



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.: 149
 Date: May 5, 2020

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Actuator Assembly	MC1260074-1	1260074-1, 1260074-2, 1260074-2AGW, 0310293, 0310293-2, 0310293-10, 0310293-11, 0310293-12, 0310293-13, 0310293-14	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7117 <u>Rev:</u> C <u>Date:</u> 08/21/2019 or later FAA-approved revisions	Textron Aviation Inc.	F150F, F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, FA150M, FRA150L, FRA150M, F152, FA152, F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172, FR172E, FR172F, FR172G, FR172H, FR172J, FR172K, 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, A152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (T-41A), 172G, 172H (T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 172RG, P172D, R172E (T-41B,C,D), R172F (T-41D), R172G (T-41C,D), R172H (T-41D), R172K, 175, 175A, 175B, 175C, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, F182P, F182Q, FR182, R182, T182, T182T, TR182, 188, 188A, 188B, A188, A188A, A188B, A188B (w/Large Hopper), T188C, 190, 195 (LC126A,B,C), 195A, 195B, 205 (210-5), 205A (210-5A), 206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, 207 s/n 20700001 thru 20700227, T207 s/n 20700001 thru 20700227, 210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L s/n 21059503 thru 21060089, T210F, T210G, T210H, T210J, T210K, T210L s/n 21059503 thru 21060089, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K s/n 310K0001 and 310K0046 thru 310K0245, 310P, 310Q, 310R s/n 310R0001 thru 310R1500, E310H, E310J, T310P, T310Q, T310R s/n 310R0001 thru 310R1500, 320, 320-1, 320A, 320B, 320C, 320D, 320E s/n 320E0001, 411, 411A
Collar	MC0310295	0310295, 0310295-0	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7117 <u>Rev:</u> C <u>Date:</u> 08/21/2019 or later FAA-approved revisions	Textron Aviation Inc.	F150F, F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, FA150M, FRA150L, FRA150M, F152, FA152, F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172, FR172E, FR172F, FR172G, FR172H, FR172J, FR172K, 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, A152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (T-41A), 172G,

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 149
Date: May 5, 2020

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					172H (T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 172RG, P172D, R172E (T-41B,C,D), R172F (T-41D), R172G (T-41C,D), R172H (T-41D), R172K, 175, 175A, 175B, 175C, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, F182P, F182Q, FR182, R182, T182, T182T, TR182, 188, 188A, 188B, A188, A188A, A188B, A188B (w/Large Hopper), T188C, 190, 195 (LC126A,B,C), 195A, 195B, 205 (210-5), 205A (210-5A), 206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, 207 s/n 20700001 thru 20700227, T207 s/n 20700001 thru 20700227, 210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L s/n 21059503 thru 21060089, T210F, T210G, T210H, T210J, T210K, T210L s/n 21059503 thru 21060089, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K s/n 310K0001 and 310K0046 thru 310K0245, 310P, 310Q, 310R s/n 310R0001 thru 310R1500, E310H, E310J, T310P, T310Q, T310R s/n 310R0001 thru 310R1500, 320, 320-1, 320A, 320B, 320C, 320D, 320E s/n 320E0001, 411, 411A
Housing	MC0310296	0310296	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7117 <u>Rev:</u> C <u>Date:</u> 08/21/2019 or later FAA-approved revisions	Textron Aviation Inc.	F150F, F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, FA150M, FRA150L, FRA150M, F152, FA152, F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172, FR172E, FR172F, FR172G, FR172H, FR172J, FR172K, 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, A152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (T-41A), 172G, 172H (T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 172RG, P172D, R172E (T-41B,C,D), R172F (T-41D), R172G (T-41C,D), R172H (T-41D), R172K, 175, 175A, 175B, 175C, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, F182P, F182Q, FR182, R182, T182, T182T, TR182, 188, 188A, 188B, A188, A188A, A188B, A188B (w/Large Hopper), T188C, 190, 195 (LC126A,B,C), 195A, 195B, 205 (210-5), 205A (210-5A), 206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, 207 s/n 20700001 thru 20700227, T207 s/n 20700001 thru 20700227, 210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J,

