



U.S. Department of Transportation
Federal Aviation Administration

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

Aviation Products Systems, Inc.
3701 Highway 162
Granite City, IL 62040

PMA No.: PQ3830CE
Supplement No.: 43
Date: March 16, 2021

Article Name	Article Number	Approved Replacement For Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Brake Disc	APS164-00500	164-00500	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-00500 <u>Rev:</u> L <u>Date:</u> 03/16/2015 or later FAA-approved revisions	American Champion Aircraft Corp.	7ACA, 7ECA, 7GCAA, 7GCBC, 7KCAB, 8KCAB
“	“	“	“	Textron Aviation	150C
“	“	“	“	Piper Aircraft Inc.	PA28-140,-150,-160,-180, PA-22-108; PA22-125, -135, -150, -160 with STC SA91AL installed
“	“	“	“	Univair Aircraft Corp	108,-1,-2,-3, -5
Brake Disc	APS164-00700	164-00700	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-00700 <u>Rev:</u> L <u>Date:</u> 03/16/2015 or later FAA-approved revisions	Revo Incorporated	LA-4, LA4-200
“	“	“	“	Textron Aviation	35-33, 35-A33, 35-B33, 180H, 185, A, B, A185E, 336
“	“	“	“	Legend Aviation & Marine, LLC.	UC-1
Brake Disc	APS164-00900	164-00900	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-00900 <u>Rev:</u> L <u>Date:</u> 03/16/2015 or later FAA-approved revisions	Textron Aviation	35-33, 35-A33, 35-B33, 210C
“	“	“	“	Lavia Argentina S.A	PA-25
“	“	“	“	Mooney International Corp	M20, A, B, C, D, E
“	“	“	“	Piper Aircraft Inc.	PA24-250, -260

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Brake Disc	APS164-01501	164-01501	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-01501 <u>Rev:</u> L <u>Date:</u> 03/16/2015 or later FAA-approved revisions	Alexander Aircraft LLC	17-30A,-31A,-31ATC
“	“	“	“	Textron Aviation	180G, 182S, R182, TR182, FR182, 185C, -D, -E, A185E, -F, 188, A188, 188A, A188A, -B, T188C, 206, U206, P206, 206H, T206H, 207, A, 210D, E, F, G, H, J, K, L, M, N, T210F, P210N, 336; 180, -A, -B, -C, -D, -E, -F, -H, -J, 185, 185A, B, A185E, -F, TU206E, TU206F, 210, A, B, C, K, L, M, T210K, L,M, with STCs SA52GL and SA62GL installed; P210N with STC SA52GL installed
“	“	“	“	Regal Air Inc	305E, F
“	“	“	“	Cirrus Design Corp.	SR20, SR22
“	“	“	“	Diamond Aircraft Industries GmbH	DA42
“	“	“	“	Found Brothers Aviation Limited	100 Centennial
“	“	“	“	General Avia	F.20
“	“	“	“	Commander Aircraft Corp	112, 112B, 112TC, 112TCA, 114, 114B
“	“	“	“	Helio Aircraft LLC	H-250, H-295, H 391, H395
Brake Disc	APS164-01700	164-01700	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-01700 <u>Rev:</u> L <u>Date:</u> 03/16/2015 or later FAA-approved revisions	American Champion Aircraft	7ACA
“	“	“	“	STOL Aviation	S-1
“	“	“	“	Aviat Aircraft, Inc.	S-2
“	“	“	“	Textron Aviation	150D, E
“	“	“	“	Aero Resources, Inc.	J-2
“	“	“	“	Grob Aircraft AG	G109, 109B, G115, G115-A, G115-B, G115-C
“	“	“	“	Piper Aircraft Inc	PA-38-112
“	“	“	“	K & L Soaring	SGS 1-36

