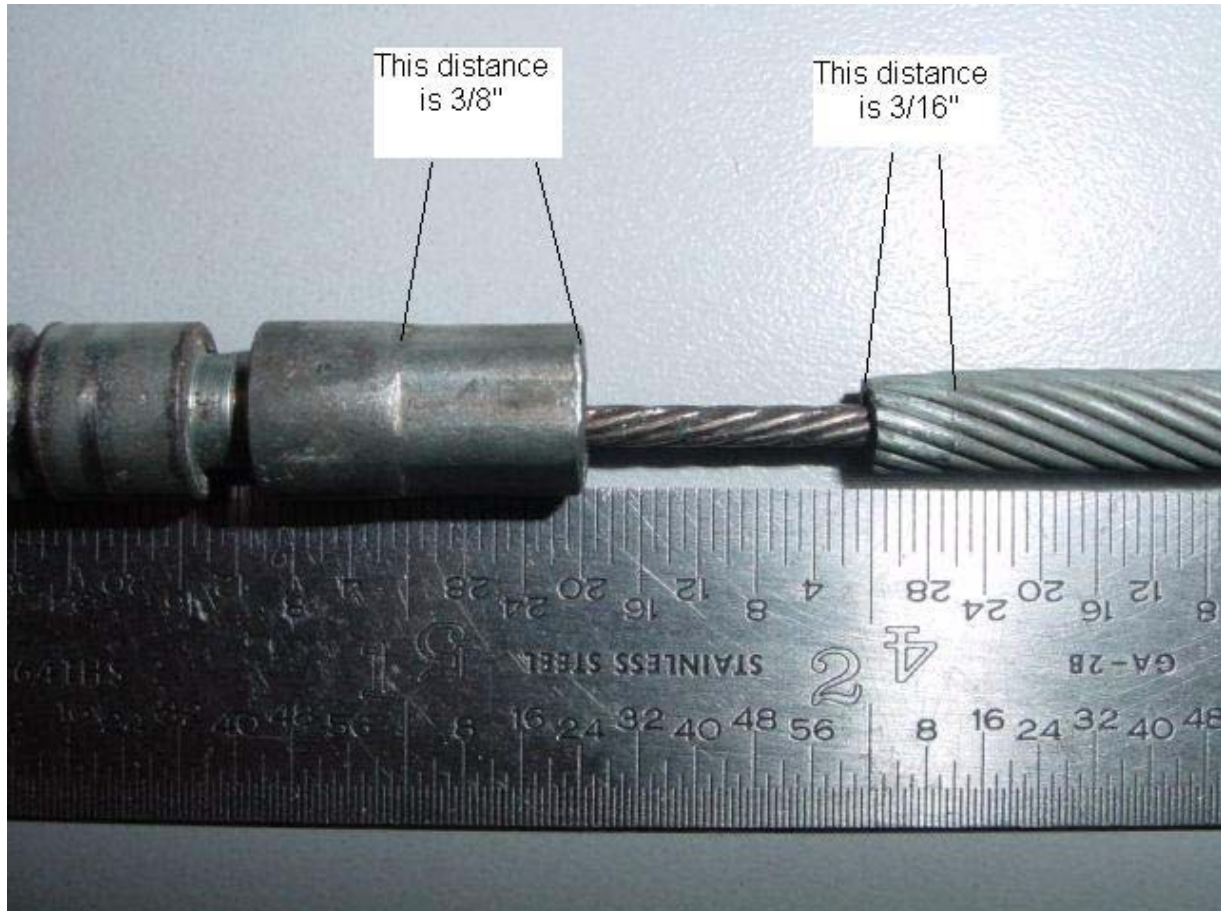


Piper PA44_180, Throttle Cable Separation, ATA 7603

"During climb out and around 600-700 AGL (above ground level)," says this submitter, "the instructor pilot reduced the R/H throttle to idle to simulate engine failure. The student pilot simulated feathering the R/H propeller—and when attempting to set zero thrust, the instructor discovered there was no thrust available. The R/H engine was secured, and emergency declared, and an uneventful landing performed. Upon inspection of the R/H engine (*we found*) the engine end of the swaged portion of the throttle cable had failed, allowing only the cable housing to move when the throttle lever in the cockpit was (*actuated*). Further inspection of the failed swaged area leads me to conclude that during initial assembly of this particular throttle cable (*P/N 554528*) the cable housing had not been inserted into the cable end far enough before the end was swaged onto the cable housing."



Part Total Time: 1,051.0 Hours

Piper PA44_180, Throttle Cable Separation, ATA 7603