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 149
Date: May 5, 2020

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					210K, 210L s/n 21059503 thru 21060089, T210F, T210G, T210H, T210J, T210K, T210L s/n 21059503 thru 21060089, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K s/n 310K0001 and 310K0046 thru 310K0245, 310P, 310Q, 310R s/n 310R0001 thru 310R1500, E310H, E310J, T310P, T310Q, T310R s/n 310R0001 thru 310R1500, 320, 320-1, 320A, 320B, 320C, 320D, 320E s/n 320E0001, 411, 411A
Bearing	MC0310297-1	0310297-1	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7117 <u>Rev:</u> C <u>Date:</u> 08/21/2019 or later FAA-approved revisions	Textron Aviation Inc.	F150F, F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, FA150M, FRA150L, FRA150M, F152, FA152, F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172, FR172E, FR172F, FR172G, FR172H, FR172J, FR172K, 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, A152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (T-41A), 172G, 172H (T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 172RG, P172D, R172E (T-41B,C,D), R172F (T-41D), R172G (T-41C,D), R172H (T-41D), R172K, 175, 175A, 175B, 175C, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, F182P, F182Q, FR182, R182, T182, T182T, TR182, 188, 188A, 188B, A188, A188A, A188B, A188B (w/Large Hopper), T188C, 190, 195 (LC126A,B,C), 195A, 195B, 205 (210-5), 205A (210-5A), 206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, 207 s/n 20700001 thru 20700227, T207 s/n 20700001 thru 20700227, 210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L s/n 21059503 thru 21060089, T210F, T210G, T210H, T210J, T210K, T210L s/n 21059503 thru 21060089, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K s/n 310K0001 and 310K0046 thru 310K0245, 310P, 310Q, 310R s/n 310R0001 thru 310R1500, E310H, E310J, T310P, T310Q, T310R s/n 310R0001 thru 310R1500, 320, 320-1, 320A, 320B, 320C, 320D, 320E s/n 320E0001, 411, 411A

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 149
Date: May 5, 2020

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Bearing	MC0310298-1	0310298-1	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7117 <u>Rev:</u> C <u>Date:</u> 08/21/2019 or later FAA-approved revisions	Textron Aviation Inc.	F150F, F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, FA150M, FRA150L, FRA150M, F152, FA152, F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172, FR172E, FR172F, FR172G, FR172H, FR172J, FR172K, 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, A152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (T-41A), 172G, 172H (T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 172RG, P172D, R172E (T-41B,C,D), R172F (T-41D), R172G (T-41C,D), R172H (T-41D), R172K, 175, 175A, 175B, 175C, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, F182P, F182Q, FR182, R182, T182, T182T, TR182, 188, 188A, 188B, A188, A188A, A188B, A188B (w/Large Hopper), T188C, 190, 195 (LC126A,B,C), 195A, 195B, 205 (210-5), 205A (210-5A), 206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, 207 s/n 20700001 thru 20700227, T207 s/n 20700001 thru 20700227, 210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L s/n 21059503 thru 21060089, T210F, T210G, T210H, T210J, T210K, T210L s/n 21059503 thru 21060089, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K s/n 310K0001 and 310K0046 thru 310K0245, 310P, 310Q, 310R s/n 310R0001 thru 310R1500, E310H, E310J, T310P, T310Q, T310R s/n 310R0001 thru 310R1500, 320, 320-1, 320A, 320B, 320C, 320D, 320E s/n 320E0001, 411, 411A
Sprocket	MC0310332	0310332, 0310332-0	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7117 <u>Rev:</u> C <u>Date:</u> 08/21/2019 or later FAA-approved revisions	Textron Aviation Inc.	F150F, F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, FA150M, FRA150L, FRA150M, F152, FA152, F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172, FR172E, FR172F, FR172G, FR172H, FR172J, FR172K, 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, A152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (T-41A), 172G, 172H (T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 172RG, P172D, R172E (T-41B,C,D), R172F (T-41D), R172G (T-41C,D), R172H (T-41D), R172K, 175, 175A, 175B, 175C, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, F182P, F182Q, FR182, R182, T182, T182T, TR182, 188, 188A, 188B, A188, A188A, A188B,

