



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

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No. PQ3732CE
Supplement No. 219
Date 9/2/2025

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Tach Cable	MCS1363-2	0450017-21, S1363-2	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 7865 <u>Rev:</u> ~ (Original) <u>Date:</u> 3/8/2024 or later FAA-approved revisions	Textron Aviation Inc.	172B, 172C, 172D, F172D, 182E, 182F, 182G, 210, 210A
Tach Cable	MCS2550-10	S1605-10, S2550-10	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 7865 <u>Rev:</u> ~ (Original) <u>Date:</u> 3/8/2024 or later FAA-approved revisions	Textron Aviation Inc.	172M s/n 17265685 thru 17267584, 172N, 172P, 172Q, F172M s/n F17201385 thru F17201514, F172N, F172P

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Tach Cable	MCS2550-12	S1605-12, S1605-4, S2550-12	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 7865 <u>Rev:</u> ~ (Original) <u>Date:</u> 3/8/2024 or later FAA-approved revisions	Textron Aviation Inc.	152, A152 s/n A1520735 thru A1521049, F152, FA152, FR172E, FR172F, FR172G, FR172H, FR172J, FR172K, R172E (T-41B,C,D), R172F (T-41D), R172G (T-41C,D), R172H (T-41D), R172K, 177
Tach Cable	MCS2550-13	0450017-10, 0450017-19, S2550-13	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 7865 <u>Rev:</u> ~ (Original) <u>Date:</u> 3/8/2024 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26028 thru 27169, 172, 172A, 180B, 180C, 182B, 182C
Tach Cable	MCS2550-15	S2550-15, S2550-16	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 7865 <u>Rev:</u> ~ (Original) <u>Date:</u> 3/8/2024 or later FAA-approved revisions	Textron Aviation Inc.	172R, 172S, 182S s/n 18280004 thru 18280944, 182T, T182T
Tach Cable	MCS2550-18	S2550-18	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 7865 <u>Rev:</u> ~ (Original) <u>Date:</u> 3/8/2024 or later FAA-approved revisions	Textron Aviation Inc.	206H, T206H

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Tach Cable	MCS2550-2	0450017-15, S1605-2, S2550-2	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 7865 <u>Rev:</u> ~ (Original) <u>Date:</u> 3/8/2024 or later FAA-approved revisions	Textron Aviation Inc.	175 s/n 55001 thru 56194, 177A, 177B, 177RG, F177RG, 182H, 182J, 182K, 182L, 182M, 182N, 182P s/n 18260826 thru 18265175, 182Q, 182R, F182Q, FR182, R182, T182, TR182

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Tach Cable	MCS2550-3	0450017-11, 0450017-20, S1605-3, S2550-3	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 7865 <u>Rev:</u> ~ (Original) <u>Date:</u> 3/8/2024 or later FAA-approved revisions	Textron Aviation Inc.	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, F150F, F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, FA150M, 172E, 172F (T-41A), 172G, 172H (T-41A), 172RG, F172E, F172F, F172G, F172H s/n F172-0320 thru F172-0559, 180 s/n 30266 thru 32661, 180A, 180F, 180G, 180H, 180J, 182, 182A, 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F s/n 18502091 thru 18503153

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Tach Cable	MCS2550-3	0450017-11, 0450017-20, S1605-3, S2550-3	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 7865 <u>Rev:</u> ~ (Original) <u>Date:</u> 3/8/2024 or later FAA-approved revisions	Textron Aviation Inc.	except 18502300, 210-5 (205), 210-5A (205A), 210B, 210C, 210D

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Tach Cable	MCS2550-8	S1605-6, S1605-8, S2550-8	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 7865 <u>Rev:</u> ~ (Original) <u>Date:</u> 3/8/2024 or later FAA-approved revisions	Textron Aviation Inc.	172I, 172K, 172L, 172M s/n 17260759 thru 17265684 except 17261445, 17261578, F172H s/n F172-0560 thru F17200754, F172K, F172L, F172M s/n F17200905 thru F17201384, P206A s/n P206-0208 thru P206-0306, P206B, P206C, P206D, P206E, TP206A s/n P206-0208 thru P206-0306, TP206B, TP206C, TP206D, TP206E, TU206A s/n U206-0507 thru U206-0656, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, U206A s/n U206-0507

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Tach Cable	MCS2550-8	S1605-6, S1605-8, S2550-8	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 7865 <u>Rev:</u> ~ (Original) <u>Date:</u> 3/8/2024 or later FAA-approved revisions	Textron Aviation Inc.	thru U206-0656, U206B, U206C, U206D, U206E, U206F, U206G, 210G, 210H, 210J, 210K, 210L, 210M, 210N, 210R, P210N, P210R, T210G, T210H, T210J, T210K, T210L, T210M, T210N, T210R
Tach Cable	MCS2550-9	S1605-9, S2550-9	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 7865 <u>Rev:</u> ~ (Original) <u>Date:</u> 3/8/2024 or later FAA-approved revisions	Textron Aviation Inc.	207, 207A, T207, T207A

-----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.


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DOUGLAS A
HUNTSMAN
Date: 2025.09.12
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for Paul (Vu) Nguyen
Manager, Central Certification Branch
Compliance and Airworthiness Division
Aircraft Certification Service

**SEAN P
MCMAHON**
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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