



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

Small Airplane Directorate
Wichita Manufacturing Inspection
District Office
2204 S. Tyler Rd.
Wichita, Kansas 67209

June 28, 2016

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

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

Dear Mr. Yarnell:

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 Computations with your letter dated May 5, 2016, meet the airworthiness requirements of the regulations applicable to the products on which the articles are to be installed. Additionally, the FAA has determined that McFarlane Aviation, Inc., has established the quality system required by § 21.307 at 696 E 1700 Road, Baldwin City, Kansas 66006. Accordingly, Parts Manufacture Approval (PMA) is hereby granted for production of the articles listed in the enclosed Supplement No. 88.

You are reminded that the provisions of 14 CFR, Parts 21 and 45 noted in our PMA letter of approval dated May 20, 1994; also apply to the enclosed PMA Listing-Supplement No. 88. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.

Sincerely,

for Neal R. Rice
Manager, Wichita Manufacturing
Inspection District Office

Enclosure: PMA Listing-Supplement No. 88

cc: AIR-112



U.S. Department of Transportation
Federal Aviation Administration

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 88
Date: June 28, 2016

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|----------------------|----------------|---|---|-----------------------|---|
| Housing, Seat Roller | MC0700645-1 | 0700645-1 | Test and Computations per 14 CFR § 21.303, AMOC Required DWG No: 6683 Rev: C Date: 02/16/2016 or later FAA-approved revisions | Textron Aviation Inc. | 172D s/n ALL; 172E s/n ALL; 172F (T-41A) s/n ALL; 172G (T-41A) s/n ALL; 172H (T-41A) s/n ALL; 172I s/n ALL; 172K (T-41A) s/n 17257162 thru 17258486; F172E s/n F172-0051 thru F172-0085; F172F s/n ALL; F172G s/n ALL; FR172E s/n ALL; FR172F s/n ALL; P172D s/n ALL; R172E (T-41B,C,D) s/n R172-0302 thru R1720335; R172F (T-41D) s/n ALL; 180F s/n ALL; 180G s/n ALL; 180H s/n 18051446 thru 18052103; 180J s/n 18051774 thru 18052384; 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; 185B s/n ALL; 185C s/n ALL; 185D s/n ALL; 185E s/n ALL; A185E s/n 185-0968 thru 185-1599; A185E s/n 18501935 thru 18502090; 188 s/n ALL; 188A s/n ALL; 188B s/n ALL; A188 s/n ALL; A188A s/n ALL; A188B s/n 18800833 thru 18802348; A188B s/n 18802349 thru 18803968; T188C s/n 7 thru T18803968T; 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; 206 s/n ALL; P206 s/n ALL; P206A s/n ALL; P206B s/n ALL; P206C s/n ALL; P206D s/n ALL; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; U206 s/n ALL; U206A s/n ALL; U206B s/n ALL; U206C s/n ALL; U206D s/n ALL; 207 s/n 20700001 thru 20700148; T207 s/n 20700001 thru 20700148; 210C s/n ALL; 210D s/n ALL; 210E s/n ALL; 210F s/n ALL; 210G s/n ALL; 210H s/n ALL; 210J s/n ALL; T210F s/n ALL; T210G s/n ALL; T210H s/n ALL; T210J s/n ALL |

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PMA No.: PQ3732CE
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|--------------------------------|-----------------------|--|--|-----------------------------|--|
| Housing, Seat Roller & Bracket | MC0700645-1B | 0700645-1 and 1414104-8 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | 172D s/n ALL; 172E s/n ALL; 172F (T-41A) s/n ALL; 172G (T-41A) s/n ALL; 172H (T-41A) s/n ALL; 172I s/n ALL; 172K (T-41A) s/n 17257162 thru 17258486; F172E s/n F172-0051 thru F172-0085; F172F s/n ALL; F172G s/n ALL; FR172E s/n ALL; FR172F s/n ALL; P172D s/n ALL; R172E (T-41B,C,D) s/n R172-0302 thru R1720335; R172F (T-41D) s/n ALL; 180F s/n ALL; 180G s/n ALL; 180H s/n 18051446 thru 18052103; 180J s/n 18052285 thru 18052384; 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; 185B s/n ALL; 185C s/n ALL; 185D s/n ALL; 185E s/n ALL; A185E s/n 185-0968 thru 185-1599; A185E s/n 18501935 thru 18502090; A188B s/n 18802349 thru 18803968; T188C s/n T18803325T thru T18803968T; 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; 206 s/n ALL; P206 s/n ALL; P206A s/n ALL; P206B s/n ALL; P206C s/n ALL; P206D s/n ALL; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; U206 s/n ALL; U206A s/n ALL; U206B s/n ALL; U206C s/n ALL; U206D s/n ALL; 207 s/n 20700001 thru 20700148; T207 s/n 20700001 thru 20700148; 210C s/n ALL; 210D s/n ALL; 210E s/n ALL; 210F s/n ALL; 210G s/n ALL; 210H s/n ALL; 210J s/n ALL; T210F s/n ALL; T210G s/n ALL; T210H s/n ALL; T210J s/n ALL |

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|----------------------|-----------------------|--|--|-----------------------------|--|
| Housing, Seat Roller | MC0700645-2 | 0700645-2 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | 172D s/n ALL; 172E s/n ALL; 172F (T-41A) s/n ALL; 172G (T-41A) s/n ALL; 172H (T-41A) s/n ALL; 172I s/n ALL; 172K (T-41A) s/n 17257162 thru 17258486; F172E s/n F172-0051 thru F172-0085; F172F s/n ALL; F172G s/n ALL; FR172E s/n ALL; FR172F s/n ALL; P172D s/n ALL; R172E (T-41B,C,D) s/n R172-0302 thru R1720335; R172F (T-41D) s/n ALL; 180F s/n ALL; 180G s/n ALL; 180H s/n 18051446 thru 18052103; 180J s/n 18051774 thru 18052384; 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; 185B s/n ALL; 185C s/n ALL; 185D s/n ALL; 185E s/n ALL; A185E s/n 185-0968 thru 185-1599; A185E s/n 18501935 thru 18502090; 188 s/n ALL; 188A s/n ALL; 188B s/n ALL; A188 s/n ALL; A188A s/n ALL; A188B s/n 18800833 thru 18802348; 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; 206 s/n ALL; P206 s/n ALL; P206A s/n ALL; P206B s/n ALL; P206C s/n ALL; P206D s/n ALL; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; U206 s/n ALL; U206A s/n ALL; U206B s/n ALL; U206C s/n ALL; U206D s/n ALL; 207 s/n 20700001 thru 20700148; T207 s/n 20700001 thru 20700148; 210C s/n ALL; 210D s/n ALL; 210E s/n ALL; 210F s/n ALL; 210G s/n ALL; 210H s/n ALL; 210J s/n ALL; T210F s/n ALL; T210G s/n ALL; T210H s/n ALL; T210J s/n ALL |

