

### **Piper PA44-180, Cracked Nose Cone Spar, ATA 5343**

An unknown technician states, "This spar assembly (*P/N 86282-010*) was found cracked at the left side nose gear support fitting. The crack radiated out from the aft lower bolt attachment (as viewed from below the nose structure flooring). Once the 'A' Frame support was removed, the 2-inch crack could be seen in the spar web (however, it was not visible until the support was removed).

At some point in the airplane's history, the lower extrusion was replaced with a new extrusion (not at this shop). The extrusion's cracking was the reason for disassembly at this time.

This defect is addressed in Piper AD 81-10-01, but the AD is not applicable to this serial number aircraft. Piper Service Bulletin number 1143 covers the later serial numbered aircraft.

Part Total Time: (unknown).