

March 3, 1998

TO ALL ROTORWAY HELICOPTER OWNERS
with
SINGLE CARBURETOR ENGINES

ADVISORY BULLETIN A-31

History: In some instances, the ball end of the throttle cable may catch inside the throttle cable clevis. When the cable slips free, it may cause a sudden drop in engine RPM. See illustration below (left).

Action: To check the cable, hold it against the side of the small hole in the clevis and pull outward, trying to make it catch on the edge of the small hole. If the cable catches, it will not seat correctly and you will not be able to see the shoulder of the ball in the small hole. To prevent this from happening, make a support block from a thick piece of aluminum as shown below (center). Cut a slot in the block just wide enough for the throttle cable to pass through. Place the block in a vise. Hold the cable in the seated position and place the cable in the slot, resting the clevis on the block. Insert a punch (or steel rod) into the clevis and place the tip of the punch on the ball as shown below (right). Strike the punch sharply with a hammer, causing the ball to deform the edge of the softer aluminum clevis. If necessary, repeat this process a few times until the ball no longer catches on the inside of the clevis.

