

HANDLING THE GAP AND DUCT PLIERS

NICE JOB ON INSTALLING MY AFT FAIRING.



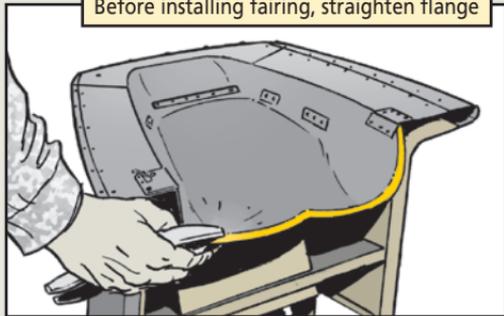
THIS TIME I HANDLED THE GAP, DIDN'T I?

Mechanics, dealing with the Kiowa Warrior aft fairing can be a headache, especially when you try to install it without the gap.

Before you install the aft fairing, check the flange to see if there are burrs, jagged edges or bends. Use duct pliers to smooth out and straighten the flange. This helps during installation.

When you install the aft fairing to the engine cowlings, try not to push the cowling's fire-proof strip out of place or the strip will come off.

Before installing fairing, straighten flange



Without the protection of the fire-proof strip, the metal airframe cowlings and the duct assembly can crack. That allows more heat into the engine area, resulting in an overheated engine.

So instead of jamming the aft fairing in place and damaging the flange and the fire-proof strip, use the gap technique.

When installing the aft fairing, create a $\frac{1}{4}$ -in gap between the engine pan and the aft firewall fire-proof strip. Here's how:

1. Unfasten the dzus fasteners on the aft end of the engine cowling.
2. Open the engine cowling doors.
3. Support the engine cowling doors with prop rods.
4. Lift the aft end of the engine cowling to create a $\frac{1}{4}$ -in gap between the engine pan and the aft firewall fireproof strip.
5. Place the aft fairing in position and slide it into the gap.
6. Fasten the dzus fasteners and you're good to go for the next mission.