



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.: 102
Date: November 3, 2017

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Door Cables	32-75	71540-1	Test and Computations per 14 CFR § 21.303 <u>DWG No: 7250</u> <u>Rev: A</u> <u>Date: 05/30/2017 or later</u> FAA-approved revisions	Textron Aviation Inc.	340A, 404, 414A, 441
Door Cables	31-25	71540-2	Test and Computations per 14 CFR § 21.303 <u>DWG No: 7250</u> <u>Rev: A</u> <u>Date: 05/30/2017 or later</u> FAA-approved revisions	Textron Aviation Inc.	340A, 402C, 404, 421C, 441
Door Cables	51-00	71540-7	Test and Computations per 14 CFR § 21.303 <u>DWG No: 7250</u> <u>Rev: A</u> <u>Date: 05/30/2017 or later</u> FAA-approved revisions	Textron Aviation Inc.	340A, 404, 421C, 425, 441
Door Cables	49-75	71540-8	Test and Computations per 14 CFR § 21.303 <u>DWG No: 7250</u> <u>Rev: A</u> <u>Date: 05/30/2017 or later</u> FAA-approved revisions	Textron Aviation Inc.	340A
Door Cables	51-00(303)	10888	Test and Computations per 14 CFR § 21.303 <u>DWG No: 7250</u> <u>Rev: A</u> <u>Date: 05/30/2017 or later</u> FAA-approved revisions	Textron Aviation Inc.	T303
Door Cables	48-75	71540-9	Test and Computations per 14 CFR § 21.303 <u>DWG No: 7250</u> <u>Rev: A</u> <u>Date: 05/30/2017 or later</u> FAA-approved revisions	Textron Aviation Inc.	340, 414A
Door Cables	50-00	71540-10	Test and Computations per 14 CFR § 21.303 <u>DWG No: 7250</u> <u>Rev: A</u> <u>Date: 05/30/2017 or later</u> FAA-approved revisions	Textron Aviation Inc.	340A, 402C, 404, 421C, 425, 441

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Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Door Cables	48500	44523-03	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-31, PA-31-300, PA-31-325, PA-31-350
Door Cables	31125	250039-503	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Aerostar Aircraft Corp.	PA-60-601P (Aerostar 601P), PA-60-602P (Aerostar 602P), PA-60-700P (Aerostar 700P)
Door Cables	31750	250039-505	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Aerostar Aircraft Corp.	PA-60-601P (Aerostar 601P), PA-60-602P (Aerostar 602P), PA-60-700P (Aerostar 700P)
Door Cables	6800	1440-3	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	2275	1440-4	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	2375	1440-19	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D

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Door Cables	6900	1440-20	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	2300	1440-21	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	50000	44523-02	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-31, PA-31-300, PA-31-325, PA-31-350
Door Cables	56-00	5111561-22	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	414
Door Cables	47-625	5111508-59	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	421B
Door Cables	227	44562-00	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-31, PA-31-300, PA-31-325, PA-31-350
Door Cables	236	44563-00	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-31, PA-31-300, PA-31-325, PA-31-350

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Door Cables	70000	47716-04	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-31T
Door Cables	41250	01679-03	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-31T
Door Cables	30250	01679-04	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-31T1, PA-31T2
Door Cables	73000	47716-05	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-31T1, PA-31T2
Door Cables	40250	72930-09	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-42, PA-42-720
Door Cables	SP31125	250039-001	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Aerostar Aircraft Corp.	PA-60-600 (Aerostar 600)
Door Cables	SP31750	250039-501	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Aerostar Aircraft Corp.	PA-60-600 (Aerostar 600)

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Door Cables	7600	1440-28	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	2100	1440-30	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	1528	1440-34	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	6300	1440-13	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	2170	1440-18	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D

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Door Cables	7310	1440-29	Test and Computations per 14 CFR § 21.303 <u>DWG No: 7250</u> <u>Rev: A</u> <u>Date: 05/30/2017 or later</u> FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	1790	1440-32	Test and Computations per 14 CFR § 21.303 <u>DWG No: 7250</u> <u>Rev: A</u> <u>Date: 05/30/2017 or later</u> FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	7618	1440-35	Test and Computations per 14 CFR § 21.303 <u>DWG No: 7250</u> <u>Rev: A</u> <u>Date: 05/30/2017 or later</u> FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	7405	1440-36	Test and Computations per 14 CFR § 21.303 <u>DWG No: 7250</u> <u>Rev: A</u> <u>Date: 05/30/2017 or later</u> FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	3904	1440-37	Test and Computations per 14 CFR § 21.303 <u>DWG No: 7250</u> <u>Rev: A</u> <u>Date: 05/30/2017 or later</u> FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D

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Door Cables	3636	1440-38	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	7525	1440-40	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	3750	1440-41	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	7225	1440-42	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D
Door Cables	3437	1440-43	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> 7250 <u>Rev:</u> A <u>Date:</u> 05/30/2017 or later FAA-approved revisions	Textron Aviation Inc.	65, A65, 70, 80, A80, B80, 88, 90, A90, B90, C90, E90, F90, 100, 200, 200T, 200C, 200CT, 300, 300LW, 350, 350C, A100, A200 (C-12A, C-12D), A200CT (C-12D, FWC-12D, RC-12D, C-12F, RC-12G, RC-12H, RC-12K), B100, B200, B200C (C-12F, C-12R), B200T, B200CT, B200GT, B200CGT, B300, B300C, 1900, 1900C, 1900D

-----END OF DATA-----

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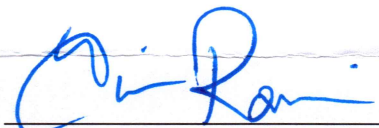
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GENERAL NOTES:

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