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Brake Disc	APS164-01900	164-01900	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-01900 <u>Rev:</u> L <u>Date:</u> 04/23/2009 or later FAA-approved revisions	Piper Aircraft, Inc.	PA-24-180, PA-24-250, PA-24-260, PA-28R-180, PA-28R-200
“	“	“	“	Emerald Enterprises LTD	D-1
Brake Disc	APS164-02000	164-02000	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-02000 <u>Rev:</u> L <u>Date:</u> 03/16/2015 or later FAA-approved revisions	Dynac Aerospace Corp	Lark 100-180
“	“	“	“	Mooney International Corp.	M20C, M20E, M20F, M20G, M20J, M20K
“	“	“	“	True Flight Holdings LLC	AA1, -A, -B, AA5, -5A, -5B
“	“	“	“	Piper Aircraft Inc.	PA-28-140, PA-28-150, PA-28-160, PA-28-151, PA-28-161, PA-28-180, PA-28-181, PA-28-235, PA-28-236, PA-28R-180, PA-28R-200, PA-28-201T, PA-28R-201, PA-28RT-201, PA-28R-201T
“	“	“	“	Slingsby Aviation Ltd.	T67C, T67M, 200
“	“	“	“	Taylorcraft Aviation Corp.	F-19, F-21, F-21A, F-22
Brake Disc	APS164-02201	164-02201	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-02201 <u>Rev:</u> M <u>Date:</u> 02/24/2016 or later FAA-approved revisions	Britten-Norman	BN-2, BN-2A, BN-2B, BN-2T
“	“	“	“	Piper Aircraft Inc	PA-24-400, PA-30, PA-32-260, PA-32-300, PA-34-200, PA-39
Brake Disc	APS164-02300	164-02300	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-02300 <u>Rev:</u> M <u>Date:</u> 01/09/2018 or later FAA-approved revisions	Piper Aircraft Inc.	PA-32-260, PA-32-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA-32-301, PA-32-301T, PA-34-200, PA-34-200T II, PA-34-220T III, PA-34-220T IV, PA-44-180, PA-28-236
“	“	“	“	Mooney International	M20M

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Brake Disc	APS164-02504	164-02504	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-02504 <u>Rev:</u> M <u>Date:</u> 02/24/2016 or later FAA-approved revisions	Textron Aviation	G33, F33A, F33C, 36, 76, 337, 337A, B, C, D, LC41-550FG, LC42-550FG; 35, A35, B35, C35, D35, E35, F35, 35R, 35-33, 35-A33, 35-B33, 35-C33, 35-C33A, E33A, F33, H35, J35, K35, M35, N35, P35, S35, V35, V35A, V35B, A36, G35 with STC SA11GL installed
“	“	“	“	Cirrus Design Corp.	SR22
“	“	“	“	Vulcanair S.P.A.	P.68, P.68B, P.68C, P.68C-TC
Brake Disc	APS164-02505	164-02505	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-02505 <u>Rev:</u> L <u>Date:</u> 03/16/2015 or later FAA-approved revisions	Textron Aviation	F33A, F33C, A36, A36TC, B36TC
Brake Disc	APS164-02601	164-02601	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-02601 <u>Rev:</u> L <u>Date:</u> 03/16/2015 or later FAA-approved revisions	Textron Aviation	150H, J, K, F150H, A150K, 172F, G, H, I, K, F172F, G, H, 177A, B, 182, 182G, H, J, K, L, M, N; 120, 140, A, 170, A, B, 172, A, B, C, D, E, 175, A, B, C, P172D, 180, A, B, C, D, E, F, 182, A, B, C, D, E, F, G with STC SA13GL installed
“	“	“	“	Robert E. Rust Jr.	DHC-1-21, DHC-1-22, DHC-1-22A with STC SA1011SO installed
“	“	“	“	William E. Lamon	DHC-1B-2-S3, DHC-1B-2-S5 with STC SA2748SO installed
“	“	“	“	Fiberglas-Technik Rudolf Linder GmbH & Co. KG	G103, G103C
“	“	“	“	Regal Air Inc.	305A, C, D, F
“	“	“	“	Maule Aerospace Technology, Inc.	M-4, -4C, -4S, -4T, -4-180C, -4-180S, -4-180T, -4-210, -4-210C, -4-210S, -4-210T, -4-220, -4-220C, -4-220S, -4-220T, -4-180V, M-5-180C, -5-200, -5-210C, -5-210TC, -5-220C, -5-235C, M-6-180, -6-235
“	“	“	“	Univair Aircraft Corp	A2, A2A, M10, 108, 108-1, 108-2, 108-3, 108-5
“	“	“	“	Varga	2150A/218
“	“	“	“	AirTransport Manufacturing Co.	Meteor

