

# Advisory

**Date:** March 18, 2015

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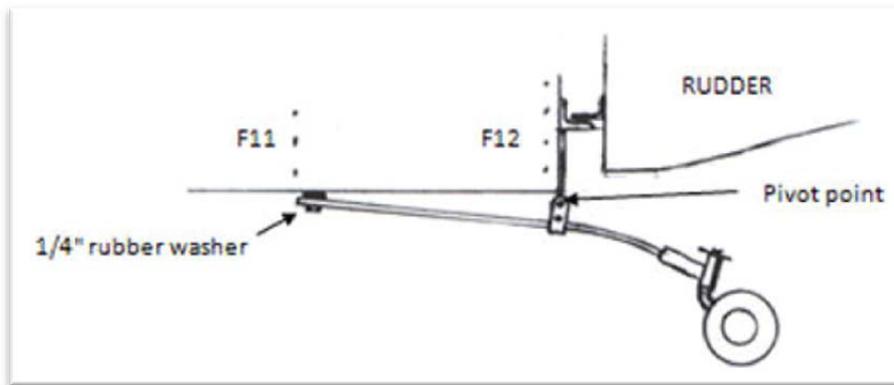
**Subject:** Recommended Modification  
CX4 & CX5 Tail Wheel Spring Mount

**Thatcher Aircraft, Inc.**  
1020 E. Jordan Street, Unit A  
Pensacola, Florida 32503  
850.712.4539  
thatchercx4@cox.net

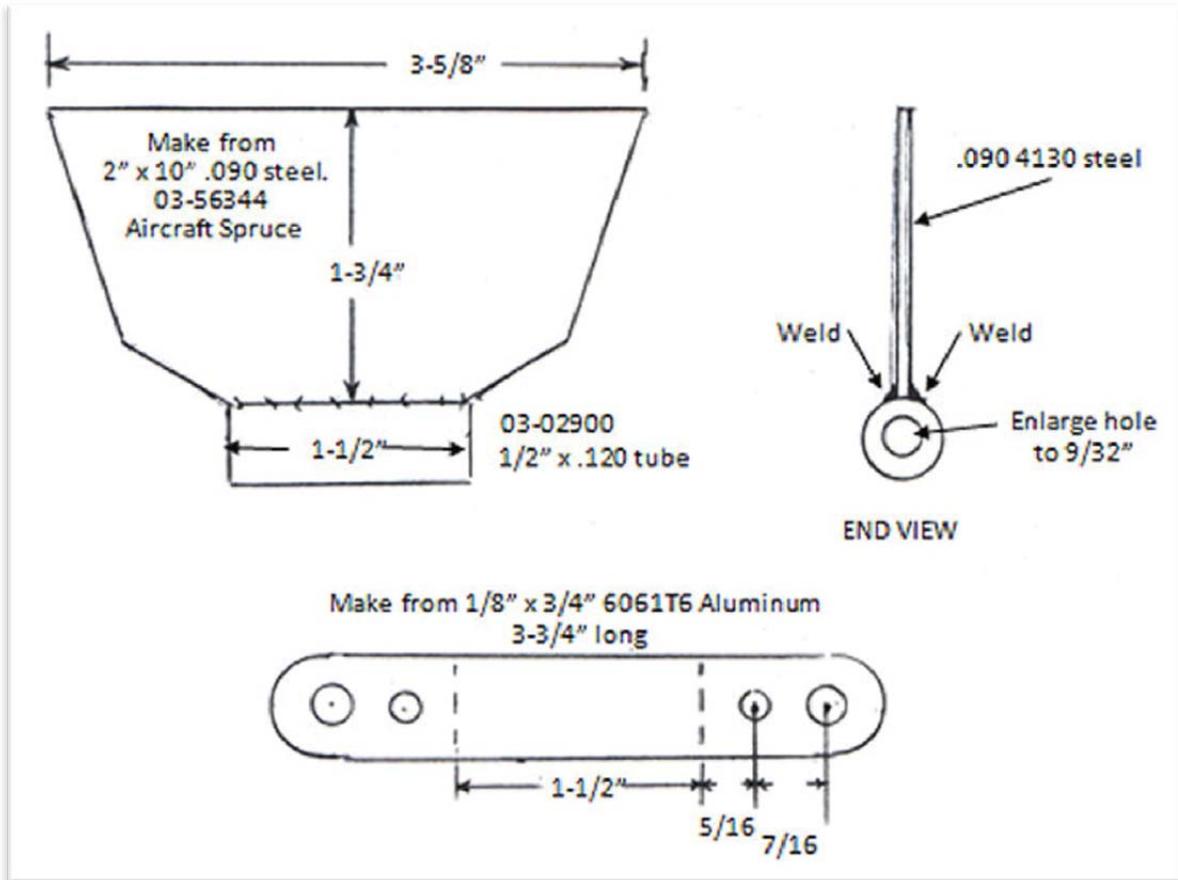
It was reported on February 26, 2015 that during a routine condition inspection of a CX4 with 485 hours of rough sod field operation, cracks were found on the F12 bulkhead where the tail wheel bracket attaches.