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|----------------------|-----------------------|--|--|-----------------------------|---|
| Housing, Seat Roller | MC0700645-3 | 0700645-3 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | 172D s/n ALL; 172E s/n ALL; 172F (T-41A) s/n ALL; 172G (T-41A) s/n ALL; 172H (T-41A) s/n ALL; 172I s/n ALL; 172K (T-41A) s/n 17257162 thru 17258486; F172E s/n F172-0051 thru F172-0085; F172F s/n ALL; F172G s/n ALL; FR172E s/n ALL; FR172F s/n ALL; P172D s/n ALL; R172E (T-41B,C,D) s/n R172-0302 thru R1720335; R172F (T-41D) s/n ALL; 180F s/n ALL; 180G s/n ALL; 180H s/n 18051446 thru 18052103; 180J s/n 18051774 thru 18052384; 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; 185B s/n ALL; 185C s/n ALL; 185D s/n ALL; 185E s/n ALL; A185E s/n 185-0968 thru 185-1599; A185E s/n 18501935 thru 18502090; 188 s/n ALL; 188A s/n ALL; 188B s/n ALL; A188 s/n ALL; A188A s/n ALL; A188B s/n 18800833 thru 18802348; A188B s/n 18802349 thru 18803973; T188C s/n ALL; 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; 206 s/n ALL; P206 s/n ALL; P206A s/n ALL; P206B s/n ALL; P206C s/n ALL; P206D s/n ALL; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; U206 s/n ALL; U206A s/n ALL; U206B s/n ALL; U206C s/n ALL; U206D s/n ALL; 207 s/n 20700001 thru 20700148; T207 s/n 20700001 thru 20700148; 210C s/n ALL; 210D s/n ALL; 210E s/n ALL; 210F s/n ALL; 210G s/n ALL; 210H s/n ALL; 210J s/n ALL; T210F s/n ALL; T210G s/n ALL; T210H s/n ALL; T210J s/n ALL |

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|----------------------|-----------------------|--|--|-----------------------------|---|
| Housing, Seat Roller | MC0700645-4 | 0700645-4 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No:</u> 6683 <u>Rev:</u> C <u>Date:</u> 02/16/2016 or later FAA-approved revisions | Textron Aviation Inc. | 172D s/n ALL; 172E s/n ALL; 172F (T-41A) s/n ALL; 172G (T-41A) s/n ALL; 172H (T-41A) s/n ALL; 172I s/n ALL; 172K (T-41A) s/n 17257162 thru 17258486; F172E s/n F172-0051 thru F172-0085; F172F s/n ALL; F172G s/n ALL; FR172E s/n ALL; FR172F s/n ALL; P172D s/n ALL; R172E (T-41B,C,D) s/n R172-0302 thru R1720335; R172F (T-41D) s/n ALL; 180F s/n ALL; 180G s/n ALL; 180H s/n 18051446 thru 18052103; 180J s/n 18051774 thru 18052384; 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; 185B s/n ALL; 185C s/n ALL; 185D s/n ALL; 185E s/n ALL; A185E s/n 185-0968 thru 185-1599; A185E s/n 18501935 thru 18502090; 188 s/n ALL; 188A s/n ALL; 188B s/n ALL; A188 s/n ALL; A188A s/n ALL; A188B s/n 18800833 thru 18802348; A188B s/n 18802349 thru 18803973; T188C s/n ALL; 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; 206 s/n ALL; P206 s/n ALL; P206A s/n ALL; P206B s/n ALL; P206C s/n ALL; P206D s/n ALL; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; U206 s/n ALL; U206A s/n ALL; U206B s/n ALL; U206C s/n ALL; U206D s/n ALL; 207 s/n 20700001 thru 20700148; T207 s/n 20700001 thru 20700148; 210C s/n ALL; 210D s/n ALL; 210E s/n ALL; 210F s/n ALL; 210G s/n ALL; 210H s/n ALL; 210J s/n ALL; T210F s/n ALL; T210G s/n ALL; T210H s/n ALL; T210J s/n ALL |

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|----------------------|-----------------------|--|---|-----------------------------|---|
| Housing, Seat Roller | MC1200603-38 | 1200603-38 | Test and Computations per 14 CFR § 21.303, AMOC Required DWG No: 6683 Rev: C Date: 02/16/2016 or later FAA-approved revisions | Textron Aviation Inc. | 172N s/n 17272885 thru 17274009; 172P s/n ALL; 172Q s/n 17275870 thru 17276211; 172RG s/n ALL; F172N s/n F17201910 thru F17202039; F172P s/n F17202040 thru F17202194; F172P s/n F17202195 thru F17202254; FR172K s/n FR17200656 thru FR17200675; R172K s/n R1723200 thru R1723454; 180K s/n 18053116 thru 18053203; 182Q s/n 18267301 thru 18267715; 182R s/n ALL; R182 s/n R18201314 thru R18202041; T182 s/n 18267716 thru 18268293; TR182 s/n R18201314 thru R18202041; A185F s/n 18503939 thru 18504448; 210-5 (205) s/n 205-0200 thru 205-0480; 210-5A (205A) s/n ALL; 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; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TP206E s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; TU206E s/n ALL; TU206F s/n U20601701 thru U20602199; TU206F s/n U20602200 thru U20603521; 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 U20601701 thru U20602199; U206F s/n U20602200 thru U20603521; U206G s/n ALL; 207 s/n ALL; 207A s/n ALL; 207A s/n 20700563 thru 20700762; T207 s/n ALL; T207A s/n ALL; T207A s/n 20700563 thru 20700762; 210K s/n ALL; 210L s/n ALL; 210M s/n ALL; 210N s/n 21062955 thru 21064135; 210N s/n 21064136 thru 21064897; 210R s/n ALL; P210N s/n ALL; P210R s/n ALL; T210K s/n ALL; T210L s/n ALL; T210M s/n ALL; T210N s/n 21062955 thru 21064135; T210N s/n 21064136 thru 21064897; T210R s/n ALL; 336 s/n ALL; 337 s/n ALL; 337A (USAF O2B) s/n ALL; 337B s/n ALL; 337C s/n ALL; 337D s/n ALL; 337E s/n ALL; 337F s/n ALL; F337E s/n ALL; F337F s/n ALL; T337B s/n 337-0569 thru 337-0755; T337C s/n ALL; T337D s/n ALL |

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|------------------------------|-----------------------|--|--|-----------------------------|---|
| Housing Seat Roller | MC1200603-41 | 1200603-41 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; 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; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TP206E s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; TU206E s/n ALL; TU206F s/n U20601701 thru U20602199; TU206F s/n U20602200 thru U20603521; 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 U20601701 thru U20602199; U206F s/n U20602200 thru U20603521; U206G s/n ALL; 207 s/n ALL; 207A s/n ALL; T207 s/n ALL; T207A s/n ALL |
| Seat Roller Housing Assembly | MC1200603-41B | 1200603-41 and 1414104-8 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; TU206F s/n U20602200 thru U20603521; TU206G s/n ALL; U206F s/n U20602200 thru U20603521; U206G s/n ALL; 207 s/n 20700315 thru 20700362; 207A s/n ALL; T207 s/n 20700315 thru 20700362; T207A s/n ALL |
| Housing, Seat Roller | MC1200603-42 | 1200603-42 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; 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; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TP206E s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; TU206E s/n ALL; TU206F s/n U20601701 thru U20602199; TU206F s/n U20602200 thru U20603521; TU206G s/n ALL; TU206G s/n U20603522 thru U20605309; 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 U20601701 thru U20602199; U206F s/n U20602200 thru U20603521; U206G s/n ALL; U206G s/n U20603522 thru U20605309; 207 s/n ALL; 207A s/n ALL; T207 s/n ALL; T207A s/n ALL |

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|--------------------------------|-----------------------|--|--|-----------------------------|--|
| Housing, Seat Roller | MC1414104-25 | 1414104-25 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | FR172K s/n FR17200656 thru FR17200675; R172K s/n R1723200 thru R1723454; 210K s/n ALL; 210L s/n ALL; 210M s/n ALL; 210N s/n 21062955 thru 21064135; 210N s/n 21064136 thru 21064897; 210R s/n ALL; P210N s/n ALL; P210R s/n ALL; T210K s/n ALL; T210L s/n ALL; T210M s/n ALL; T210N s/n 21062955 thru 21064135; T210N s/n 21064136 thru 21064897; T210R s/n ALL; 336 s/n ALL; 337 s/n ALL; 337A (USAF O2B) s/n ALL; 337B s/n ALL; 337C s/n ALL; 337D s/n ALL; 337E s/n ALL; 337F s/n ALL; F337E s/n ALL; F337F s/n ALL; T337B s/n 337-0569 thru 337-0755; T337C s/n ALL; T337D s/n ALL |
| Housing, Seat Roller & Bracket | MC1414104-25B | 1414104-25 and 1414104-8 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | FR172K s/n FR17200656 thru FR17200675; R172K s/n R1723200 thru R1723454; 210K s/n ALL; 210L s/n ALL; 210M s/n ALL; 210N s/n 21062955 thru 21064135; 210N s/n 21064136 thru 21064897; 210R s/n ALL; P210N s/n ALL; P210R s/n ALL; T210K s/n ALL; T210L s/n ALL; T210M s/n ALL; T210N s/n 21062955 thru 21064135; T210N s/n 21064136 thru 21064897; T210R s/n ALL; 336 s/n ALL; 337 s/n ALL; 337A (USAF O2B) s/n ALL; 337B s/n ALL; 337C s/n ALL; 337D s/n ALL; 337E s/n ALL; 337F s/n ALL; F337E s/n ALL; F337F s/n ALL; T337B s/n 337-0569 thru 337-0755; T337C s/n ALL; T337D s/n ALL |
| Housing, Seat Roller | MC1414104-26 | 1414104-26 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | 210K s/n ALL; 210L s/n ALL; 210M s/n ALL; 210N s/n 21062955 thru 21064135; 210N s/n 21064136 thru 21064897; 210R s/n ALL; P210N s/n ALL; P210R s/n ALL; T210K s/n ALL; T210L s/n ALL; T210M s/n ALL; T210N s/n 21062955 thru 21064135; T210N s/n 21064136 thru 21064897; T210R s/n ALL; 336 s/n ALL; 337 s/n ALL; 337A (USAF O2B) s/n ALL; 337B s/n ALL; 337C s/n ALL; 337D s/n ALL; 337E s/n ALL; 337F s/n ALL; F337E s/n ALL; F337F s/n ALL; T337B s/n 337-0569 thru 337-0755; T337C s/n ALL; T337D s/n ALL |

