U.S. Department
of Transportation
Federal Aviation
Administration

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

March 18, 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 April 9, 2015, 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 $\S 21.307$ 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. 83.

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. 83. The enclosed supplement should be retained with the original PMA letter as evidence of approval to produce the articles concerned.


Sor Neal R. Rice<br>Manager, Wichita Manufacturing<br>Inspection District Office

Enclosure: PMA Listing-Supplement No. 83
cc: AIR-112

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

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

PMA No. PQ3732CE
Supplement No. 83
Date: March 18, 2016

| Article Name | Article Number | Approved Replacement For Article Number | Approval Basis and Approved Design Data | Make/TCH Eligibility | Model/Series Eligibility |
| :---: | :---: | :---: | :---: | :---: | :---: |
| CABLE | MC2660001-100 | 2660001-100 | Test and Computations per <br> 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | $208 \mathrm{~s} / \mathrm{n} \mathrm{All}$; <br> 208B s/n All |
| CABLE | MC2660001-101 | 2660001-101 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: $12 / 16 / 2015$ or later <br> FAA-approved revisions | CESSNA | $208 \mathrm{~s} / \mathrm{n}$ All |
| CABLE | MC2660001-102 | 2660001-102 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: $12 / 16 / 2015$ or later <br> FAA-approved revisions | CESSNA | $\begin{aligned} & 208 \mathrm{~s} / n \mathrm{All} ; \\ & 208 \mathrm{~B} / \mathrm{n} \text { All } \end{aligned}$ |
| CABLE | MC2660001-103 | 2660001-103 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: $12 / 16 / 2015$ or later <br> FAA-approved revisions | CESSNA | $208 \mathrm{~s} / \mathrm{n}$ All |
| CABLE | MC2660001-104 | 2660001-104 | Test and Computations per <br> 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | $208 \mathrm{~s} / \mathrm{n}$ All; <br> 208B s/n <br> 208B0001 thru <br> 208B2012; <br> 208B2036, <br> 208B2048 and On |
| CABLE | MC2660001-105 | 2660001-105 | Test and Computations per <br> 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | 208B s/n All |

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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 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| CABLE | MC2660001-106 | 2660001-106 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: $12 / 16 / 2015$ or later <br> FAA-approved revisions | CESSNA | 208 s/n All |
| CABLE | MC2660001-107 | 2660001-107 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | $\begin{aligned} & 208 \mathrm{~s} / \mathrm{n} \text { All; } \\ & 208 \mathrm{~B} / \mathrm{n} \text { All } \end{aligned}$ |
| CABLE | MC2660001-108 | 2660001-108 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | 208 s/n All |
| CABLE | MC2660001-109 | 2660001-109 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | $\begin{aligned} & 208 \mathrm{~s} / \mathrm{n} \text { All; } \\ & 208 \mathrm{~B} / \mathrm{n} \text { All } \end{aligned}$ |
| CABLE | MC2660001-110 | 2660001-110 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | 208 s/n All; <br> 208B s/n All |
| CABLE | MC2660001-112 | 2660001-112 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | $\begin{aligned} & 208 \mathrm{~s} / n \text { All; } \\ & 208 \mathrm{~B} / \mathrm{n} \text { All } \end{aligned}$ |
| CABLE | MC2660001-114 | 2660001-114 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | $\begin{aligned} & 208 \text { s/n All; } \\ & \text { 208B s/n All } \end{aligned}$ |
| CABLE | MC2660001-118 | 2660001-118 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | 208 s/n All |


