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Technical Bulletin 041099RB

Monday, October 04, 1999
Chilliwack, British Columbia

Attention: Rebel & Elite Owners

Subject: Swivel Tailwheel Attachment

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Information: It has been brought to our attention that there is no mention of securing the main swivel bolt (# 11 on your manual drawing, AN4-6a) using a thread locking compound. There is a potential for the loss of the wheel in flight if it is not secured.

Action Required:

MAM has two possible solutions to the problem:

1. (Good Fix) Remove the bolt and penny washer (#9) and re-install with a lock washer (AN936-416) and thread locking compound.
 2. (Best Fix)
 1. Remove the yolk assembly (LG-19) from the tailwheel swivel
 2. Remove the steel shaft (TW-13) from the yolk assembly by removing the split pins at the base of the shaft.
 3. Using the 1/4" hole at the top of the shaft as a guide drill a 1/4" hole through the entire length of the shaft.
 4. Reinstall the shaft into the yolk, trimming the split pins so they do not extend into the hole that you drilled down the centre .
 5. Reinstall the yolk to the swivel assembly replacing the AN4-6a with a AN4-34 bolt castle nut (AN310-4) and cotter pin (AN24665-283).
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