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 149
Date: May 5, 2020

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					A188B (w/Large Hopper), T188C, 190, 195 (LC126A,B,C), 195A, 195B, 205 (210-5), 205A (210-5A), 206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, 207 s/n 20700001 thru 20700227, T207 s/n 20700001 thru 20700227, 210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L s/n 21059503 thru 21060089, T210F, T210G, T210H, T210J, T210K, T210L s/n 21059503 thru 21060089, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K s/n 310K0001 and 310K0046 thru 310K0245, 310P, 310Q, 310R s/n 310R0001 thru 310R1500, E310H, E310J, T310P, T310Q, T310R s/n 310R0001 thru 310R1500, 320, 320-1, 320A, 320B, 320C, 320D, 320E s/n 320E0001, 411, 411A
Screw Subassembly	7408	MC1260049-1, MC0310362-5	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7117 <u>Rev:</u> C <u>Date:</u> 08/21/2019 or later FAA-approved revisions	Textron Aviation Inc.	F150F, F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, FA150M, FRA150L, FRA150M, F152, FA152, F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172, FR172E, FR172F, FR172G, FR172H, FR172J, FR172K, 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, A152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (T-41A), 172G, 172H (T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 172RG, P172D, R172E (T-41B,C,D), R172F (T-41D), R172G (T-41C,D), R172H (T-41D), R172K, 175, 175A, 175B, 175C, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, F182P, F182Q, FR182, R182, T182, T182T, TR182, 188, 188A, 188B, A188, A188A, A188B, A188B (w/Large Hopper), T188C, 190, 195 (LC126A,B,C), 195A, 195B, 205 (210-5), 205A (210-5A), 206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, 207 s/n 20700001 thru 20700227, T207 s/n 20700001 thru 20700227, 210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L s/n 21059503 thru 21060089, T210F, T210G, T210H, T210J, T210K, T210L s/n 21059503 thru 21060089, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K s/n 310K0001 and 310K0046 thru 310K0245, 310P, 310Q, 310R s/n 310R0001 thru 310R1500, E310H, E310J, T310P, T310Q, T310R s/n 310R0001 thru 310R1500, 320, 320-1,

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 149
Date: May 5, 2020

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Screw	MC0310362-5	0310362-5	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7117 <u>Rev:</u> C <u>Date:</u> 08/21/2019 or later FAA-approved revisions	Textron Aviation Inc.	320A, 320B, 320C, 320D, 320E s/n 320E0001, 411, 411A F150F, F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, FA150M, FRA150L, FRA150M, F152, FA152, F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172, FR172E, FR172F, FR172G, FR172H, FR172J, FR172K, 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, A152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (T-41A), 172G, 172H (T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 172RG, P172D, R172E (T-41B,C,D), R172F (T-41D), R172G (T-41C,D), R172H (T-41D), R172K, 175, 175A, 175B, 175C, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, F182P, F182Q, FR182, R182, T182, T182T, TR182, 188, 188A, 188B, A188, A188A, A188B, A188B (w/Large Hopper), T188C, 190, 195 (LC126A,B,C), 195A, 195B, 205 (210-5), 205A (210-5A), 206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, 207 s/n 20700001 thru 20700227, T207 s/n 20700001 thru 20700227, 210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L s/n 21059503 thru 21060089, T210F, T210G, T210H, T210J, T210K, T210L s/n 21059503 thru 21060089, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K s/n 310K0001 and 310K0046 thru 310K0245, 310P, 310Q, 310R s/n 310R0001 thru 310R1500, E310H, E310J, T310P, T310Q, T310R s/n 310R0001 thru 310R1500, 320, 320-1, 320A, 320B, 320C, 320D, 320E s/n 320E0001, 411, 411A
Screw	MC1260049-1	1260049-1	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7117 <u>Rev:</u> C <u>Date:</u> 08/21/2019 or later FAA-approved revisions	Textron Aviation Inc.	F150F, F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, FA150M, FRA150L, FRA150M, F152, FA152, F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172, FR172E, FR172F, FR172G, FR172H, FR172J, FR172K, 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, A152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (T-41A), 172G, 172H (T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 172RG, P172D, R172E (T-41B,C,D), R172F (T-41D), R172G (T-41C,D), R172H (T-41D), R172K, 175, 175A, 175B, 175C, 182E, 182F, 182G, 182H, 182J, 182K, 182L,

