



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.: 151 Rev. 1
 Date: June 23, 2020

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Hinge	MC0411579-4	0411579-4	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B s/n 20267 thru 26995
Hinge Half	MC0511106-14	0511106-14	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B s/n 20267 thru 26995
Hinge Half	MC0511106-15	0511106-15	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B s/n 20267 thru 26995
Hinge Half	MC0511106-18	0511106-18	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B s/n 20267 thru 26995
Hinge Half	MC0511106-18B	0511106-18	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B s/n 20267 thru 26995
Hinge Half	MC0511106-19	0511106-19	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B s/n 20267 thru 26995
Hinge Half	MC0511106-19B	0511106-19	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B s/n 20267 thru 26995

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Hinge	MC0511106-106	0511106-106	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B s/n 20267 thru 26995
Hinge	MC0511106-106B	0511106-106	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B s/n 20267 thru 26995
Hinge	MC0511106-107	0511106-107	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B s/n 20267 thru 26995
Hinge	MC0511106-107B	0511106-107	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B s/n 20267 thru 26995
Hinge	MC0511280-3	0511280-3	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge	MC0511280-4	0511280-4	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge	MC0511280-5	0511280-1, 0511280-5	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge	MC0511280-5B	0511280-1, 0511280-5	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on

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Hinge	MC0511280-6	0511280-2, 0511280-6	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge	MC0511280-6B	0511280-2, 0511280-6	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half	MC0511237-1	0511237-1	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half	MC0511237-1S	0511237-1	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half	MC0511237-2	0511237-2	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half	MC0511237-2S	0511237-2	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half Plate	MC0511238-3	0511238-3	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half Plate	MC0511238-4	0511238-4	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on

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Hinge Half	MC0511238-7	0511238-7	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half	MC0511238-7B	0511238-7	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half	MC0511238-8	0511238-8	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half	MC0511238-8B	0511238-8	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half Stiffener	MC0511238-9	0511238-5, 0511238-9	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half Stiffener	MC0511238-9B	0511238-5, 0511238-9	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half Stiffener	MC0511238-10	0511238-6, 0511238-10	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half Stiffener	MC0511238-10B	0511238-6, 0511238-10	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on

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Hinge Half	MC0511239-1	0511239-1	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half	MC0511239-2	0511239-2	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half	MC0511239-3	0511239-3	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Hinge Half	MC0511239-4	0511239-4	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170B s/n 26995 and on
Pin	7205-1.63D	0711001-59, NAS41-2-1.625	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B
Pin	7205-1.63U	0711001-59, NAS41-2-1.625	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B
Pin	7205-2.00D	0411579-3, 0517019-12, NAS41-2-2, NAS41-2-2.000	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7142 <u>Rev:</u> ~ <u>Date:</u> 10/28/2019 or later FAA-approved revisions	Textron Aviation Inc.	170, 170A, 170B

-----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

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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.

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for Timothy P. Smyth
Manager, Chicago ACO Branch
Compliance & Airworthiness Division

Neal R. Rice
Manager, Wichita MIDO Section
System Oversight Division