



FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

McFarlane Aviation, LLC
696 E. 1700 Rd
Baldwin City, KS 66006

PMA No. PQ3732CE
Supplement No. 220
Date 9/10/2025

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Fuel Level Sender	MC9812-0001-101	PS50149-2, PAC40648-2, 40648-2, 550-695, 6427512	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 9812-0001 <u>Rev:</u> C <u>Date:</u> 01/13/2015 or later FAA-approved revision	Piper Aircraft Inc.	PA-31-300, PA-31-325, PA-31-350
Fuel Level Sender	MC9812-0002-101	PS50149-3, PAC40648-3, 40648-3, 550-696, 6427511	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 9812-0002 <u>Rev:</u> C <u>Date:</u> 01/13/2015 or later FAA-approved revision	Piper Aircraft Inc.	PA-31-300, PA-31-325, PA-31-350
Fuel Level Sender	MC9812-0003-101	PS50149-4, PAC40648-4, 40648-4, 550-697, 6427514	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 9812-0003 <u>Rev:</u> C <u>Date:</u> 01/08/2015 or later FAA-approved revision	Piper Aircraft Inc.	PA-31-300, PA-31-325, PA-31-350
Fuel Level Sender	MC9812-0004-101	PS50149-5, PAC40648-5, 40648-5, 550-698, 6427513	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 9812-0004 <u>Rev:</u> C <u>Date:</u> 01/08/2015 or later FAA-approved revision	Piper Aircraft Inc.	PA-31-300, PA-31-325, PA-31-350
Fuel Level Sender	MC9812-0023-101	PS10013-5, 550-503, 7740-00040	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 9812-0023 <u>Rev:</u> B <u>Date:</u> 10/17/2016 or later FAA-approved revision	Piper Aircraft Inc.	PA-28R-201, PA-28R-201T, PA-34-200T, PA-34-220T
Fuel Level Sender	MC9812-0024-101	PS10013-6, 550-504, 7740-00041	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 9812-0024 <u>Rev:</u> B <u>Date:</u> 10/17/2016 or later FAA-approved revision	Piper Aircraft Inc.	PA-28R-201, PA-28RT-201, PA-28RT-201T , PA-34-200T

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Fuel Level Sender	MC9812-0025-101	PAC86688-002, 548-218, 7740-00164	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 9812-0025 <u>Rev:</u> B <u>Date:</u> 10/17/2016 or later FAA-approved revision	Piper Aircraft Inc.	PA-44-180
Fuel Level Sender	MC9812-0026-101	PS10013-11, 548-671, 7740-00309	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 9812-0026 <u>Rev:</u> B <u>Date:</u> 10/17/2016 or later FAA-approved revision	Piper Aircraft Inc.	PA-28-161, PA-28-181

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Fuel Level Sender	MC9812-0028-101	7740-00304	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 9812-0028 <u>Rev:</u> B <u>Date:</u> 10/17/2016 or later FAA-approved revision	Maule Aerospace Technology	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-180V, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, M-7-235A, M-7-235B, M-7-235C, M-7-260, M-7-260C, M-7-420A, M-7-420AC, MT-7-235, MT-7-260, MT-7-420, MX-7-160, MX-7-160C, MX-7-180, MX-7-180A, MX-7-180AC, MX-7-180B, MX-7-180C, MX-7-235, MX-7-420, MXT-7-160, MXT-7-180, MXT-7-180A, M-8-235, M-9-235

-----End of Listing-----

GENERAL NOTES:

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

The FAA accepted the instructions for continued airworthiness (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.

 Digitally signed by
DOUGLAS A HUNTSMAN
Date: 2025.09.15 13:54:36
-05'00'

for Paul Nguyen
Manager, Central Certification Branch
Compliance and Airworthiness Division
Aircraft Certification Service

SEAN P MCMAHON  Digitally signed by SEAN
P MCMAHON
Date: 2025.09.22
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for Neal Rice
Manager, Wichita Certificate Management
Section
Central Certificate Management Branch
System Oversight Division
Aircraft Certification Service