ALL; 210D s/n ALL; 210E s/n ALL; 210F s/n ALL; T210F s/n ALL;
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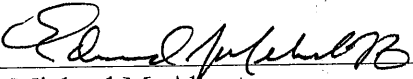
Flap Track	MC1221064-19	1221064-19	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 6267, Rev. Original Dated 12/30/2009 or later FAA approved revisions.	Cessna	177 s/n ALL; 177A s/n ALL; 177B s/n ALL; 177RG s/n ALL; F177RG s/n ALL; 210G s/n ALL; 210H s/n ALL; 210J s/n ALL; 210K s/n ALL; 210L s/n ALL; 210M s/n ALL; 210N s/n ALL; 210R s/n ALL; P210N s/n ALL; P210R s/n ALL; T210G s/n ALL; T210H s/n ALL; T210J s/n ALL; T210K s/n ALL; T210L s/n ALL; T210M s/n ALL; T210N s/n ALL; T210R s/n ALL;
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Flap Track	MC1221064-20	1221064-20	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 6267, Rev. Original Dated 12/30/2009 or later FAA approved revisions.	Cessna	177 s/n ALL; 177A s/n ALL; 177B s/n ALL; 177RG s/n ALL; F177RG s/n ALL; 210G s/n ALL; 210H s/n ALL; 210J s/n ALL; 210K s/n ALL; 210L s/n ALL; 210M s/n ALL; 210N s/n ALL; 210R s/n ALL; P210N s/n ALL; P210R s/n ALL; T210G s/n ALL; T210H s/n ALL; T210J s/n ALL; T210K s/n ALL; T210L s/n ALL; T210M s/n ALL; T210N s/n ALL; T210R s/n ALL;
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Flap Track	MC1221064-21	1221064-21	Test and Computation per 14 CFR § 21.303. McFarlane Drawing List 6267, Rev. Original Dated 12/30/2009 or later FAA approved revisions.	Cessna	177 s/n ALL; 177A s/n ALL; 177B s/n ALL; 177RG s/n ALL; F177RG s/n ALL; 210G s/n ALL; 210H s/n ALL; 210J s/n ALL; 210K s/n ALL; 210L s/n ALL; 210M s/n ALL; 210N s/n ALL; 210R s/n ALL; P210N s/n ALL; P210R s/n ALL; T210G s/n ALL; T210H s/n ALL; T210 s/n ALL; T210K s/n ALL; T210L s/n ALL; T210M s/n ALL; T210N s/n ALL; T210R s/n ALL;
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-----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. The FAA approved ICA for the above parts with their designs. These ICA may refer to those of the respective parts from the holders of type certificates. Otherwise, provide supplemental ICA for differences in the replacement parts. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.


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

September 17, 2010

Date: