



**Airworthiness Directive: #114**

**Date: January 10, 1997**

**Subject: Coyote II Skylight**

**Compliance: Mandatory**

**Models Effected: S-6ES, S-6S, S-6XL, S-6SXL**

**Cost: Fabricated Parts or \$10.00 (2 KPWS0004)**

We have a report of one case of the aft rivets which retain the ribs on top of the cabin separating. Indefinite pitch control may result if seperation occurs. Pitch control can remain positive if speed is reduced.

**Method 1:**

- 1) See #1 of Method 2.
- 2) Inspect the top crossing tube at station 3. If your aircraft has small tabs welded to the crossing tube, place a wood block on the top and drill through. Rivet from the top. **HINT:** In any case, it is advisable to fasten a bearing strip of at least .032 aluminum. This will help prevent cracking of the lexan by fanning out through pressure from the rivets.

**Method 2:**

- 1) Remove the seats and baggage compartments to gain access to the aft side of Station 3's upper crossing tube. Alternate: Access through the aft baggage or un-lace at bottom of the plane.
- 2) Place the two formed strips (KPWS0004) on each side of the top center stringer or dorsal fin leading edge in the S-6S or \S-6SXL. See the drawing below.
- 3) Drill up thru the strips. Deburr and rivet from the top.