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| :---: | :---: | :---: | :---: | :---: | :---: |
| CABLE | MC2660001-119 | 2660001-119 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later FAA-approved revisions | CESSNA | 208 s/n All |
| CABLE | MC2660001-122 | 2660001-122 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later FAA-approved revisions | CESSNA | $\begin{aligned} & 208 \mathrm{~s} / \mathrm{n} \text { All; } \\ & 208 \mathrm{~B} / \mathrm{n} \mathrm{All} \end{aligned}$ |
| CABLE | MC2660001-123 | 2660001-123 | Test and Computations per 14 CFR § 21.303 <br> Drawing: 6777 <br> Rev: C <br> Date: $12 / 16 / 2015$ or later FAA-approved revisions | CESSNA | $\begin{aligned} & 208 \mathrm{~s} / \mathrm{n} \mathrm{All;} \\ & 208 \mathrm{~B} / \mathrm{n} \mathrm{All} \end{aligned}$ |
| CABLE | MC2660001-124 | 2660001-124 | Test and Computations per 14 CFR § 21.303, Drawing: 6777 Rev: C Date: 12/16/2015 or later FAA-approved revisions | CESSNA | $\begin{aligned} & 208 \text { s/n All; } \\ & 208 \mathrm{~B} / \mathrm{n} \mathrm{All} \end{aligned}$ |
| CABLE | MC2660001-125 | 2660001-125 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | $\begin{aligned} & 208 \mathrm{~s} / \mathrm{n} \text { All; } \\ & \text { 208B } \mathrm{s} / \mathrm{n} \text { All } \end{aligned}$ |
| CABLE | MC2660001-126 | 2660001-126 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | $\begin{aligned} & 208 \mathrm{~s} / \mathrm{n} \text { All; } \\ & 208 \mathrm{~B} / \mathrm{n} \text { All } \end{aligned}$ |
| CABLE | MC2660001-147 | 2660001-147 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | 208B s/n All |
| CABLE | MC2660001-148 | 2660001-148 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | 208B s/n All |


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| :---: | :---: | :---: | :---: | :---: | :---: |
| CABLE | MC2660001-149 | 2660001-149 | Test and Computations per 14 CFR § 21.303, Drawing:6777 <br> Rev: C Date: 12/16/2015 or later FAA-approved revisions | CESSNA | 208B s/n All |
| CABLE | MC2660001-150 | 2660001-150 | Test and Computations per 14 CFR § 21.303, Drawing: 6777 Rev: C Date: $12 / 16 / 2015$ or later FAA-approved revisions | CESSNA | 208B s/n All |
| CABLE | MC2660001-151 | 2660001-151 | Test and Computations per 14 CFR § 21.303, Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later FAA-approved revisions | CESSNA | 208B s/n All |
| CABLE | MC2660001-152 | 2660001-152 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | 208B s/n All |
| CABLE | MC2660001-153 | 2660001-153 | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | $208 B$ s/n All |
| CABLE | MC2660001-154 | 2660001-154 | Test and Computations per 14 CFR § 21.303 <br> Drawing: 6777 <br> Rev: C <br> Date: $12 / 16 / 2015$ or later <br> FAA-approved revisions | CESSNA | 208B s/n All |
| CABLE | MC2660001-155 | $\begin{aligned} & \text { 2660001-111, } \\ & 2660001-136, \\ & 2660001-155 \end{aligned}$ | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | 208 s/n All |
| CABLE | MC2660001-156 | $\begin{aligned} & \text { 2660001-113, } \\ & 2660001-138 \\ & 2660001-156 \end{aligned}$ | Test and Computations per 14 CFR § 21.303, <br> Drawing: 6777 <br> Rev: C <br> Date: 12/16/2015 or later <br> FAA-approved revisions | CESSNA | $208 \mathrm{~s} / \mathrm{n}$ All |


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| :---: | :---: | :---: | :---: | :---: | :---: |
| CABLE | MC2660001-157 | $\begin{aligned} & \text { 2660001-116 } \\ & 2660001-157 \end{aligned}$ | Test and Computations per 14 CFR § 21.303, Drawing: 6777 <br> Rev: C Date: 12/16/2015 or later FAA-approved revisions | CESSNA | $\begin{aligned} & 208 \mathrm{~s} / \mathrm{n} \\ & 20800082 \text { and } \\ & \text { On; 208B s/n All } \end{aligned}$ |

End of Data

## 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 supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.


