



United States of America
Department of Transportation
**Supplemental Type
Certificate**

Number: SA12218AK

This certificate issued to: Seaplanes North LLC
3830 Aircraft Drive
Anchorage, AK 99502

Certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part * of the Regulations.

Original Product:

Make: *See attached FAA Approved Model List (AML)
Number SA12218AK, dated December 9, 2025

Type Certificate Number:

Model: for list of approved models and applicable
airworthiness regulations.

Description of Type Design Change:

Installation of 8.50-6 or 26x10.5-6 tires on the main wheels. Installation must be done in accordance with Seaplanes North, LLC Installation Instructions and Instructions for Continued Airworthiness, SN-85026-ICA, revision IR, dated 8/30/2025, or later FAA accepted revision.

Limitations and Conditions:

- 1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- 2) Tires must have TSO C62 approval.
- 3) For Instructions for Continued Airworthiness, refer to Seaplanes North, LLC Installation Instructions and Instructions for Continued Airworthiness, SN-85026-ICA, revision IR, dated 8/30/2025, or later FAA accepted revision.

Certification Basis:

As specified on AML

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: May 9, 2024

Date reissued:

Date of issuance: December 9, 2025

Date amended:

By direction of the Administrator

Digitally signed by
ERIC EUGENE
BERG
Date: 2025.12.15
11:16:52 -09'00'

Signature: _____

for Gregory S. DiLibero

Title: Manager, West Certification Branch

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisoned not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA (Ref. 14 CFR 21.120)

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Seaplanes North, LLC
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Approved Model List (AML)
Number: SA12218AK
Date of Issuance: December 9, 2025

Approved Model List for installation of 8.50-6 or 26x10.50-6 tires on main wheels