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 88
Date: June 28th, 2016

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|----------------------|-----------------------|--|--|-----------------------------|--|
| Housing, Seat Roller | MC1414104-39 | 1414104-39 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | 172D s/n ALL; 172E s/n ALL; 172F (T-41A) s/n ALL; 172G (T-41A) s/n ALL; 172H (T-41A) s/n ALL; 172I s/n ALL; 172K (T-41A) s/n ALL; 172L s/n ALL; 172M s/n 17260759 thru 17263458; 172M s/n 17263459 thru 17267584; 172N s/n 17267585 thru 17272884; 172D s/n ALL; 172E s/n ALL; 172F s/n ALL; 172G s/n ALL; 172H s/n F172-0320 thru F172-0654; 172H s/n F17200655 thru F17200754; 172K s/n ALL; 172L s/n ALL; 172M s/n F17200905 thru F17201234; 172M s/n F17201235 thru F17201514; 172N s/n F17201515 thru F17201909; 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 FR17200591 thru FR17200655; P172D s/n ALL; R172K s/n R1722000 thru R1723199; 180F s/n ALL; 180G s/n ALL; 180H s/n ALL; 180J s/n 18052285 thru 18052384; 180J s/n 18052385 thru 18052770; 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 18260826 thru 18262465; 182P s/n 18262466 thru 18265175; 182Q s/n 18265176 thru 18267300; F182P s/n ALL; F182Q s/n F18200026 thru F18200129; FR182 s/n FR18200001 thru FR18200045; R182 s/n R18200001 thru R18201313; TR182 s/n R18200584 thru R18201313; 185B s/n ALL; 185C s/n ALL; 185D s/n ALL; 185E s/n ALL; A185E s/n 185-0968 thru 185-1599; A185E s/n 18501600 thru 185-1301; A185F s/n 18502311 thru 18503938; 188 s/n ALL; 188B s/n ALL; A188 s/n ALL; A188B s/n 18800833 thru 18802348; 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; 206 s/n ALL; P206 s/n ALL; P206A s/n ALL; P206B s/n ALL; P206C s/n ALL; P206D s/n ALL; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TP206E s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; TU206E s/n ALL; TU206F s/n U20601701 thru U20602199; TU206F s/n U20602200 thru U20603521; TU206G s/n U20603522 thru U20605309; 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 U20601701 thru U20602199; U206F s/n U20602200 thru U20603521; U206G s/n U20603522 thru U20605309; 207 s/n ALL; 207A s/n 20700363 thru 20700562; T207 s/n ALL; T207A s/n 20700363 thru 20700562; 210C s/n ALL; 210D s/n ALL; 210E s/n ALL; 210F s/n ALL; 210G s/n ALL; 210H s/n ALL; 210J s/n ALL; T210F s/n ALL; T210G s/n ALL; T210H s/n ALL; T210J s/n ALL |

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 88
Date: June 28th, 2016

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|--------------------------------|----------------|---|--|-----------------------|--|
| Housing, Seat Roller & Bracket | MC1414104-39B | 1414104-39 and 1414104-8 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No:</u> 6683 <u>Rev:</u> C <u>Date:</u> 02/16/2016 or later FAA-approved revisions | Textron Aviation Inc. | 172D s/n ALL; 172E s/n ALL; 172F (T-41A) s/n ALL; 172G (T-41A) s/n ALL; 172H (T-41A) s/n ALL; 172I s/n ALL; 172K (T-41A) s/n ALL; 172L s/n ALL; 172M s/n 17260759 thru 17263458; 172M s/n 17263459 thru 17267584; 172N s/n 17267585 thru 17272884; 172D s/n ALL; F172E s/n ALL; F172F s/n ALL; F172G s/n ALL; F172H s/n F172-0320 thru F172-0654; F172H s/n F17200655 thru F17200754; F172K s/n ALL; F172L s/n ALL; F172M s/n F17200905 thru F17201234; F172M s/n F17201235 thru F17201514; F172N s/n F17201515 thru F17201909; 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 FR17200591 thru FR17200655; P172D s/n ALL; R172K s/n R1722000 thru R1723199; 180F s/n ALL; 180G s/n ALL; 180H s/n ALL; 180J s/n 18052285 thru 18052384; 180J s/n 18052385 thru 18052770; 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 18260826 thru 18262465; 182P s/n 18262466 thru 18265175; 182Q s/n 18265176 thru 18267300; F182P s/n ALL; F182Q s/n F18200026 thru F18200129; FR182 s/n FR18200001 thru FR18200045; R182 s/n R18200001 thru R18201313; TR182 s/n R18200584 thru R18201313; 185B s/n ALL; 185C s/n ALL; 185D s/n ALL; 185E s/n ALL; A185E s/n 185-0968 thru 185-1599; A185E s/n 18501600 thru 185-1301; A185F s/n 18502311 thru 18503938; 188 s/n ALL; 188B s/n ALL; A188 s/n ALL; A188B s/n 18800833 thru 18802348; 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; 206 s/n ALL; P206 s/n ALL; P206A s/n ALL; P206B s/n ALL; P206C s/n ALL; P206D s/n ALL; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TP206E s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; TU206E s/n ALL; TU206F s/n U20601701 thru U20602199; TU206F s/n U20602200 thru U20603521; TU206G s/n U20603522 thru U20605309; 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 U20601701 thru U20602199; U206F s/n U20602200 thru U20603521; U206G s/n U20603522 thru U20605309; 207 s/n ALL; 207A s/n ALL; T207 s/n ALL; T207A s/n ALL; 210C s/n ALL; 210D s/n ALL; 210E s/n ALL; 210F s/n ALL; 210G s/n ALL; 210H s/n ALL; 210J s/n ALL; T210F s/n ALL; T210G s/n ALL; T210H s/n ALL; T210J s/n ALL |

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 88
Date: June 28th, 2016

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|----------------------|-----------------------|--|--|-----------------------------|--|
| Housing, Seat Roller | MC1414104-40 | 1414104-40 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | 172D s/n ALL; 172E s/n ALL; 172F (T-41A) s/n ALL; 172G (T-41A) s/n ALL; 172H (T-41A) s/n ALL; 172I s/n ALL; 172K (T-41A) s/n ALL; 172L s/n ALL; F172D s/n ALL; F172E s/n ALL; F172F s/n ALL; F172G s/n ALL; F172H s/n F172-0320 thru F172-0654; F172H s/n F17200655 thru F17200754; F172K s/n ALL; F172L s/n ALL; FP172 s/n ALL; FR172E s/n ALL; FR172F s/n ALL; FR172G s/n ALL; FR172H s/n ALL; P172D s/n ALL; 180F s/n ALL; 180G s/n ALL; 180H s/n ALL; 180J s/n 18052285 thru 18052384; 180J s/n 18052385 thru 18052620; 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 18260826 thru 18261425; 185B s/n ALL; 185C s/n ALL; 185D s/n ALL; 185E s/n ALL; A185E s/n 185-0968 thru 185-1599; A185E s/n 18501600 thru 185-1301; A185F s/n 18502311 thru 18502838; 188 s/n ALL; 188B s/n ALL; A188 s/n ALL; A188B s/n 18800833 thru 18802348; 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; 206 s/n ALL; P206 s/n ALL; P206A s/n ALL; P206B s/n ALL; P206C s/n ALL; P206D s/n ALL; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TP206E s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; TU206E s/n ALL; TU206F s/n U20601701 thru U20601874; 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 U20601701 thru U20601874; 207 s/n 20700001 thru 20700215; T207 s/n 20700001 thru 20700215; 210C s/n ALL; 210D s/n ALL; 210E s/n ALL; 210F s/n ALL; 210G s/n ALL; 210H s/n ALL; 210J s/n ALL; T210F s/n ALL; T210G s/n ALL; T210H s/n ALL; T210J s/n ALL |

