



U.S. Department
of Transportation

**Federal Aviation
Administration**

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

ABI, LLC
20130 Birchwood Loop Spur
Chugiak, Alaska 99567

PMA No. PQ4204CE
Supplement No. 07
Dated: NOV 17 2016

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Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
ABI-3400 8" Tail Wheel Assy	ABI-3400-00	3400 Tailwheel Assembly	Test & Computation per 14 CFR §21.303 DWG No: ABI-3400-00 Rev: A Date: 12/26/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
10" Fork Tailwheel	ABI-3450-00	3450 Tailwheel Assembly	Test & Computation per 14 CFR §21.303 DWG No: ABI-3450-00 Rev: A Date: 12/26/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
2 Bolt Tail Wheel Assy	ABI-3450-23	3450-23 Tailwheel Assembly	Test & Computation per 14 CFR §21.303 DWG No: ABI-3450-23 Rev: - Date: 12/26/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
Tailwheel And Fork Assy	ABI-3400B	3400 Tailwheel Assembly	Test & Computation per 14 CFR §21.303 DWG No: ABI-3400B Rev: F Date: 02/14/08 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1



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ABI 3412 Tail Wheel Head Machining	ABI-3412-M	McCauley 0742155-7	Test & Computation per 14 CFR §21.303 DWG No: ABI-3412-M Rev: D Date: 02/21/08 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
ABI 3412 Tail Wheel Head Machining	ABI-3412-M	Cessna 0742155-7	Test & Computation per 14 CFR §21.303 DWG No: ABI-3412-M Rev: D Date: 02/21/08 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
ABI 3400 Head Bolt	ABI-3412-05	3412-05	Test & Computation per 14 CFR §21.303 DWG No: ABI-3412-05 Rev: A Date: 08/20/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
ABI-3413-01 8" Tail Wheel Fork Machining	ABI-3413-01-M	3413-01	Test & Computation per 14 CFR §21.303 DWG No: ABI-3413-01-M Rev: D Date: 02/20/08 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1



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ABI 3412 Tail Wheel Head Spacer Ø.875	ABI-3412-S.875	Modification Part	Test & Computation per 14 CFR §21.303 DWG No: ABI-3412-S.875 Rev: A Date: 03/18/08 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
ABI 3412 Tail Wheel Head Spacer Ø.937	ABI-3412-S.937	Modification Part	Test & Computation per 14 CFR §21.303 DWG No: ABI-3412-S.937 Rev: A Date: 03/18/08 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
ABI 3412 Tailwheel Head Spacer Ø1.00	ABI-3412-S1.00	Modification Part	Test & Computation per 14 CFR §21.303 DWG No: ABI-3412-S1.00 Rev: A Date: 03/18/08 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
Bearing Shim	ABI-3407-00	3407-00	Test & Computation per 14 CFR §21.303 DWG No: ABI-3407-00 Rev: B Date: 6/15/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1



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Dust Cover, Upper	ABI-3411-02	3411-01	Test & Computation per 14 CFR §21.303 DWG No: ABI-3411-02 Rev: A Date: 06/07/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
Thrust Washer	ABI-3408-00	3408-00	Test & Computation per 14 CFR §21.303 DWG No: ABI-3408-00 Rev: A Date: 6/15/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
Fiber Thrust Washer	ABI-3408-01	3408-01	Test & Computation per 14 CFR §21.303 DWG No: ABI-3408-01 Rev: A Date: 06/07/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
Steering Arm Assy	ABI-3410-03	3410-03	Test & Computation per 14 CFR §21.303 DWG No: ABI-3410-03 Rev: A Date: 12/26/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1



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Steering Arm Assy	ABI-3410-05	3410-05	Test & Computation per 14 CFR §21.303 DWG No: ABI-3410-05 Rev: A Date: 12/26/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
Fiber Thrust Washer	ABI-3408-02	3408-02	Test & Computation per 14 CFR §21.303 DWG No: ABI-3408-02 Rev: A Date: 06/07/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
Dust Cover, Lower	ABI-3411-01	3411-02	Test & Computation per 14 CFR §21.303 DWG No: ABI-3411-01 Rev: A Date: 06/07/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
10" Fork Axle	ABI-3236-C2	3236-C2	Test & Computation per 14 CFR §21.303 DWG No: ABI-3236-C2 Rev: A Date: 08/20/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1



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ABI-3423-01 10" Tail Wheel Fork Machining	ABI-3423-01-M	3423-01	Test & Computation per 14 CFR §21.303 DWG No: ABI-3423-01-M Rev: F Date: 02/20/08 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
ABI-3450-23 2 Bolt Head Machined	ABI-3450-23-M	3450-23	Test & Computation per 14 CFR §21.303 DWG No: ABI-3450-23-M Rev: B Date: 02/20/08 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
ABI 3400 2 Bolt Head Bolt	ABI-3412-02	3412-02	Test & Computation per 14 CFR §21.303 DWG No: ABI-3412-02 Rev: A Date: 03/18/08 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
Fiber Thrust Washer	ABI-3479-01	3479-01	Test & Computation per 14 CFR §21.303 DWG No: ABI-3479-01 Rev: A Date: 06/07/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1



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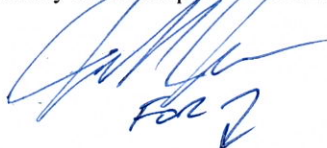
Article Name	Article Number	Approved Replacement for Article Number	Approval Basis and Approved Design Data	Make Eligibility:	Model Eligibility:
Dust Cover, Lower	ABI-3411-05	3411-05	Test & Computation per 14 CFR §21.303 DWG No: ABI-3411-05 Rev: A Date: 06/07/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1
Dust Cover, Upper	ABI-3411-07	3411-07	Test & Computation per 14 CFR §21.303 DWG No: ABI-3411-07 Rev: A Date: 06/07/07 or later FAA-approved revision	Textron Aviation (Cessna)	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
				Textron Aviation (Cessna)	185, 185A, 185B, 185C, 185E, A185E, A185F
				Found Aircraft Canada	FBA-2C, FBA-2C1

-----END OF LISTING-----

NOTE 1: 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.

NOTE 2: The FAA approved ICA 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 supplemental ICA for differences in the replacement articles. Make referral statements or supplemental ICA readily available per 14 CFR 21.50.


August A. Asay
Manager, Anchorage Aircraft Certification Office


Timothy L. Bonderer
Manager, Minneapolis Manufacturing Inspection District Office