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Brake Disc	APS164-02706	164-02706	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-02706 <u>Rev:</u> K <u>Date:</u> 03/16/2015 or later FAA-approved revisions	Textron Aviation	D55, E55, 56TC, A56T, 58; 35, A35, B35, C35, D35, E35, F35, G35, 35R, H35, J35, K35, M35, N35, P35, S35, 45 (YT-34), A45 (T-34A, B-45), D45 (T-34B), D55, D55A, E55A, 95-55, 95-A55, 95-B55, 95-B55A, 95-B55B, 95-C55, 95-C55A, B95, B95A, D95A, E95 with STC SA19GL installed
“	“	“	“	B-N Group Ltd.	BN2A MK III, MK III-2, MK III-3
Brake Disc	APS164-02707	164-02707	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-02707 <u>Rev:</u> L <u>Date:</u> 03/16/2015 or later FAA-approved revisions	Textron Aviation	188, A188, 188A, A188A, 188B, A188B, T188C, 337E
“	“	“	“	Helio Aircraft Ltd.	H-250, H-295, H-391, H-395
Brake Disc	APS164-03601	164-03601	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-03601 <u>Rev:</u> M <u>Date:</u> 03/16/2015 or later FAA-approved revisions	Helio Aircraft Ltd.	H-250, H-295, H-391, H-395
“	“	“	“	Maule Aerospace Technology, Inc	M-7-235, -7-235B, -7-235A, -7-235C, -7-260, -7-260C, -7-420AC, -7-420A, M-9-235
“	“	“	“	Textron Aviation	207, A, 180, A, B, C, D, E, F, G, H, J, K, 185, A, B, C, D, E, A185E, F, 206, P206, U206, U206F, U206G, TU206E, F, G
Brake Disc	APS164-04000	164-04000	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-04000 <u>Rev:</u> N <u>Date:</u> 03/16/2015 or later FAA-approved revisions	Revo Incorporated	LA-4, LA4-200
“	“	“	“	SME Aero, Inc.	MD3-160
“	“	“	“	Textron Aviation	150L, A150K, A150L, F150K, FA150K, L, FRA150L, 152, A152, F152, FA152, 172L, M, N, P, Q, R, F172K, 177, 177A, B, 177RG, F177RG, 182N
“	“	“	“	WACO Classic Aircraft Corp.	2T-1A, 2T-1A-1, 2T-1A-2

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Brake Disc	APS164-04300	164-04300	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-04300 <u>Rev:</u> L <u>Date:</u> 03/16/2015 or later FAA-approved revisions	Textron Aviation	B19, 23; A23, A23-19, A23-19A, M19A, B19, 23, A23, A23A, B23, C23, A23-24, A24, A24R with STC SA718GL installed
“	“	“	“	Swift Museum Foundation, Inc.	GC-1A, GC-1B with STC SA2GL installed
“	“	“	“	Commander Aircraft Corp	112, 112B
Brake Disc	APS164-06700	164-06700	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-06700 <u>Rev:</u> M <u>Date:</u> 03/16/2015 or later FAA-approved revisions	Aviat Aircraft, Inc.	A-1
“	“	“	“	Piper Aircraft Inc	PA-18-150, -18A-150, J-3, PA-11, -16, -18, -20, Piper Cub
“	“	“	“	FS 2002 Corporation	PA-12, -14
Brake Disc	APS164-06900	164-06900	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-06900 <u>Rev:</u> M <u>Date:</u> 03/16/2015 or later FAA-approved revisions	Textron Aviation	23, A24, B19, 35-C33, A24R, 77
“	“	“	“	Piper Aircraft, Inc.	PA-38-112
Brake Disc	APS164-30007	164-30007, AA-94, SB164-30007	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-30007 <u>Rev:</u> N <u>Date:</u> 03/17/2015 or later FAA-approved revisions	Textron Aviation	180, A, B, C, D, E, F, G, H, J, K, 185, A, B, C, D, E
Brake Disc	APS164-30195	164-30195	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-30195 <u>Rev:</u> L <u>Date:</u> 03/17/2015 or later FAA-approved revisions	Textron Aviation	F152, FA152, F172, FR172, 177RG, F177RG, 177
Brake Disc	APS164-30388	164-30388	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-30388 <u>Rev:</u> M <u>Date:</u> 03/17/2015 or later FAA-approved revisions	Textron Aviation	180, A, B, C, D, E, F, G, H, J, K, 185, A, B, C, D, E, 206, H

