



U.S. Department
of Transportation
**Federal Aviation
Administration**

FEDERAL AVIATION ADMINISTRATION – PARTS MANUFACTURER APPROVAL

ABI, LLC.
81 East Commercial Drive
Palmer, Alaska 99645

PMA No. PQ4204CE
Supplement No. 15
Date 8/30/2023

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Wheel & Brake Kit 1.25" Axle, 6 Bolt	ABI-199-71	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No.</u> ABI-199-71 <u>Rev:</u> A <u>Date:</u> 12/29/2012 or later FAA-approved revisions	FS 2003 Corp.	PA-12, PA-12S
Wheel & Brake Kit 1.25" Axle, 6 Bolt	ABI-199-71	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No.</u> ABI-199-71 <u>Rev:</u> A <u>Date:</u> 12/29/2012 or later FAA-approved revisions	FS 2002 Corp.	PA-14
Wheel & Brake Kit 1.25" Axle, 6 Bolt	ABI-199-71	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No.</u> ABI-199-71 <u>Rev:</u> A <u>Date:</u> 12/29/2012 or later FAA-approved revisions	FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B(Army L-4G), J5C

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Wheel & Brake Kit 1.25" Axle, 6 Bolt	ABI-199-71	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-71 <u>Rev:</u> A <u>Date:</u> 12/29/2012 or later FAA-approved revisions	Piper Aircraft Inc	J-3, J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, PA-11, PA-11S J3F-50, J3F-50S, J3F-60, J3F-60S, J3F-65 (Army L-4D), J3F-65S PA-15 PA-16, PA-16S PA-17 PA-18, PA-18S, PA-18 "105" (Special), PA-18S "105" (Special), PA-18A, PA-18 "125" (Army L-21A), PA-18S "125", PA-18AS "125", PA-18 "135" (Army L-21B), PA-18A "135", PA-18S "135", PA-18AS "135", PA-18 "150", PA-18A "150", PA-18S "150", PA-18AS "150", PA19 (Army L-18C), PA-19S PA-18A (Restricted), PA-18A "135" (Restricted), PA-18A "150" (Restricted), PA-20, PA-20S, PA-20 "115", PA-20S "115", PA-20 "135", PA-20S "135" PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22S-150, PA-22-160, PA-22S-160
Wheel & Brake Kit 1.25" Axle, 6 Bolt	ABI-199-71	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-71 <u>Rev:</u> A <u>Date:</u> 12/29/2012 or later FAA-approved revisions	Topcub Aircraft, Inc.	CC18-180, CC18-180A

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Wheel & Brake Kit 1.25" Axle, 6 Bolt	ABI-199-71	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-71 <u>Rev:</u> A <u>Date:</u> 12/29/2012 or later FAA-approved revisions	Cub Crafters, Inc.	CC19-180, CC19-215
Wheel & Brake Kit 1.25" Axle, 6 Bolt	ABI-199-71	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-71 <u>Rev:</u> A <u>Date:</u> 12/29/2012 or later FAA-approved revisions	Aviat Aircraft	A-1, A-1A, A-1B, A-1C-180, A-1C-200
Wheel & Brake Kit 1.5" Axle, 3 Bolt	ABI-199-62	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62 <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	FS 2003 Corp.	PA-12, PA-12S
Wheel & Brake Kit 1.5" Axle, 3 Bolt	ABI-199-62	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62 <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	FS 2002 Corp.	PA-14
Wheel & Brake Kit 1.5" Axle, 3 Bolt	ABI-199-62	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62 <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C

