



SERVICE BULLETIN NO. 19

FAA APPROVED: AUG 27 1998

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TO: FAA Approved Repair Stations, Maule Tailwheel Distributors, Owner's of Aircraft listed below with Maule TW-23 Tire Assembly installed.

SUBJECT: Inspection/replacement of Maule p/n TW-23, 6:50 x 2:50 Tire Assembly that was purchased after 5/5/97.

TAILWHEEL/TIRE ASSEMBLY AFFECTED: SFSA-1-4/1-2/3-4 / TW-23

AIRCRAFT AFFECTED: Any aircraft which uses Maule TW-23 tire assembly that has replaced the tire with a new tire after 5/5/97. These currently may be found on: *All Aeronca Models, Callair A-A6 Series, Cessna 120/140/140A/170 Series, Champion 7AC/7EC/7ECA/7CCAA/7GCBA/7GCB/7KCAB, Dart G Series, Luscombe 8/11A Series, Monocoupe Series, Piper J3/J4/J5 Series/ PA-11/-12/-14/-17/-18/-19/-20/-25, all Rearwin Models, Stinson 10/108 Series/HW-75, Taylorcraft B & D Series, all Pitts Models. All aircraft using tire assembly under a Form #337.*

COMPLIANCE: Inspection and possible replacement required before next flight.

PURPOSE: We have received reports of the tire coming apart on landing and some minor damage to the aircraft occurring. There is a possibility that during the rubber molding vendor's process, the steel inner tube could have been deformed which weakens the side wall and could cause out-of-balance. In a few cases we have discovered that the rubber was not properly cured and remained soft inside. Also, there is some indication that the molded rubber tire is not adhering properly to the steel inner tube (a processing problem). This Service bulletin provides an interim inspection procedure, to be effective while we are correcting the manufacturing problems. Procurement of an improved tire assembly will take place as soon as possible.

INSTRUCTIONS AND CORRECTIVE ACTION:

1. Visually inspect the solid rubber tire for signs of a possible breakdown. This may appear as a bulge, ridge, tear, crack, delamination or other deterioration. Also, if the rubber is not cured properly, the outside diameter will appear slightly rounded instead of flat.
2. If tire is unacceptable, replace the tire with a serviceable tire assembly of the same part number before further flight and then replace with the new improved tire assembly as soon as they are available.
3. Continue to carefully inspect the tire each preflight.

AVAILABILITY OF PARTS:

The following is required to perform this Service Bulletin:

TW-23 Tire Assembly (call Maule Parts Dept. to order the tire assembly at no charge with invoice. New improved Tire Assemblies should be available in September 1998.)

DOCUMENTATION:

Return the completed Initial Compliance Record for Ordering and Compliance Record Sheet upon tire replacement. Record compliance to this SB in Aircraft Logbook when completed.

ITS PERFORMANCE THAT COUNTS!

2099 Georgia Hwy. 133 South~Moultrie, GA 31768

Tel: 912-985-2045~Fax: 912-890-2402



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INITIAL COMPLIANCE RECORD

Aircraft Model _____

Aircraft Serial No. _____

Aircraft Registration No. _____

Action taken (check one):

- () Accomplished inspection procedure as outlined in this Service Bulletin and found tire to be in satisfactory condition with no evidence of a possible breakdown. **Please ship new improved tire assembly when available.**
- () Accomplished inspection procedures per this Service Bulletin and found that tire had to be replaced. **Please ship new improved tire assembly when available.**
- () **Tire has been temporarily replaced with another tire assembly that has been inspected per this SB and appears to be acceptable. Please ship new improved tire assembly when available.**

Owner's Name _____

Owner's Address _____

City _____ State _____ Zip _____

Certified by _____ Title _____
Signature Owner, A & P. IA. Etc.

Date performed _____

Please mail this Compliance Record to: Maule Air, Inc.
Engineering Records
2099 Georgia Highway 133 South
Moultrie, GA 31768
USA



SERVICE BULLETIN NO. 19

COMPLIANCE RECORD SHEET

Aircraft Model _____

Aircraft Serial No. _____

Aircraft Registration No. _____

Action taken (check one):

() **Replacement completed with new improved TW-23 Tire Assembly.**

Owner's Name _____

Owner's Address _____

City _____ State _____ Zip _____

Certified by _____ Title _____
Signature Owner, A & P. IA. Etc.

Date performed _____

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Engineering Records
2099 Georgia Highway 133 South
Moultrie, GA 31768
USA**