



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

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No. PQ3732CE
Supplement No. 207
Date Jul 18, 2024

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
QUAD RING, Nose Strut Seal	1100	MS28775-329, AN6227B32	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 6681 <u>Rev:</u> J <u>Date:</u> 5/20/2021 or later FAA-approved revisions	Textron Aviation Inc.	R172E (USAF T-41B) (USAF T-41C or D), R172F (USAF T-41D), R172G (USAF T-41C or D), R172H (USAF T-41D), 182, 182A, 182B, 182C, 182D, 210, 210A, 210G, 210H, T210G, T210H, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K, 310L, 310N, E310H, E310J, 320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F, 336, 411, 411A

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
LOCK RING	MC084120 0-19	0841200-19	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 6681 <u>Rev:</u> J <u>Date:</u> 5/20/2021 or later FAA-approved revisions	Textron Aviation Inc.	R172E (USAF T-41B) (USAF T-41C or D), R172F (USAF T-41D), R172G (USAF T-41C or D), R172H (USAF T-41D), 210G, 210H, T210G, T210H, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K, E310H, E310J, 401, 401A, 401B, 402, 402A, 402B, 411, 411A, 414, 414A, 421, 421A, 421B

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
LOCK RING, Nose Strut	MC084120 0-25	0841200-25	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 6681 <u>Rev:</u> J <u>Date:</u> 5/20/2021 or later FAA-approved revisions	Textron Aviation Inc.	R172E (USAF T-41B) (USAF T-41C or D), R172F (USAF T-41D), R172G (USAF T-41C or D), R172H (USAF T-41D), 210G, 210H, T210G, T210H, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K, E310H, E310J, 401, 401A, 401B, 402, 402A, 402B, 411, 411A, 414, 414A, 421, 421A, 421B
RING, Backup, Nose Strut	MCS1628-329	S1628-329	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 6681 <u>Rev:</u> J <u>Date:</u> 5/20/2021 or later FAA-approved revisions	Textron Aviation Inc.	210G, 210H, T210G, T210H

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SCRAPER RING	MCS2418-1	S11065-21, S2418-1	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 6681 <u>Rev:</u> J <u>Date:</u> 5/20/2021 or later FAA-approved revisions	Textron Aviation Inc.	R172E (USAF T-41B) (USAF T-41C or D), R172F (USAF T-41D), R172G (USAF T-41C or D), R172H (USAF T-41D), 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K, E310H, E310J, 411, 411A
NOSE STRUT SEAL KIT	MCSK172-1F	SK172-1F	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 6681 <u>Rev:</u> J <u>Date:</u> 5/20/2021 or later FAA-approved revisions	Textron Aviation Inc.	R172E (USAF T-41B) (USAF T-41C or D), R172F (USAF T-41D), R172G (USAF T-41C or D), R172H (USAF T-41D), 210H

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NOSE STRUT SEAL KIT	MCSK172-2	Modification Article	Test and Computations per 14 CFR 21.303 <u>DWG No:</u> 6681 <u>Rev:</u> J <u>Date:</u> 5/20/2021 or later FAA-approved revisions	Textron Aviation Inc.	182, 182A, 182B, 182C, 182D, 210, 210A, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K, 310L, 310N, E310H, E310J, 320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F, 336

-----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.

STEVEN L LARDINOIS
Digitally signed by STEVEN L LARDINOIS
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for Paul (Vu) Nguyen
Manager, Central Certification Branch
Compliance and Airworthiness Division
Aircraft Certification Service

JANICE M HAWLEY
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for Neal R. Rice
Manager, Wichita Certificate Management
Section
Central Certificate Management Branch
System Oversight Division
Aircraft Certification Service