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 88
Date: June 28th, 2016

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|----------------------|-----------------------|--|--|-----------------------------|---|
| Housing, Seat Roller | MC1414104-41 | 1414104-41 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | 172D s/n ALL; 172E s/n ALL; 172F (T-41A) s/n ALL; 172G (T-41A) s/n ALL; 172H (T-41A) s/n ALL; 172I s/n ALL; 172K (T-41A) s/n ALL; 172L s/n ALL; 172M s/n 17260759 thru 17263458; 172M s/n 17263459 thru 17267584; 172N s/n 17267585 thru 17272884; F172D s/n ALL; F172E s/n ALL; F172F s/n ALL; F172G s/n ALL; F172H s/n F172-0320 thru F172-0654; F172H s/n F17200655 thru F17200754; F172K s/n ALL; F172L s/n ALL; F172M s/n F17200905 thru F17201234; F172M s/n F17201235 thru F17201514; F172N s/n F17201515 thru F17201909; 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 FR17200591 thru FR17200655; P172D s/n ALL; R172K s/n R1722000 thru R1723199; 180F s/n ALL; 180G s/n ALL; 180H s/n ALL; 180J s/n 18052285 thru 18052384; 180J s/n 18052385 thru 18052770; 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 18260826 thru 18262465; 182P s/n 18262466 thru 18265175; 182Q s/n 18265176 thru 18267300; F182P s/n ALL; F182Q s/n F18200026 thru F18200129; FR182 s/n FR18200001 thru FR18200045; R182 s/n R18200001 thru R18201313; TR182 s/n R18200584 thru R18201313; 185B s/n ALL; 185C s/n ALL; 185D s/n ALL; 185E s/n ALL; A185E s/n 185-0968 thru 185-1599; A185E s/n 18501600 thru 185-1301; A185F s/n 18502311 thru 18503938; 188 s/n ALL; 188B s/n ALL; A188 s/n ALL; A188B s/n 18800833 thru 18802348; 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; 206 s/n ALL; P206 s/n ALL; P206A s/n ALL; P206B s/n ALL; P206C s/n ALL; P206D s/n ALL; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TP206E s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; TU206E s/n ALL; TU206F s/n U20601701 thru U20602199; TU206F s/n U20602200 thru U20603521; TU206G s/n U20603522 thru U20605309; 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 U20601701 thru U20602199; U206F s/n U20602200 thru U20603521; U206G s/n U20603522 thru U20605309; 207 s/n . thru 20700362; 207A s/n 20700363 thru 20700562; T207 s/n . thru 20700362; T207A s/n 20700363 thru 20700562; 210C s/n ALL; 210D s/n ALL; 210E s/n ALL; 210F s/n ALL; 210G s/n ALL; 210H s/n ALL; 210J s/n ALL; T210F s/n ALL; T210G s/n ALL; T210H s/n ALL; T210J s/n ALL |

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 88
Date: June 28th, 2016

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|----------------------|-----------------------|--|--|-----------------------------|---|
| Housing, Seat Roller | MC1414104-42 | 1414104-42 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No:</u> 6683 <u>Rev:</u> C <u>Date:</u> 02/16/2016 or later FAA-approved revisions | Textron Aviation Inc. | 172D s/n ALL; 172E s/n ALL; 172F (T-41A) s/n ALL; 172G (T-41A) s/n ALL; 172H (T-41A) s/n ALL; 172I s/n ALL; 172K (T-41A) s/n ALL; 172L s/n ALL; 172M s/n 17260759 thru 17263458; 172M s/n 17263459 thru 17267584; 172N s/n 17267585 thru 17272884; F172D s/n ALL; F172E s/n ALL; F172F s/n ALL; F172G s/n ALL; F172H s/n F172-0320 thru F172-0654; F172H s/n F17200655 thru F17200754; F172K s/n ALL; F172L s/n ALL; F172M s/n F17200905 thru F17201234; F172M s/n F17201235 thru F17201514; F172N s/n F17201515 thru F17201909; 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 FR17200591 thru FR17200655; P172D s/n ALL; R172K s/n R1722000 thru R1723199; 180F s/n ALL; 180G s/n ALL; 180H s/n ALL; 180J s/n 18052285 thru 18052384; 180J s/n 18052385 thru 18052770; 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 18260826 thru 18262465; 182P s/n 18262466 thru 18265175; 182Q s/n 18265176 thru 18267300; F182P s/n ALL; F182Q s/n F18200026 thru F18200129; FR182 s/n FR18200001 thru FR18200045; R182 s/n R18200001 thru R18201313; TR182 s/n R18200584 thru R18201313; 185B s/n ALL; 185C s/n ALL; 185D s/n ALL; 185E s/n ALL; A185E s/n 185-0968 thru 185-1599; A185E s/n 18501600 thru 185-1301; A185F s/n 18502311 thru 18503938; 188 s/n ALL; 188B s/n ALL; A188 s/n ALL; A188B s/n 18800833 thru 18802348; 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; 206 s/n ALL; P206 s/n ALL; P206A s/n ALL; P206B s/n ALL; P206C s/n ALL; P206D s/n ALL; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TP206E s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; TU206E s/n ALL; TU206F s/n U20601701 thru U20602199; TU206F s/n U20602200 thru U20603521; TU206G s/n U20603522 thru U20605309; 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 U20601701 thru U20601874; U206F s/n U20602200 thru U20603521; U206G s/n U20603522 thru U20605309; 207 s/n ALL; 207A s/n 20700363 thru 20700562; T207 s/n ALL; T207A s/n 20700363 thru 20700562; 210C s/n ALL; 210D s/n ALL; 210E s/n ALL; 210F s/n ALL; 210G s/n ALL; 210H s/n ALL; 210J s/n ALL; T210F s/n ALL; T210G s/n ALL; T210H s/n ALL; T210J s/n ALL |

