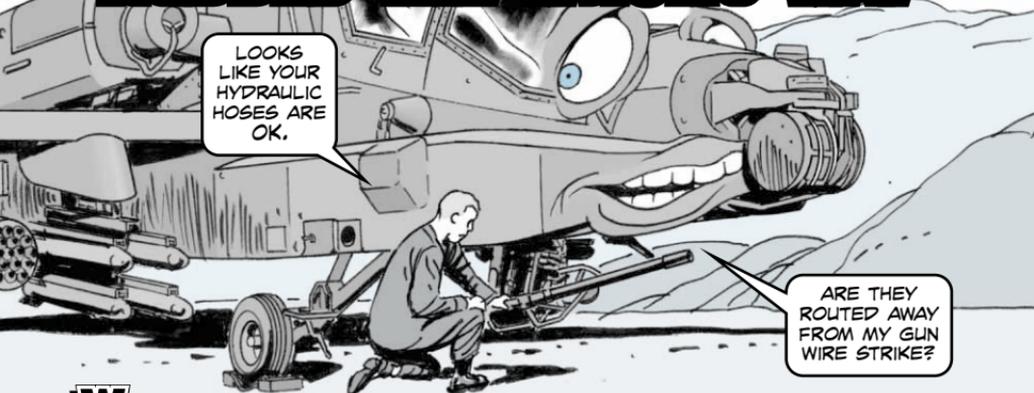


# RUBBED THE WRONG WAY



**W**hen a situation rubs you the wrong way, you take action.

Armament crews, when your Apache's 30mm gun's braided hydraulic lines and hoses rub the wrong way against each other or against the wire strike, take action to prevent chafing.

During your Before Flight PMCS, in Paragraph 4-5-1 of TM 9-1090-208-23-1-1, make sure the gun's hydraulic hoses are installed correctly and are not touching or resting on the wire strike.

If the hoses rest on the wire strike during gun firing, aircraft vibration and gun recoil will chafe and wear through the pressure and return hoses. That will cause hydraulic leaks. The gun will lose elevation control and the ability to fire. Then the gun is NMC.

When the hoses are installed correctly (the plane of the hose bends 90° to the plane of the actuator), touching should not be a problem.

As an added measure, tie the lines together—but not too tight—with tie wraps, to protect them from chafing.

