

922-T-214 SIGNAL SUPPORT ASSEMBLIES AND TETHER BRACKETS

(Adopted 06-16-16)

The Standard Specifications are revised as follows:

SECTION 922, BEGIN LINE 896, DELETE AS FOLLOWS:

922.07 Free Swinging Signal Support Assemblies

SECTION 922, BEGIN LINE 925, DELETE AND INSERT AS FOLLOWS:

(d) Tether Bracket

The tether bracket shall attach to a ~~1/8 in. to~~ 1/4 in. ~~messenger cable~~tether and prevent the bottom of the head from moving side-to-side on the ~~cable~~tether. Where backplates are installed on the signal heads, the tether bracket shall be of the proper length for the backplate so that the cable is mounted below the bottom of the backplate to avoid interference with head alignment and damage to the backplate. *Three bolts, nuts, and washers, shall be used to secure the tether bracket to a three-section or four-section signal head. A wire rope clamp in accordance with 922.10(e)4c, shall be used to secure the tether bracket to the tether and the tether bracket shall have predrilled 1/2 in. diameter holes. In lieu of the wire rope clamp and 1/2 in. diameter holes, a beveled tether plate that completely fills in the extruded portion of the tether bracket may be used to secure the tether bracket to the tether. The tether bracket shall not extend more than 2 in. below the tether.*

SECTION 922, BEGIN LINE 1233, REVISE AS FOLLOWS:

3. Tether and Support Cable

Tether and support cable shall be aircraft cable, for non-aircraft, and shall be ~~3/16~~1/4 in. nominal diameter, made of stainless steel wire, and consist of seven, ~~seven~~19-wire flexible steel strands. The ~~3/16~~1/4 in. cable shall have a minimum breaking strength of ~~3,700~~3,840 lbs. It shall be in accordance with Military Specifications MIL-W-83420D.