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 88
Date: June 28th, 2016

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|--------------------------------|----------------|---|--|-----------------------|---|
| Housing, Seat Roller | MC1414104-61 | 1414104-61 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No:</u> 6683 <u>Rev:</u> C <u>Date:</u> 02/16/2016 or later FAA-approved revisions | Textron Aviation Inc. | 172M s/n 17260759 thru 17263458; 172M s/n 17263459 thru 17267584; 172N s/n 17267585 thru 17272884; F172M s/n F17200905 thru F17201234; F172M s/n F17201235 thru F17201514; F172N s/n F17201515 thru F17201909; FR172J s/n ALL; FR172K s/n FR17200591 thru FR17200655; R172K s/n R1722000 thru R1723199; 180J s/n 18052621 thru 18052770; 182P s/n 18261426 thru 18262465; 182P s/n 18262466 thru 18265175; 182Q s/n 18265176 thru 18267300; F182P s/n ALL; F182Q s/n F18200026 thru F18200129; FR182 s/n FR18200001 thru FR18200045; R182 s/n R18200001 thru R18201313; TR182 s/n R18200584 thru R18201313; A185F s/n 18502839 thru 18503938; TU206F s/n U20601875 thru U20602199; TU206F s/n U20602200 thru U20603521; TU206G s/n U20603522 thru U20605309; U206F s/n U20601875 thru U20602199; U206F s/n U20602200 thru U20603521; U206G s/n U20603522 thru U20605309; 207 s/n 20700216 thru 20700267; 207A s/n 20700363 thru 20700562; T207 s/n 20700216 thru 20700267; T207A s/n 20700363 thru 20700562 |
| Housing, Seat Roller & Bracket | MC1414104-61B | 1414104-61 and 1414104-8 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No:</u> 6683 <u>Rev:</u> C <u>Date:</u> 02/16/2016 or later FAA-approved revisions | Textron Aviation Inc. | 172M s/n 17260759 thru 17263458; 172M s/n 17263459 thru 17267584; 172N s/n 17267585 thru 17272884; F172M s/n F17200905 thru F17201234; F172M s/n F17201235 thru F17201514; F172N s/n F17201515 thru F17201909; FR172J s/n ALL; FR172K s/n FR17200591 thru FR17200655; R172K s/n R1722000 thru R1723199; 180J s/n 18052621 thru 18052770; 182P s/n 18261426 thru 18262465; 182P s/n 18262466 thru 18265175; 182Q s/n 18265176 thru 18267300; F182P s/n ALL; F182Q s/n F18200026 thru F18200129; FR182 s/n FR18200001 thru FR18200045; R182 s/n R18200001 thru R18201313; TR182 s/n R18200584 thru R18201313; A185F s/n 18502839 thru 18503938; TU206F s/n U20602200 thru U20603521; TU206G s/n U20603522 thru U20605309; U206F s/n U20602200 thru U20603521; U206G s/n U20603522 thru U20605309; 207 s/n 20700216 thru 20700267; 207A s/n ALL; T207 s/n 20700216 thru 20700267; T207A s/n ALL |

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 88
Date: June 28th, 2016

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|--------------------------------|----------------|---|--|-----------------------|---|
| Housing, Seat Roller | MC1414104-65 | 1414104-65 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No:</u> 6683 <u>Rev:</u> C <u>Date:</u> 02/16/2016 or later FAA-approved revisions | Textron Aviation Inc. | 172N s/n 17272885 thru 17274009; 172P s/n 17274010 thru 17275759; 172P s/n 17274010 thru 17275869; 172RG s/n 172RG0001 thru 172RG1099; F172N s/n F17201910 thru F17202039; F172P s/n F17202040 thru F17202194; FR172K s/n FR17200656 thru FR17200675; R172K s/n R1723200 thru R1723454; 180K s/n 18053116 thru 18053203; 182Q s/n 18267301 thru 18267715; 182R s/n 18267716 thru 18268293; R182 s/n R18201314 thru R18201928; T182 s/n 18267716 thru 18268293; TR182 s/n R18201314 thru R18201928; A185F s/n 18503939 thru 18504395; TU206G s/n U20605310 thru U20606699; U206G s/n U20605310 thru U20606699; 207A s/n 20700563 thru 20700762; T207A s/n 20700563 thru 20700762 |
| Housing, Seat Roller & Bracket | MC1414104-65B | 1414104-65 & 1414104-8 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No:</u> 6683 <u>Rev:</u> C <u>Date:</u> 02/16/2016 or later FAA-approved revisions | Textron Aviation Inc. | 172N s/n 17272885 thru 17274009; 172P s/n 17274010 thru 17275869; 172RG s/n 172RG0001 thru 172RG1099; F172N s/n ALL; FR172K s/n FR17200656 thru FR17200675; R172K s/n R1723200 thru R1723454; 180K s/n 18053116 thru 18053203; 182Q s/n 18267301 thru 18267715; 182R s/n 18267716 thru 18268293; R182 s/n R18201314 thru R18201928; T182 s/n 18267716 thru 18268293; TR182 s/n R18201314 thru R18201928; A185F s/n 18503939 thru 18504448; TU206G s/n U20605310 thru U20606699; U206G s/n U20605310 thru U20606699; 207A s/n 20700563 thru 20700762; T207A s/n 20700563 thru 20700762 |
| Housing Seat Roller | MC1414104-67 | 1414104-67 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No:</u> 6683 <u>Rev:</u> C <u>Date:</u> 02/16/2016 or later FAA-approved revisions | Textron Aviation Inc. | 172N s/n 17272885 thru 17274009; 172P s/n 17274010 thru 17275759; 172P s/n 17274010 thru 17275869; 172RG s/n 172RG0001 thru 172RG1099; F172N s/n F17201910 thru F17202039; F172P s/n F17202040 thru F17202194; 180K s/n 18053116 thru 18053203; 182Q s/n 18267301 thru 18267715; 182R s/n 18267716 thru 18268293; R182 s/n R18201314 thru R18201928; T182 s/n 18267716 thru 18268293; TR182 s/n R18201314 thru R18201928; A185F s/n 18503939 thru 18504395; TU206G s/n U20605310 thru U20606699; U206G s/n U20605310 thru U20606699; 207A s/n 20700563 thru 20700762; T207A s/n 20700563 thru 20700762 |