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Wheel & Brake Kit 1.5” Axle, 3 Bolt	ABI-199-62	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62 <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	Piper Aircraft Inc	J-3, J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, PA-11, PA-11S J3F-50, J3F-50S, J3F-60, J3F-60S, J3F-65 (Army L-4D), J3F-65S PA-15 PA-16, PA-16S PA-17 PA-18, PA-18S, PA-18 “105” (Special), PA-18S “105” (Special), PA-18A, PA-18 “125” (Army L-21A), PA-18S “125”, PA-18AS “125”, PA-18 “135” (Army L-21B), PA-18A “135”, PA-18S “135”, PA-18AS “135”, PA-18 “150”, PA-18A “150”, PA-18S “150”, PA-18AS “150”, PA19 (Army L-18C), PA-19S PA-18A (Restricted), PA-18A “135” (Restricted), PA-18A “150” (Restricted), PA-20, PA-20S, PA-20 “115”, PA-20S “115”, PA-20 “135”, PA-20S “135” PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22S-150, PA-22-160, PA-22S-160
Wheel & Brake Kit 1.5” Axle, 3 Bolt	ABI-199-62	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62 <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	Topcub Aircraft, Inc.	CC18-180, CC18-180A

Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make/TCH Eligibility	Model/Series Eligibility
Wheel & Brake Kit 1.5" Axle, 3 Bolt	ABI-199-62	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62 <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	Cub Crafters, Inc	CC19-180, CC19-215
Wheel & Brake Kit 1.5" Axle, 3 Bolt	ABI-199-62	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62 <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	Aviat Aircraft	A-1, A-1A, A-1B, A-1C-180, A-1C-200
Wheel & Brake Kit 1.5" Axle, 3 Bolt	ABI-199-62	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62 <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	Textron Aviation, Inc. (Cessna)	170, 170A, 170B 172, 172A, 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S 175, 175A, 175B, 175C 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182S, 182T, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, R182, T182, TR182, T182T 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F 206, P206, P206A, P206B, P206C, P206D, P206E, U206, U206A, 206H, U206B, U206C, U206D, U206E, U206F, U206G, TP206A, TP206B, TP206C, T206H, TP206D, TP206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G

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Wheel & Brake Kit 1.5” Axle, 3 Bolt	ABI-199-62	Modification Article	STC No. SA02576AK Dwg No: ABI-199-62 Rev: A Date: 09/29/2012 or later FAA-approved revisions	American Champion Inc.	7AC, 7ACA, S7AC, (L-16A) 7BCM, (L-16B) 7CCM, S7CCM, 7DC, S7DC, 7EC, S7EC, 7ECA, 7FC, 7GC, 7GCA, 7GCAA, 7GCB, 7GCBA, 7GCBC, 7HC, 7JC, 7KC, 7KCAB, 8GCBC 11AC, S11AC, 11BC, S11BC 11CC
Wheel & Brake Kit 1.5” Axle, 3 Bolt	ABI-199-62	Modification Article	STC No. SA02576AK Dwg No: ABI-199-62 Rev: A Date: 09/29/2012 or later FAA-approved revisions	Maule Aerospace Technologies	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, MX-7-235, MX-7-180, MX-7-420, MXT-7-180, MT-7-235, M-8-235, MXT-7-160, MX-7-180A, MXT-7-180A, MX-7-180B, M-7-235B, M-7-235A, M-7-235C, MX-7-180C, M-7-260, MT-7-260, M-7-260C, M-7-420AC, MX-7-160C, MX-7-180AC, M-7-420, MT-7-420, M-4-180V, M-9-235
Wheel & Brake Kit 1.5” Axle, 3 Bolt	ABI-199-62	Modification Article	STC No. SA02576AK Dwg No: ABI-199-62 Rev: A Date: 09/29/2012 or later FAA-approved revisions	Helio Alaska, Inc.	H-250, (USAF U10-D) H-295, (USAF YL-24) H-391, (USAF L-28A or U-10B) H-395, H-395A
Wheel & Brake Kit 1.5” Axle, 3 Bolt	ABI-199-62	Modification Article	STC No. SA02576AK Dwg No: ABI-199-62 Rev: A Date: 09/29/2012 or later FAA-approved revisions	GA8 Airvan (Pty) Ltd	GA8

