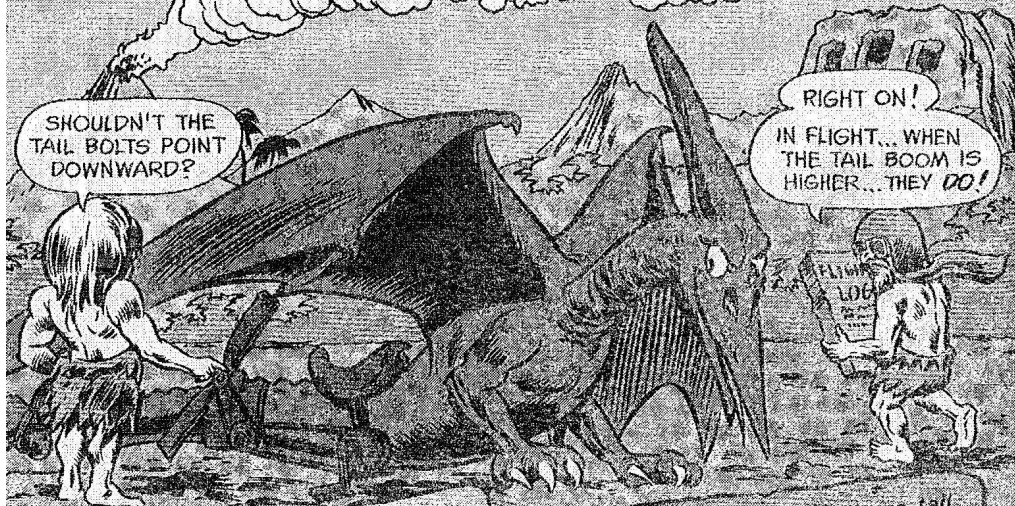


BOLTS POINT DOWN



Dear Windy,

It's always been a general rule-of-thumb to install bolts in the line of flight, pointing downward and in the direction of rotation. This practice can prevent a bolt from becoming disengaged if the nut backs off.

Take the 2 bolts in the Kiowa tail rotor-pitch change assembly. For safety, shouldn't they be put in opposite to the direction shown in fig 9-6 of TM 55-1520-228-20 (Oct 72)?

SP6 M.J.S.

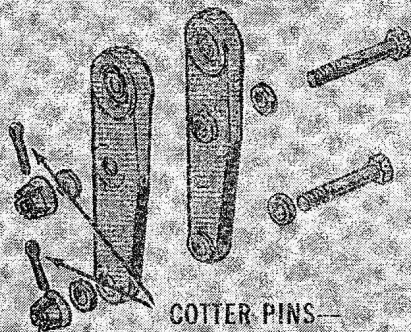
Dear Specialist M.J.S.,

No. It's true that when your OH-58A is resting on the skids the bolts are pointing forward and slightly upward.

But in flight, which is where the engineers are primarily concerned, the tail boom is higher. The bolts point down, the way you want them.

Also, after you torque the bolt nut, insert the cotter pin with the head up.

A CHANGE TO FIG. 9-6 WILL SHOW THE "HEADS UP" POSITION.



COTTER PINS—
HEADS UP