TCDS HOLDER	MODEL	TCDS NUMBER	CERTIFICATION BASIS	INSTALLATION INSTRUCTIONS AND ICA
American Champion Aircraft Corp. (Aeronca)	7AC 7ACA S7AC 7BCM (L16A) 7CCM (L-16B) S7CCM 7DC S7DC 7EC S7EC 7ECA 7FC 7GC 7GCA 7GCAA 7GCB 7GCBA 7GCBC 7HC 7JC 7KC 7KCAB	A-759	CAR 4a	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
American Champion Aircraft Corp. (Belanca)	8KCAB 8GCBC	A21CE	14 CFR PART 23	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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American Champion Aircraft Corp. (Aeronca)	11AC S11AC 11BC S11BC	A-761	CAR 4a	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
American Champion Aircraft Corp. (Aeronca)	11CC S11CC	A-796	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
AeroSedan, LLC (Aeronca)	15AC S15AC	A-802	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Aviat Aircraft, Inc.	A-1 A-1A A-1B A-1C-180 A-1C-200	A22NM	14 CFR PART 23	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Textron Aviation Inc. (Cessna)	120.140	A-768	CAR 4a	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Textron Aviation Inc. (Cessna)	140A	5A2	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Textron Aviation Inc. (Cessna)	170 170A 170B	A-799	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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TCDS HOLDER	MODEL	TCDS NUMBER	CERTIFICATION BASIS	INSTALLATION INSTRUCTIONS AND ICA
Textron Aviation Inc. (Cessna)	172 172A 172B 172C 172D 172E 172F 172G 172H 172I 172J 172K 172L 172M 172N 172P 172Q 172R 172S	3A12	CAR 3 (14 CFR PART 23)	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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Textron Aviation Inc. (Cessna)	P172D R172E R172F R172G R172H R172J R172K 175 175A 175B 175C	3A17	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Textron Aviation Inc. (Reims Aviation S.A.)	F172D F172E F172F F172G F172H F172K F172L F172M F172N F172P FP172D	A4EU	CAR 10 (CAR 3)	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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Textron Aviation Inc. (Reims Aviation S.A.)	FR172E FR172F FR172G FR172H R172J FR172K	A18EU	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Textron Aviation Inc. (Cessna)	180 180A 180B 180C 180D 180E 180F 180G 180H 180J 180K	5A6	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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Textron Aviation Inc. (Cessna)	182	3A13	CAR 3 (14 CFR PART 23)	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
	182A			
	182B			
	182C			
	182D			
	182E			
	182F			
	182G			
	182H			
	182J			
	182K			
	182L			
	182M			
	182N			
	182P			
	182Q			
	182R			
	182S			
	182T			
	T182			
	T182T			
Textron Aviation Inc. (Reims Aviation S.A.)	F182P F182Q FR182	A42EU	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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Textron Aviation Inc. (Cessna)	185 185A 185B 185C 185D 185E A185E A185F	3A24	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Textron Aviation Inc. (Cessna)	190 195 (LC-126A, B, C) 195A 195B	A-790	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Textron Aviation Inc. (Cessna)	210-5 (205) 210-5A (205A)	3A21	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Textron Aviation Inc. (Cessna)	185 185A 185B 185C 185D 185E A185E A185F	3A24	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Textron Aviation Inc. (Cessna)	190 195 (LC-126A, B, C) 195A 195B	A-790	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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TCDS HOLDER	MODEL	TCDS NUMBER	CERTIFICATION BASIS	INSTALLATION INSTRUCTIONS AND ICA
Textron Aviation Inc. (Cessna)	210-5 (205) 210-5A (205A)	3A21	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Textron Aviation Inc. (Cessna)	206 U206 U206A U206B U206C U206D U206E U206F U206G P206 P206A P206B P206C P206D P206E TU206A TU206B TU206C TU206D TU206E TU206F TU206G	A4CE	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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TCDS HOLDER	MODEL	TCDS NUMBER	CERTIFICATION BASIS	INSTALLATION INSTRUCTIONS AND ICA
Textron Aviation Inc. (Cessna)	TP206A TP206B TP206C TP206D TP206E 206H T206H	A4CE	CAR 3 (14 CFR Part 23)	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Textron Aviation Inc. (Cessna)	207 207A T207 ~~T207A~~	A16CE	14 CFR Part 23	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Regal Air, Inc. (Cessna)	305A 305C 305D 305F	5A5	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Regal Air Inc. (Cessna)	305B 305E	3A14	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Topcub Aircraft, Inc. (Cub Crafters)	CC18-180 CC18-180A	A00006SE	14 CFR PART 23	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
NZSkydive Limited (Found Aircraft Canada)	FBA-2C FBA-2C1	A7EA	CAR 3, 14 CFR PART 23	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Helio Alaska Inc. (Helio)	H-250 H-295 (USAF U-10D) H-391 (USAF YL-24) H-391B H-395 (USAF L-28A or U-10B)	1A8	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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TCDS HOLDER	MODEL	TCDS NUMBER	CERTIFICATION BASIS	INSTALLATION INSTRUCTIONS AND ICA
STOL Aviation LLC (Interstate)	S-1A S-1A-65F S1A-85F S-1A-90F	A-737	CAR 04	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
STOL Aviation LLC (Interstate)	S-1B1 S1B2	A-754	CAR 04	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Maule Aerospace Technology, Inc.	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	3A23	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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TCDS HOLDER	MODEL	TCDS NUMBER	CERTIFICATION BASIS	INSTALLATION INSTRUCTIONS AND ICA
Maule Aerospace Technology, Inc.	M-5-220C	3A23	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
	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			
	MX-7-160			
	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			

