



Airworthiness Directive: 109

Date: February 15, 1996

Subject: S-12XL Airaile Nose Gear

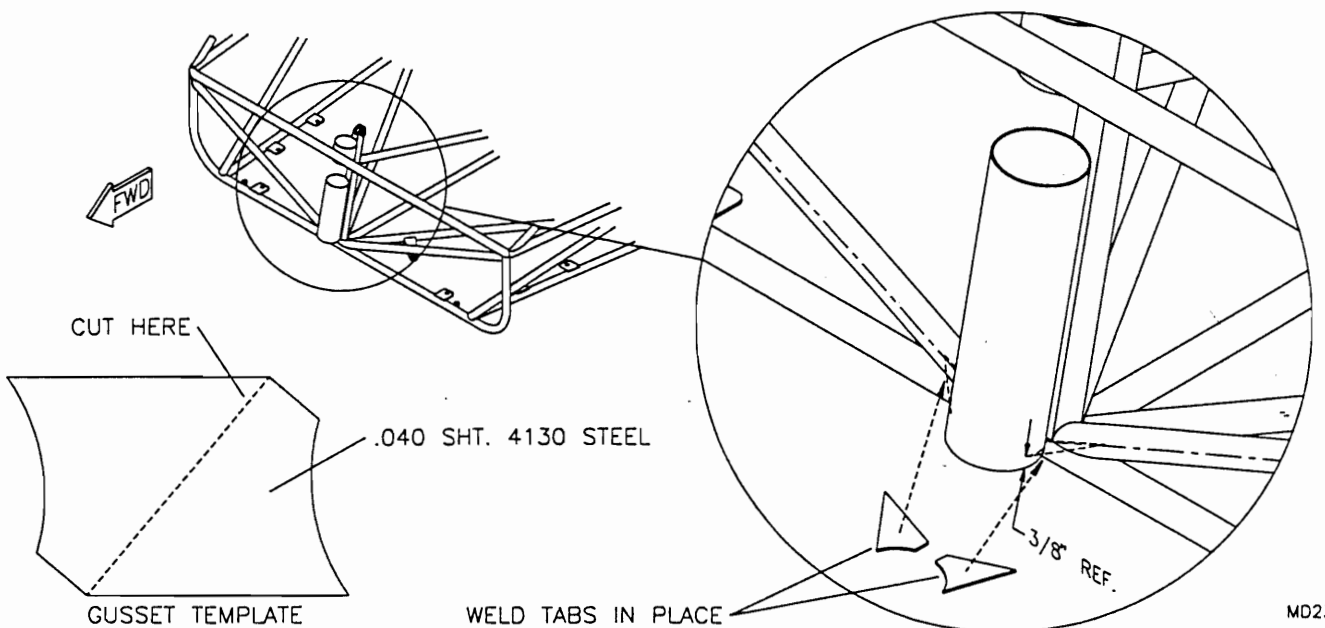
Compliance: Mandatory

Models Effected: S-12XL Airaile

We have had one in field failure of the lower swivel bushing on the fork. As a result the nose gear can separate and result in loss of directional control on landing roll out. The aircraft experiencing the failure is used extensively for in flight training on a rough runway. There was a total of 30 hours on the aircraft at the time of the incident.

Inspection:

Inspect the lower swivel bushing for cracks at the bottom edge of the square tube. If cracks are found do not operate until a reinforcement gusset is welded in place. Gussets can be fabricated as per the enclosed drawing or obtained from our Parts Department at no cost. Approved methods of welding are TIG, MIG or gas acetylene. Weld the gusset to the lower swivel bushing as per illustration. Welding can be performed in the aircraft's upright position.



MD2399