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

PMA No.: PQ3732CE
Supplement No.: 88
Date: June 28th, 2016

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|--------------------------------|-----------------------|--|--|-----------------------------|--|
| Housing, Seat Roller & Bracket | MC1414104-67B | 1414104-67 & 1414104-8 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No:</u> 6683 <u>Rev:</u> C <u>Date:</u> 02/16/2016 or later FAA-approved revisions | Textron Aviation Inc. | 172N s/n 17272885 thru 17274009; 172P s/n 17274010 thru 17275869; 172RG s/n 172RG0001 thru 172RG1099; F172N s/n ALL; 180K s/n 18053116 thru 18053203; 182Q s/n 18267301 thru 18267715; 182R s/n 18267716 thru 18268293; R182 s/n R18201314 thru R18201928; T182 s/n 18267716 thru 18268293; TR182 s/n R18201314 thru R18201928; A185F s/n 18503939 thru 18504448; TU206G s/n U20605310 thru U20606699; U206G s/n U20605310 thru U20606699; 207A s/n 20700563 thru 20700762; T207A s/n 20700563 thru 20700762 |
| Housing, Seat Roller | MC1414104-71 | 1414104-71 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No:</u> 6683 <u>Rev:</u> C <u>Date:</u> 02/16/2016 or later FAA-approved revisions | Textron Aviation Inc. | 172P s/n 17275760 thru 17276654; 172P s/n 17275870 thru 17276654; 172Q s/n ALL; 172Q s/n 17275870 thru 17276211; 172RG s/n 172RG1100 thru 172RG1191; F172P s/n F17202195 thru F17202254; 182R s/n 18268294 thru 18268586; R182 s/n R18201929 thru R18202041; TR182 s/n R18201929 thru R18202041; A185F s/n 18504396 thru 18504448; TU206G s/n U20606700 thru U20607020; U206G s/n U20606700 thru U20607020; 207A s/n 20700763 thru 20700788; T207A s/n 20700763 thru 20700788 |
| Housing, Seat Roller | MC1414104-72 | 1414104-72 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No:</u> 6683 <u>Rev:</u> C <u>Date:</u> 02/16/2016 or later FAA-approved revisions | Textron Aviation Inc. | 172P s/n 17275760 thru 17276654; 172P s/n 17275870 thru 17276654; 172Q s/n ALL; 172Q s/n 17275870 thru 17276211; 172RG s/n 172RG1100 thru 172RG1191; F172P s/n F17202195 thru F17202254; 182R s/n 18268294 thru 18268586; R182 s/n R18201929 thru R18202041; TR182 s/n R18201929 thru R18202041; A185F s/n 18504396 thru 18504448; TU206G s/n U20606700 thru U20607020; U206G s/n U20606700 thru U20607020; 207A s/n 20700763 thru 20700788; T207A s/n 20700763 thru 20700788 |

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 88
Date: June 28th, 2016

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|--------------|----------------|---|--|--------------------------|---|
| Bracket | MC1414104-8 | 1414104-8 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | 172D s/n ALL; 172E s/n ALL; 172F (T-41A) s/n ALL; 172G (T-41A) s/n ALL; 172H (T-41A) s/n ALL; 172I s/n ALL; 172K (T-41A) s/n ALL; 172L s/n ALL; 172M s/n 17260759 thru 17263458; 172M s/n 17263459 thru 17267584; 172N s/n 17267585 thru 17272884; 172N s/n 17272885 thru 17274009; 172P s/n 17274010 thru 17275759; 172RG s/n 172RG0001 thru 172RG1099; F172D s/n ALL; F172E s/n ALL; F172F s/n ALL; F172G s/n ALL; F172H s/n F172-0320 thru F172-0654; F172H s/n F17200655 thru F17200754; F172K s/n ALL; F172L s/n ALL; F172M s/n F17200905 thru F17201234; F172M s/n F17201235 thru F17201514; F172N s/n F17201515 thru F17201909; F172N s/n F17201910 thru F17202039; F172P s/n F17202040 thru F17202194; 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; R172E (T-41B,C,D) s/n R172-0302 thru R1720335; R172F (T-41D) s/n ALL; R172K s/n ALL; R172K s/n R1722000 thru R172319; 180F s/n ALL; 180G s/n ALL; 180H s/n ALL; 180J s/n 18052285 thru 18052384; 180J s/n 18052385 thru 18052770; 180J s/n 18052621 thru 18052770; 180K s/n 18053116 thru 18053203; 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 18260826 thru 18262465; 182P s/n 18261426 thru 18262465; 182P s/n 18262466 thru 18265175; 182Q s/n ALL; 182R s/n 18267716 thru 18268293; F182P s/n ALL; F182Q s/n F18200026 thru F18200129; FR182 s/n FR18200001 thru FR18200045; R182 s/n R18200001 thru R18201928; T182 s/n 18267716 thru 18268293; TR182 s/n R18200584 thru R18201928; 185B s/n ALL; 185C s/n ALL; 185D s/n ALL; 185E s/n ALL; A185E s/n 185-0968 thru 185-1599; A185E s/n 18501600 thru 185-1301; A185E s/n 18501935 thru 18502090; A185F s/n 18502311 thru 18504448; A185F s/n 18502839 thru 18504448; 188 s/n ALL; 188A s/n ALL; 188B s/n ALL; A188 s/n ALL; A188A s/n ALL; A188B s/n 18800833 thru 18802348; A188B s/n 18802349 thru 18803968; T188C s/n T18803325T thru T18803968T; 210-5 (205) s/n ALL; 210-5A (205A) s/n ALL; 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; TP206A s/n ALL; TP206B s/n ALL; TP206C s/n ALL; TP206D s/n ALL; TP206E s/n ALL; TU206A s/n ALL; TU206B s/n ALL; TU206C s/n ALL; TU206D s/n ALL; TU206E s/n ALL; TU206F s/n U20601701 thru U20602199; TU206F s/n U20601875 thru U20602199; TU206F s/n U20602200 thru |