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TCDS HOLDER	MODEL	TCDS NUMBER	CERTIFICATION BASIS	INSTALLATION INSTRUCTIONS AND ICA
Maule Aerospace Technology, Inc.	M-7-420A MT-7-420 M-4-180V M-9-235	3A23	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Piper Aircraft, Inc.	PA-11 PA-11S J3C-40 J3C-50 J3C-50S J3C-65 J3C-65S	A-691	CAR 4a	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Piper Aircraft, Inc.	J3F-50 J3F-50S J3F-60 J3F-60S J3F-65 (Army L-4D) J3F-65S	A-692	CAR 4a	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Piper Aircraft, Inc.	J3L J3L-S J3L-65 (Army L-4C) J3L-65S	A-698	CAR 4a	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Piper Aircraft, Inc.	J4 J4A J4A-S	A-703	CAR 4a	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Piper Aircraft, Inc.	J4E (Army L-4E)	A-740	CAR 4a	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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TCDS HOLDER	MODEL	TCDS NUMBER	CERTIFICATION BASIS	INSTALLATION INSTRUCTIONS AND ICA
FS 2001 Corp. (Piper Aircraft, Inc.)	J5A (Army L-4F) J5A-80 J5B (Army L-4G) J5C AE-1 HE-1	A-725	CAR 4a	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
FS 2003 Corp. (Piper Aircraft, Inc.)	PA-12 PA-12S	A-780	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
FS 2002 Corp. (Piper Aircraft, Inc.)	PA-14	A-797	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Piper Aircraft, Inc.	PA-19	A-800	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Piper Aircraft, Inc.	PA-16 PA-16S	1A1	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Piper Aircraft, Inc.	PA-17	A-805	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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Piper Aircraft, Inc.	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" PA-19 (Army L-18C) PA-19S	1A2	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Piper Aircraft, Inc.	PA-18A PA-18A "135" PA-18A "150"	AR-7 (Restricted)	CAR 8.10(b)	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Piper Aircraft, Inc.	PA-20 PA-20S PA-20 "115" PA-20S "115" PA-20 "135" PA-20S "135"	1A4	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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Piper Aircraft, Inc.	PA-22 PA-22-108 PA-22-135 PA-22S-135 PA-22-150 PA-22S-150 PA-22-160 PA-22S-160	1A6	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Lavia S.A. (Piper Aircraft, Inc.)	PA-25 PA-25-235 PA-25-260	2A8	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Lavia S.A. Piper Aircraft, Inc.	PA-25 PA-25-235 PA-25-260	2A10 (Restricted)	CAR 8.10(b)	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Univair Aircraft Corp. (Stinson)	108 108-1 108-2 108-3 108-5	A-767	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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Taylorcraft 2000, LLC (Taylorcraft)	BC BCS BC-65 BCS-65 BC12-65 (L-2H) BCS12-65 BC12-D BCS12-D BC12-D1 BCS12-D1 BC12D-85 BCS12D-85 BC12D-4-85 BCS12D-4-85	A-696	CAR 04	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Taylorcraft, Inc.	BF (L-2G) BFS BFS-60 BF-65 BFS-65 BF12-65 (L-2K) BFS12-65	A-699	CAR 4a	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision
Taylorcraft, Inc.	BL BLS BL-65 (L-2F) BLS-65 BL12-65 (L-2J) BLS12-65	A-700	CAR 4a	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

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Taylorcraft 2000, LLC	19 F19 F21 F21A F21B	1A9	CAR 3	SN-85026-ICA, revision -, dated August 30, 2025, or later FAA approved/accepted revision

END

**Installation Instructions and Instructions for
Continued Airworthiness (ICA)**

**8.50-6 and 26x10.50-6 tires
STC#: SA12218AK**

**Doc. No.: SN-85026-ICA
Rev: -
Dated: August 30, 2025**

**Seaplanes North, LLC
3830 Aircraft Drive
Anchorage AK, 99502**

Log of Revisions

Rev.	Description	Pages	Approved	Date
-	Initial release	1-7		08/30/2025

Table of Contents

SECTION	SUBJECT
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2.0	Cautions and Warnings
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6.0	Model Specific Considerations
Appx I	Special Continuing Wheel and Brake Inspection and Maintenance.
Appx II	Table of Data for Common Tires

Airworthiness Limitations Section

The Airworthiness Limitations Section is FAA approved and specifies maintenance required under §§ 43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved.

There are no additional airworthiness limitations associated with the 8.50-6 or 26x10.50-6 tires and/or their installation.

-----End of Airworthiness Limitations Section-----

A complete set of these Instructions for Continued Airworthiness is provided to the initial purchaser of the product. Additional copies are available upon request. Prior to using this document, verify that it is the current revision by contacting Seaplanes North at (907)248-6161.

1.0 Tire and Tube Combinations

Tire Size	Recommended Tube	Alternate Tube	Operating Pressure
8.50-6	8.50-6	8.00-6	18-23 psi.
26x10.50-6	8.50-6	N/A	18-25 psi.

