

KIOWA (OH-58A) MAKES THE SCENE...

A MECHANIC'S DREAM

BUT THERE'S STILL P.M.

The latest addition to the inventory was designed with you in mind. The ease of maintaining this baby is something else again.

Push-pull rods replace control cables and pulleys—6 self-lubricated tail-rotor drive-shaft bearings replace bearings with grease fittings—fixed length tail-rotor pitch-change links instead of mechanical adjustment types—fewer scheduled inspections—and more . . . all designed to save you time and elbow grease.

This baby requires no lubrication on the Preventive Maintenance Daily. Service the engine oil tank, transmission, tail rotor gear box, hydraulic reservoir, pillow block reservoirs, fuel cell sump drain valve. Fill 'er up with JP-4 and she's ready for the wild blue.

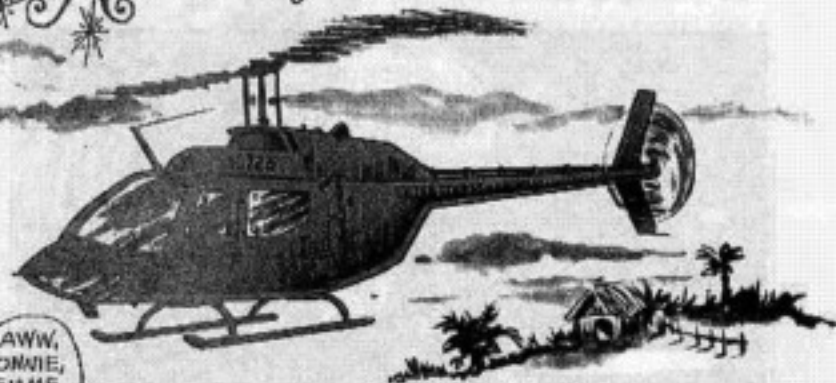
As your Kiowa builds up flying time use your TM 55-1520-228-20 and keep these maintenance pointers in mind.

KIOWA (MEDIUM) FREQ?

Tracking down a medium frequency airframe vibration, felt in the tail rotor pedals, can drive you to distraction.

You might save yourself some time by focusing in on the 4 tail boom attaching bolts, first off.

'S DREAM



AWW, CONNIE, LEMME DREAM A BIT MORE.

If the bolts have loosened up, you've found the source of the problem.

Take off the inspection plate on the right side of the fuselage at the attaching point.

Disconnect the VHF/UHF antenna and navigation light cables to make room for a torque wrench.

Back off on the bolts and re-torque 'em to 375-415 lb-in. Remember that the special inspection of TM 55-1520-228-20 (Jul 69) calls for re-torquing the bolts 100 hours after a tail boom is installed.

To keep your favorite throttle jockey in the communication business, be sure you hook up the cables again. Chances are, if the navigation light works, you connected that cable and the 2 antenna cables.

Be sure you don't Murphy the antenna cables, either. They look the same but if they're switched you'll burn out some transistors in the little black boxes because each radio is set on a different frequency.

TAIL BOOM ATTACH BOLTS TORQUED RIGHT?

CONNECT BOTH CABLES.



WATCH FOR THE OLD CABLE SWITCH BIT, FRED.



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