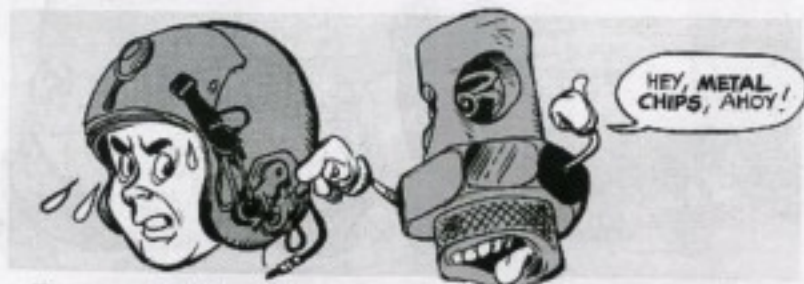


TO EYE THE CHIP DETECTOR  
PLUGS, JUST...

## DO THE TWIST

Chip detectors have proven their worth in aircraft engines and transmissions. Small wonder, then, that they're now going into all the Huey (UH-1) 42-degree and 90-degree gear boxes—plus the transmission.



The purpose of these little jewels remains the same—the setting off of a warning light in the cockpit which alerts the pilot that some chips of metal have landed on the plug. Normally, this warning of an impending internal failure gives the pilot enough time to make a normal landing.

But there have been some welcome changes made on these Huey chip detectors as you'll see when you pull one.

You'll find the detector within the drain plug. So it's a pushover to check without any messy, time-wasting pulling of the drain plug.

To take out the detector just push the magnetic insert in as far as possible and twist it counterclockwise, to disengage the pins from the plug, and lift the insert from the plug. Disconnect the electrical wires from the insert. As the insert comes out, a spring-loaded check valve in the detector shuts off any flow of oil . . . clean, man, clean!

After you inspect the detector, put it back in the plug with a new O-ring and connect the electrical wires. Be mighty sure the O-ring is seated or a lost detector—and oil—will upset the apple-cart!!

DRAIN PLUG —  
DON'T PULL IT.