This STC allows for installation of either 8.50-6 tires from any manufacturer or Goodyear 26x10.50-6 tires on the main wheels of a variety of aircraft. All tires must be TSO-C62 approved. All tires must be installed on the 6 inch wheels approved for installation on the airplane by other means. This STC does not provide an approval for any specific wheel. Ply rating for the 8.50-6 tires may vary depending on the airplane weight and speed.

Any tire selected must have an approved tire load rating equal to or greater than the maximum static ground reaction of the main wheels at maximum weight and critical center of gravity. For nosewheel airplanes this typically corresponds to the aft center of gravity limit at maximum gross weight. For tailwheel airplanes this typically corresponds to the forward center of gravity limit at maximum gross weight, although some center of gravity envelopes may be shaped such that a higher load on the main wheels exists at a lower gross weight at a more forward center of gravity. To be safe, selecting a tire whose load rating is equal to or greater than one half of the maximum gross weight of the airplane will ensure using a strong enough tire.

Tire speed ratings must be equal to or greater than 150% of the airplane stall speed at maximum landing weight.

See the STC Approved Model List (AML) for a list of airplane models for which installation of the 8.50-6 or 26x10.50-6 tires are approved. Some airplane models on the AML are approved by type design for the 8.50-6 tires. For those airplanes, the STC provides approval for the Goodyear 26x10.50-6 tires as well.

Before selecting large main wheel tires for a tricycle gear airplane, consider that the propeller ground clearance may change. Clearance of at least seven inches is required in the static level takeoff or taxiing attitude, and positive clearance is required with the nose wheel deflated and the nose wheel strut bottomed out. See 14 CFR 23.925(a) for more exact requirements. Installation of large main tires may require a larger nose wheel tire to maintain adequate clearance. Approval for larger nose wheel tires must be obtained by other means than this STC.

2.0 Cautions and Warnings:

Always completely deflate tires before removing axle nut. (Removing valve core is recommended.)

Always inflate tires on axle with axle nut secured, or place tire and wheel in safety cage during inflation.

Recheck wheel bolt torque within 10-20 hrs. of initial installation and at 100 hr. intervals thereafter.

3.0 Disassembly:

1. Properly stabilize the aircraft and jack aircraft in accordance with airframe manufacturer's service instructions. Use standard aircraft practices if no manufacturer's service instructions exist.
2. Deflate tire, then remove axle nut and brake pads and remove wheel from axle.
3. Break tire bead from each side of wheel using bead breaker.
4. Remove tie bolts and remove wheel halves. Use caution to avoid damaging inner tube valve stem.

4.0 Inspection:

Inspect and repair Cleveland components in accordance with Cleveland Wheel and Brake Manual AWBCMM0001-6/USA or current revision.

Tire care may be accomplished per Goodyear Aircraft Tire Care and Maintenance Manual, revision 6/2024 or later.

1. Degrease parts as necessary using Stoddard solvent or equivalent.
2. Visually inspect for cracks, corrosion, or damage. Replace any cracked, deeply pitted, deeply scratched, or excessively corroded parts.
3. Remove corrosion, and treat wheels and prime/paint as required referencing wheel manufacturer's instructions.
4. Inspect wheel tie bolts for corrosion, stepping, and scoring. Replace any damaged bolts with new.

