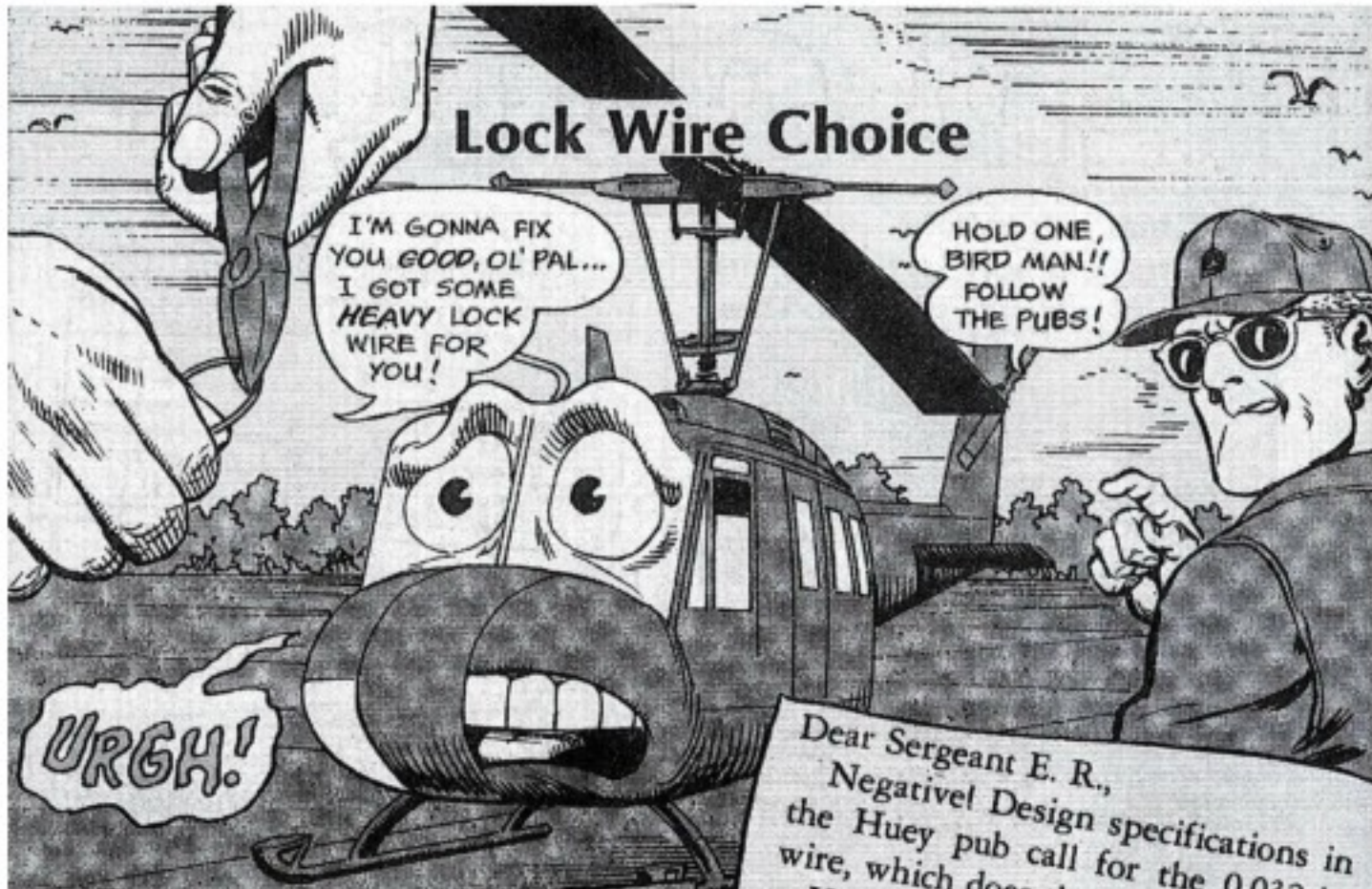


# Lock Wire Choice



URGH!

I'M GONNA FIX YOU GOOD, OL' PAL... I GOT SOME HEAVY LOCK WIRE FOR YOU!

HOLD ONE, BIRD MAN!! FOLLOW THE PUBS!

Dear Windy,  
TM 55-1520-210-23 calls for using 0.032-in lock wire on the Huey pitch horn and stabilizer mounting bolts, which have large diameter holes. The rule-of-thumb principle calls for using wire that will fill 75 percent of the hole. Shouldn't we be using a heavier wire, Windy?  
SSG E. R.

Dear Sergeant E. R.,  
Negative! Design specifications in the Huey pub call for the 0.032-in wire, which does the job. You can forget any "rule of thumb." When wire size is not given in a bird manual, follow the backup info in the general aircraft maintenance manual. Para 3-170 in TM 55-1500-204-25/1 says to use 0.020-in wire when the hole diameter is less than 0.045 inch; 0.032-in wire when the hole is larger than 0.045 inch.  
Windy