



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.: 159
Date: February 12, 2021

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
V-BELT	MC539547-31.19	539547-31.19	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7322 <u>Rev:</u> B <u>Date:</u> 03/03/2020 or later FAA-approved revisions	Textron Aviation Inc.	180F, 180G, 185, 185A, 185B, 185C
“	“	“	“	Continental	IO-470-C, IO-470-D, IO-470-E, IO-470-F, IO-470-G, IO-470-H, IO-470-J, IO-470-K, IO-470-L, IO-470-N, IO-470-P, IO-470-R, IO-470-S, O-470-A, O-470-B, O-470-E, O-470-G, O-470-J, O-470-K, O-470-L, O-470-M, O-470-P, O-470-R, O-470-S, IO-520-A, IO-520-F
V-BELT	MCN7365	N7365	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7322 <u>Rev:</u> B <u>Date:</u> 03/03/2020 or later FAA-approved revisions	Textron Aviation Inc.	210N s/n 21064536 thru 21064897, 210R, P210N s/n P21000761 thru P21000834, P210R, T210N s/n 21064536 thru 21064897, T210R
V-BELT	MCS1597-1-37.5	76026, S1597-1-37.5	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7322 <u>Rev:</u> B <u>Date:</u> 03/03/2020 or later FAA-approved revisions	Textron Aviation Inc.	152, A152, F152, FA152, 172I, 172K, 172L, 172M s/n 17260759 thru 17267584, 172N, 172P, 172Q, 172RG, F172L, F172M s/n 17200905 thru F17201514, F172N, F172P, 177, 177A, 177B, 177RG, F177RG, FR182, R182, T182, TR182
“	“	“	“	Lycoming Engines	O-360-A1A, O-360-A1AD, O-360-A1D, O-360-A1F6, O-360-A1F6D, O-360-A1G6, O-360-A1LD, O-360-A2A, O-360-A2D, O-360-A2F, O-360-A2G, O-360-A3A, O-360-A3AD, O-360-A4A, O-360-A5AD
V-BELT	MCS1597-1-38.5	S1597-1-38.5	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7322 <u>Rev:</u> B <u>Date:</u> 03/03/2020 or later FAA-approved revisions	Textron Aviation Inc.	T182
V-BELT	MC37A19773-376	37A19773-376	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7322 <u>Rev:</u> B <u>Date:</u> 03/03/2020 or later FAA-approved revisions	Lycoming Engines	O-235-L2A, O-235-L2C, O-320-E2D, IO-360-L2A

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V-BELT	MCS2416-1-31.0	S2416-1-30.8, S2416-1-31.0, S2416-1-31.2	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7322 <u>Rev:</u> B <u>Date:</u> 03/03/2020 or later FAA-approved revisions	Textron Aviation Inc.	180H, 180J s/n 18052285 thru 18052770, 180K, 182G s/n 18255101 thru 18255125, 182H, 182J, 182K, 182L, 182M, 182N, 182P s/n 18260826 thru 18265175, 182Q, 182R, F182P, F182Q, 185D, 185E, A185E s/n 185-0968 thru 185-1599, 185E s/n 185- 1096 thru 185-1599, A185E s/n 18501600 thru 18502090, A185F s/n 18502091 thru 18502310, A185F s/n 18052385 thru 18052974, A185F s/n 18052976 thru 18052981, A185F s/n 18502311 thru 18504448, 188, 188A, 188B, A188B s/n 18802349 thru 18803973, T188C, TU206F s/n U20602200 thru U20603521, TU206G, U206F s/n U20602200 thru U20603521, U206G, 207, 207A, T207, T207A, 210E, 210F, 210G, 210H, 210J, 210K, 210L, 210M, 210N s/n 21062955 thru 21064897, 210R, P210N, P210R, T210F, T210G, T210H, T210J, T210K, T210L, T210M, T210N s/n 21062955 thru 21064897, T210R

-----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.

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

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