

Rockwell service letter No. SL-AG-38

International

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BRACING OF WELDED HOPPER IN EARLY S-2C AIRCRAFT

APPLICABILITY: ALL S-2C models, Serial Number 1099 through 1140

Some operators report cracking in the weld seams of hoppers in high time S-2C aircraft. We assume this is due to vibration of the hopper walls in service. To prevent it, the following measures should be taken:

1. Contact the Aero Commander, Albany, Georgia, factory for parts.
2. Remove all side skin panels forward of the cockpit.
3. Glue the felt strips (Item 1 through 5) between fuselage tubes and hopper side walls on both sides of the aircraft according to Sketch No. 1. Slip felt strips through engine controls at left hand side. Use 3-M trim adhesive (Item 6) as glue.
4. Install the hopper wall brace assembly (Item 7) on the forward hopper wall with the Dutchman clamp on the 1 ½" diameter tube just above the wing fuselage attachment on C L of aircraft. Attach the neoprene rubber pad with 3-M adhesive to hopper wall brace assembly. Drill #13 diameter hole for AN3 bolt (Item 8) so that brace sits under slight compression between tube and forward hopper wall. See Sketch No. 2.