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 149
Date: May 5, 2020

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					182M, 182N, 182P, 182Q, 182R, 182S, 182T, F182P, F182Q, FR182, R182, T182, T182T, TR182, 188, 188A, 188B, A188, A188A, A188B, A188B (w/Large Hopper), T188C, 190, 195 (LC126A,B,C), 195A, 195B, 205 (210-5), 205A (210-5A), 206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, 207 s/n 20700001 thru 20700227, T207 s/n 20700001 thru 20700227, 210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L s/n 21059503 thru 21060089, T210F, T210G, T210H, T210J, T210K, T210L s/n 21059503 thru 21060089, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K s/n 310K0001 and 310K0046 thru 310K0245, 310P, 310Q, 310R s/n 310R0001 thru 310R1500, E310H, E310J, T310P, T310Q, T310R s/n 310R0001 thru 310R1500, 320, 320-1, 320A, 320B, 320C, 320D, 320E s/n 320E0001, 411, 411A
Guard	MC0310422-1	0310422-1	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7117 <u>Rev:</u> C <u>Date:</u> 08/21/2019 or later FAA-approved revisions	Textron Aviation Inc.	F150F, F150G, F150H, F150J, F150K, F150L, F150M, FA150K, FA150L, FA150M, FRA150L, FRA150M, F152, FA152, F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, FP172, FR172E, FR172F, FR172G, FR172H, FR172J, FR172K, 120, 140, 140A, 150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, 150L, 150M, A150K, A150L, A150M, 152, A152, 170, 170A, 170B, 172, 172A, 172B, 172C, 172D, 172E, 172F (T-41A), 172G, 172H (T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, 172RG, P172D, R172E (T-41B,C,D), R172F (T-41D), R172G (T-41C,D), R172H (T-41D), R172K, 175, 175A, 175B, 175C, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S, 182T, F182P, F182Q, FR182, R182, T182, T182T, TR182, 188, 188A, 188B, A188, A188A, A188B, A188B (w/Large Hopper), T188C, 190, 195 (LC126A,B,C), 195A, 195B, 205 (210-5), 205A (210-5A), 206, P206, P206A, P206B, P206C, P206D, P206E, TP206A, TP206B, TP206C, TP206D, TP206E, U206, U206A, U206B, U206C, U206D, U206E, U206F, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, 207 s/n 20700001 thru 20700227, T207 s/n 20700001 thru 20700227, 210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 210K, 210L s/n 21059503 thru 21060089, T210F, T210G, T210H, T210J, T210K, T210L s/n 21059503 thru 21060089, 310, 310B, 310C, 310D, 310F, 310G, 310H, 310I, 310J, 310J-1, 310K s/n 310K0001 and 310K0046 thru

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

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

PMA No.: PQ3732CE
Supplement No.: 149
Date: May 5, 2020

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
					310K0245, 310P, 310Q, 310R s/n 310R0001 thru 310R1500, E310H, E310J, T310P, T310Q, T310R s/n 310R0001 thru 310R1500, 320, 320-1, 320A, 320B, 320C, 320D, 320E s/n 320E0001, 411, 411A

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

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

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