

Cessna 182T, Cracked Firewall Doubler, ATA 5412, Report 1

A crack in a firewall doubler (forward side) was discovered during an inspection. The crack is located behind the right hand 'cowl exit ramp' (P/N 0752732-2; see manufacturer's IPC 53-10-00, revision 19; item 241).

The longest section of the crack is six-inches. There is also a secondary crack (3/4 inch long) radiating out from the rivet hole at the center of the six-inch crack. Another small crack (3/4-inch) was discovered just outboard of the 6-inch crack during rivet removal during preparation for repair. This area is very difficult to inspect with the lower cowling removed on a P2 (100 hour inspection) or P3 (Annual inspection), however, it is accessible. There was also substantial dirt and oil build-up in the area behind the cowl exit ramp, making the area harder to inspect.



Part Total Time: (unknown)

Cessna 182T, Cracked Firewall Doubler, ATA 5412, Report 1