After investigation, cracks were found on the F12 bulkhead and lower skin due to a rocking action of the 3/16" x 1-1/2" mount angle for the tail wheel spring.

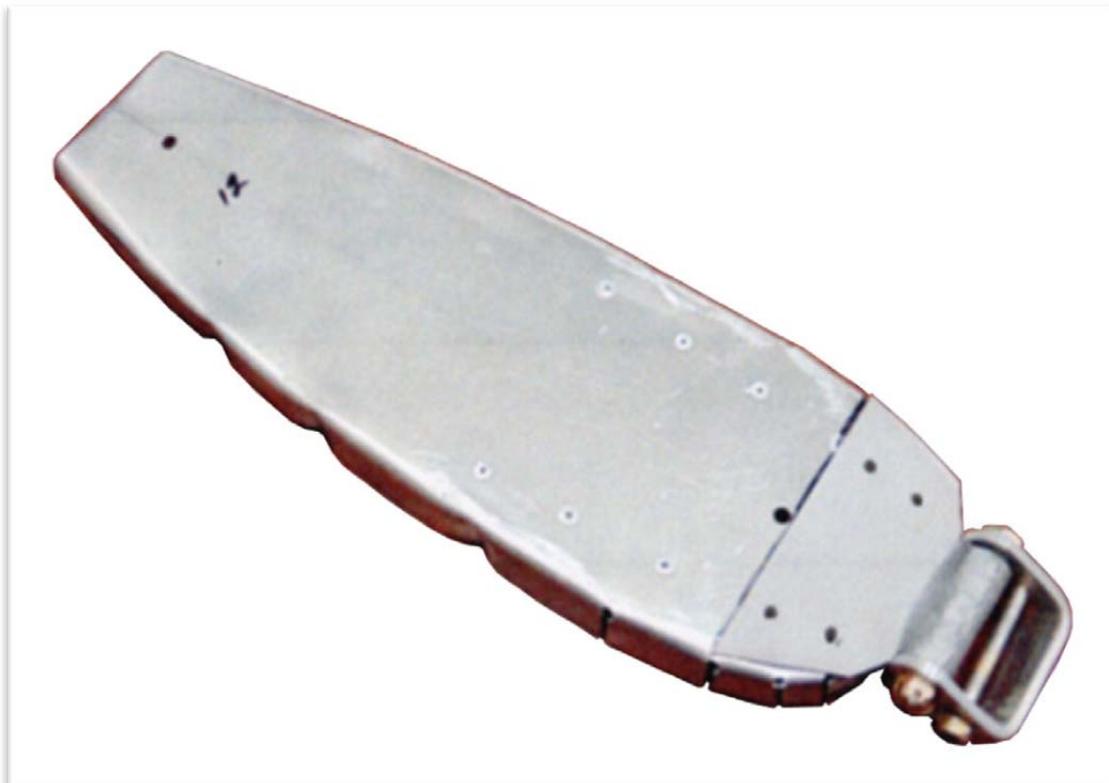
It is our recommendation to remove the angle and replace with the bracket shown in the drawings and photos in this advisory. This bracket allows the tail wheel spring to pivot without placing a load on the F12 bulkhead and lower skin.



A 1/4" rubber washer should also be placed between the spring and the skin at F11 to reduce stress on the attachment at F11 bulkhead.



The pivot bolt (center) is an AN4-21 and the clamp bolt is an AN3-21.



**Attach the bracket to the F12 bulkhead with AN3 bolts in four locations, with the bolts going through F12 and the 1/16" x 3/4" angles on the front side of F12.**