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Brake Disc	APS164-30398	164-30398	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-30398 <u>Rev:</u> M <u>Date:</u> 03/17/2015 or later FAA-approved revisions	Textron Aviation	206, H, 210, A, B, C, D, E, F, G, H, J, K, L, M, N, R, -5, -5A
Brake Disc	APS164-30414	164-30414	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-30414 <u>Rev:</u> L <u>Date:</u> 03/17/2015 or later FAA-approved revisions	Textron Aviation	180, A, B, C, D, E, F, G, H, J, K, 185, A, B, C, D, E
Brake Disc	APS164-30440	164-30440	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-30440 <u>Rev:</u> M <u>Date:</u> 03/17/2015 or later FAA-approved revisions	Textron Aviation	FA152, 177, 177RG, F177RG, 182, A, B, C, D, E, F, G, H, J, S, T, K, L, M, N, P, Q, R, F182P, Q
Brake Disc	APS164-30615-1	164-30615-1	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-30615-1 <u>Rev:</u> L <u>Date:</u> 03/17/2015 or later FAA-approved revisions	Textron Aviation	FA152, F172, D, E, F, G, H, K, L, M, N, P, FR172E, F, G, H, J, K, 172RG, 177RG, F177RG, F177RG, 177, 182, A, B, C, D, E, F, G, H, J, S, T, K, L, M, N, P, Q, R, F182P, Q
Brake Disc	APS164-30615-2	164-30615-2	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-30615-2 <u>Rev:</u> L <u>Date:</u> 03/17/2015 or later FAA-approved revisions	Textron Aviation	180, A, B, C, D, E, F, G, H, J, K, 185, A, B, C, D, E, 206, H
Brake Disc	APS164-30615-3	164-30615-3	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-30615-3 <u>Rev:</u> L <u>Date:</u> 03/17/2015 or later FAA-approved revisions	Textron Aviation	T182, 206, H, 210, A, B, C, D, E, F, G, H, J, K, L, M, N, R, -5, -5A
Brake Disc	APS164-30615-4	164-30615-4, AA-88, SB164-30615-4	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-30615-4 <u>Rev:</u> L <u>Date:</u> 03/17/2015 or later FAA-approved revisions	Textron Aviation	152, 172, 177RG, 182, F150, F152, F177RG, F182, FA152, FR172

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“	“	“	“	Textron Aviation	425
Brake Disc	APS164-07500	164-07500	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-07500 <u>Rev:</u> - <u>Date:</u> 05/13/2015 or later FAA-approved revisions	Costruzioni Aeronautiche Tecnam S.P.A.	P2006T, P2010
Brake Disc	APS164-23002	164-23002	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-23002 <u>Rev:</u> - <u>Date:</u> 05/13/2015 or later FAA-approved revisions	Air Tractor, Inc.	T-802
Brake Disc	APS164-20500	164-20500	Test and Computations per 14 CFR § 21.303 <u>DWG No:</u> APS164-20500 <u>Rev:</u> - <u>Date:</u> 05/13/2015 or later FAA-approved revisions	Vulcanair S.P.A.	AP68TP-300

-----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.

BRANDE N
ALI-TURNER

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BRANDE N ALI-TURNER
Date: 2021.03.16
14:10:34 -05'00'

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

NEAL R
RICE

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NEAL R RICE
Date: 2021.03.29
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Neal R. Rice
Manager, Wichita MIDO Section,
System Oversight Division