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| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|---------------------|-----------------------|--|--|-----------------------------|---|
| | | | | | U20603521; TU206G s/n ALL; TU206G s/n U20603522 thru U20606699; 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 U20601701 thru U20602199; U206F s/n U20601875 thru U20602199; U206F s/n U20602200 thru U20603521; U206G s/n ALL; U206G s/n U20603522 thru U20606699; 207 s/n ALL; 207A s/n ALL; T207 s/n ALL; T207A s/n ALL; 210C s/n ALL; 210D s/n ALL; 210E s/n ALL; 210F 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 21062955 thru 21064135; 210N s/n 21064136 thru 21064897; 210R s/n ALL; P210N s/n ALL; P210R s/n ALL; T210F 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 21062955 thru 21064135; T210N s/n 21064136 thru 21064897; T210R s/n ALL; 336 s/n ALL; 337 s/n ALL; 337A (USAF O2B) s/n ALL; 337B s/n ALL; 337C s/n ALL; 337D s/n ALL; 337E s/n ALL; 337F s/n ALL; F337E s/n ALL; F337F s/n ALL; T337B s/n 337-0569 thru 337-0755; T337C s/n ALL; T337D s/n ALL |

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PMA No.: PQ3732CE
Supplement No.: 88
Date: June 28th, 2016

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
|----------------------|----------------|---|--|-----------------------|--|
| Housing, Seat Roller | MC1714000-33 | 1714000-33 | Test and Computations per 14 CFR § 21.303, AMOC Required <u>DWG No: 6683</u> <u>Rev: C</u> <u>Date: 02/16/2016 or later</u> FAA-approved revisions | Textron Aviation Inc. | 172K (T-41A) s/n 17258487 thru 17259223; 172L s/n ALL; 172M s/n 17260759 thru 17263458; 172N s/n 17263459 thru 17267584; 172N s/n ALL; 172P s/n ALL; 172Q s/n ALL; 172RG s/n ALL; F172H s/n F17200655 thru F17200754; F172K s/n ALL; F172L s/n ALL; F172M s/n F17200905 thru F17201234; F172M s/n F17201235 thru F17201514; F172N s/n ALL; F172P s/n F17202040 thru F17202216; F172P s/n F17202217 thru F17202254; FR172G s/n ALL; FR172H s/n ALL; FR172J s/n ALL; FR172K s/n ALL; R172G (T-41C,D) s/n ALL; R172H (T-41D) s/n ALL; R172K s/n ALL; 177 s/n ALL; 177A s/n ALL; 177B s/n ALL; 177B s/n 17701371 thru 17702672; 177RG s/n ALL; F177RG s/n ALL; 180H s/n 18052104 thru 18052284; 180J s/n 18052285 thru 18052384; 180J s/n 18052385 thru 18052770; 180K s/n ALL; 182N s/n ALL; 182P s/n 18260826 thru 18262465; 182P s/n 18262466 thru 18265175; 182Q s/n ALL; 182R s/n ALL; F182P s/n ALL; F182Q s/n ALL; FR182 s/n ALL; R182 s/n ALL; T182 s/n ALL; TR182 s/n ALL; A185E s/n 185-0691 thru 18502090; A185F s/n 185-0691 thru 18502310; A185F s/n 18502311 thru 18504448; 188B s/n ALL; A188B s/n 18800833 thru 18802348; A188B s/n 18802349 thru 18803973; A188B (w/ large hopper) s/n 18802349T thru 18803973T; T188C s/n ALL; P206E s/n ALL; TP206E s/n ALL; TU206E s/n ALL; TU206F s/n U20601701 thru U20602199; TU206G s/n U20606440 thru U20607020; U206E s/n ALL; U206F s/n U20601701 thru U20602199; U206G s/n U20606440 thru U20607020; 207 s/n 20700149 thru 20700362; 207A s/n 20700149 thru 20700788; T207 s/n 20700149 thru 20700362; T207A s/n 20700149 thru 20700788; 210K s/n ALL; 210L s/n ALL; 210M s/n ALL; 210N s/n 21062955 thru 21064135; 210N s/n 21064136 thru 21064897; 210R s/n ALL; P210N s/n ALL; P210R s/n ALL; T210K s/n ALL; T210L s/n ALL; T210M s/n ALL; T210N s/n 21062955 thru 21064135; T210N s/n 21064136 thru 21064897; T210R s/n ALL; 337E s/n ALL; 337F s/n ALL; 337G s/n 33701551 thru 33701815; 337H s/n 33701816 thru 33701922; 337H s/n 33701928 thru 33701950; F337E s/n ALL; F337F s/n ALL; F337G s/n F33700064 thru F3370084; F337H s/n F3370085 thru F3370086; FT337GP (FP337) s/n FP3370009 thru FP3370022; FT337HP (FP337H) s/n ALL; P337H s/n ALL; T337G s/n 337-0149 thru P3370292; T337H s/n 33701816 thru 33701922; T337H s/n 33701928 thru 33701950 |

-----END OF DATA-----

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

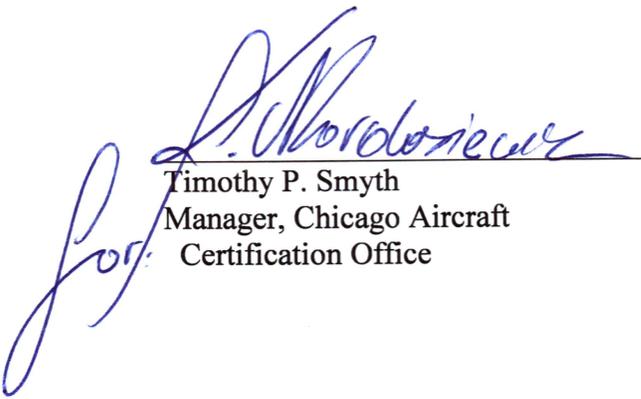
McFarlane Aviation Inc.
696 E 1700 Road
Baldwin City, KS 66006

PMA No.: PQ3732CE
Supplement No.: 88
Date: June 28th, 2016

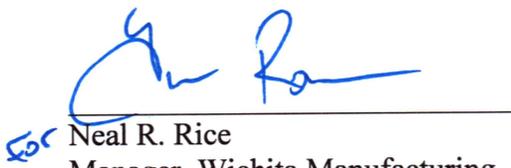
GENERAL NOTES:

Provide minor design changes in a manner as determined by the ACO. Process major design changes to drawings and specifications in the same manner as that for an original FAA-PMA.

The FAA accepted the ICA approach for the above articles with their designs. These ICA may refer to those of the respective articles from the holders of type certificates. Otherwise, provide supplementary ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR § 21.50.



Timothy P. Smyth
Manager, Chicago Aircraft
Certification Office



Neal R. Rice
Manager, Wichita Manufacturing
Inspection District Office