5.0 Assembly and Installation:

1. Reassemble wheel with tire and tube per manufacturer's instructions, being careful to keep the tube stem lined up in the wheel.
2. It is suggested to install bolts with head outboard and nuts on the inside of the brake disc. (This reduces the chance that a broken bolt will foul the brake caliper or torque plate.)
3. Add a small amount of air to tube, just enough to "fill it out" to shape and then evenly tighten and torque the wheel half bolts.
4. Assemble wheels and tires. Torque wheel tie bolts in accordance with manufacturers manual (Suggested for Cleveland Wheels and Brakes: Manual AWBCMM0001-6/USA Appendix A (or current revision).
5. Inflate tire to a level that ensures the bead will seat. Allowing the tire to "rest" several hours or overnight at max pressure is recommended. Do not inflate a tire above rated pressure to seat beads. Then deflate tire to working pressure per the above chart.
6. Apply slip marks to outsides of wheel/tire (a paint stripe approximately 1/2" wide crossing both the tire and wheel adapter rim).
7. Check torque on valve core then leak check with soapy water and install airtight valve stem cap.
8. Install wheel and tire on aircraft and reinstall brake pads in accordance with aircraft manufacturers service manual or if none, standard aircraft practices.
9. If a different tire size has been installed:
 - A. Confirm adequate clearance between the tire and the brake caliper. If necessary to provide adequate clearance, a brake rotor spacer up to 3/16" thick may be made from either 4130N steel or 6061-T6 aluminum, matching the profile and holes in the rotor flange that attaches to the wheel. Ensure spacer is adequately protected from corrosion by finishing per normal part finishing procedures in AC 43.13-2B. Longer wheel tie bolts may be necessary, up to two dash numbers longer, to compensate for the spacer. Ensure adequate washers are used to prevent the bolt from shanking out before the required torque value is achieved.
 - B. On tricycle gear equipped aircraft confirm adequate propeller clearance in accordance with 14 CFR 23.925(a).
 - C. Perform a full power run-up to confirm that the brakes are adequate in accordance with 14 CFR 23.735 (b). If the brakes will not hold full power without the wheels turning: (1) Repair the brake system until a successful test can be achieved. (2) Install approved "Heavy Duty" brakes and repeat test. (3) Install smaller tires and repeat test.
 - D. Revise aircraft weight and balance and equipment list to reflect installation.
 - E. Complete 337 form, referencing this STC and file copies, as normal, in aircraft records and with FAA.

Remember that tire pressure in a shop area will be different than when the tire is outside in significantly warmer or colder temperatures. Increase of 5 degrees F will result in about 1% increase of pressure.

6.0 Model Specific Considerations

The following is a discussion of notes and limitations for specific models listed in the Approved Model List for the STC.

1. Seaplane models, including American Champion (Aeronca), AeroSedan (Aeronca), Piper, and Taylorcraft seaplane versions of their aircraft, are eligible for the installation of the larger main wheel tires per this STC when they are converted to land planes under separate FAA approval.
2. Tricycle gear equipped Helio, Maule, and Piper PA-22 airplanes must be converted to conventional taildragger landing gear configuration under separate FAA approval prior to the installation of the larger main wheel tires per this STC.
3. Textron (Cessna) 172, 182, 205, 206, and 207 series aircraft must be equipped with a Landis Nose Fork (Airglas) with an 8.50-6 nose tire, FAA approved by other means, prior to the installation of the larger main wheel tires per this STC.
4. Large tire installation per this STC is not allowed on Helio model airplanes equipped with Cross Wind landing gear.
5. Piper PA-18, PA-20, and PA-22 series airplanes must be equipped with heavy duty landing gear by other FAA approved means prior to the installation of the larger main wheel tires per this STC.
6. For all models, as previously discussed, the airplane brakes must meet the brake holding requirements of 14 CFR 23.735(b). To meet this requirement, heavy duty brakes may be required. A separate FAA approval is required if the installation of heavy duty brakes is necessary.

APPENDIX I

Special Continuing Wheel and Brake Inspection and Maintenance

INSPECTION

1. Wheel tie bolt torque to be checked in the first 10-20 hours of operation since initial installation and then every 100 hours of operation thereafter.
2. Inspect slippage marks on wheels and tires before every flight. If slippage is apparent, inspect tire and tube for damage. Slippage may occur if tires are underinflated.
3. Otherwise, follow the aircraft or wheel and brake and tire manufacture instructions or general aircraft practices such as in AC 43.13. (No change is needed for other continued airworthiness inspections and repairs.)

APPENDIX II

Tire Type	Approximate Tire Weights	Part/Model Number
Goodyear 26x10.50-6 6 ply	23 lbs each	260K61-1
Aero Classic 8.50-6 4 ply	9 lbs each	31328
Air Trac 8.50-6 6 ply	15 lbs each	30610
Super Hawk 8.50-6 6 ply	13 lbs each	32910

Table of Data for Common Tires