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Wheel & Brake Kit 1.5" Axle, 6 Bolt	ABI-199-62A	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62A <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	FS 2003 Corp.	PA-12, PA-12S
Wheel & Brake Kit 1.5" Axle, 6 Bolt	ABI-199-62A	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62A <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	FS 2002 Corp.	PA-14
Wheel & Brake Kit 1.5" Axle, 6 Bolt	ABI-199-62A	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62A <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	FS 2001 Corp.	J5A (Army L-4F), J5A-80, J5B (Army L-4G), J5C

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Wheel & Brake Kit 1.5" Axle, 6 Bolt	ABI-199-62A	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62A <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	Aviat Aircraft	A-1, A-1A, A-1B, A-1C-180, A-1C-200
Wheel & Brake Kit 1.5" Axle, 6 Bolt	ABI-199-62A	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62A <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	Textron Aviation, Inc. (Cessna)	170, 170A, 170B 172, 172A, 172B, 172C, 172D, 172E, 172F (USA T-41A), 172G, 172H (USAF T-41A), 172I, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S 175, 175A, 175B, 175C 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K 182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182S, 182T, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, R182, T182, TR182, T182T 185, 185A, 185B, 185C, 185D, 185E, A185E, A185F 206, P206, P206A, P206B, P206C, P206D, P206E, U206, U206A, 206H, U206B, U206C, U206D, U206E, U206F, U206G, TP206A, TP206B, TP206C, T206H, TP206D, TP206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G

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Wheel & Brake Kit 1.5" Axle, 6 Bolt	ABI-199-62A	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62A <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	Maule Aerospace Technologies	Bee Dee M-4, M-4, M-4C, M-4S, M-4T, M-4-180C, M-4-180S, M-4-180T, M-4-210, M-4-210C, M-4-210S, M-4-210T, M-4-220, M-4-220C, M-4-220S, M-4-220T, M-5-180C, M-5-200, M-5-210C, M-5-210TC, M-5-220C, M-5-235C, M-6-180, M-6-235, M-7-235, MX-7-235, MX-7-180, MX-7-420, MXT-7-180, MT-7-235, M-8-235, MXT-7-160, MX-7-180A, MXT-7-180A, MX-7-180B, M-7-235B, M-7-235A, M-7-235C, MX-7-180C, M-7-260, MT-7-260, M-7-260C, M-7-420AC, MX-7-160C, MX-7-180AC, M-7-420, MT-7-420, M-4-180V, M-9-235
Wheel & Brake Kit 1.5" Axle, 6 Bolt	ABI-199-62A	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62A <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	Helio Alaska, Inc.	H-250, (USAF U10-D) H-295, (USAF YL-24) H-391, (USAF L-28A or U-10B) H-395, H-395A
Wheel & Brake Kit 1.5" Axle, 6 Bolt	ABI-199-62A	Modification Article	<u>STC No.</u> SA02576AK <u>Dwg No:</u> ABI-199-62A <u>Rev:</u> A <u>Date:</u> 09/29/2012 or later FAA-approved revisions	GA8 Airvan (Pty) Ltd	GA8

-----End of Listing-----

Note: The procedures that have been accepted by the type certificate or TSO authorization holder and its cognizant FAA certification branch, for minor changes to original articles used on type-certificated products, are also acceptable for incorporating the same minor changes on identical PMA replacement articles. The PMA holder must be able to show traceability relating to the TC, STC, or TSO authorization holder on all minor changes incorporated by this procedure. When these procedures are no longer applicable because of completion of the production contract, or termination of the licensing agreement or business relationship, all subsequent minor design changes to the PMA articles must be submitted in a manner as determined by the certification branch. Major design changes (reference 14 CFR 21.319 and 21.619) to drawings and specifications are to be handled in the same manner as that for an original PMA.

Timothy L
Mahoney

 Digitally signed by
Timothy L Mahoney
Date: 2023.09.07
14:00:46 -05'00'

for Timothy L Bonderer
Manager, Minneapolis Certificate Management Section
Central Certificate Management Branch
System Oversight Division
Aircraft Certification Service