

## **Continental Rigging Event Cable Damage Criteria: Page 1**

### **Cable Damage Identification**

1. Determine serviceability of cables 1 – 5 using AMM 20-20-31.
2. Using provided form note if cable is serviceable or unserviceable and why.

**Cable is 1/8” 7 X 19 tinned Mil Spec W-83420 Type 1 Comp A TZ**

**Use Caution when examining cables, they may have damage!**

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### Inspection of the control cable wire rope:

3. Perform a detailed visual inspection of the cable runs for incorrect routing, kinks in the wire rope, or other damage.
  - a) Replace the cable assembly if:
    - 1) The individual wires in a strand appear to blend together (outer wires worn 40 to 50 percent) (Fig. 601).
    - 2) If a kink is found.
    - 3) If corrosion is found.
4. Perform a detailed visual inspection of the cable. To do a check for broken wires, rub a cloth along the cable. The cloth will identify broken wires by catching on them.
  - a) Replace the 7 X 7 cable assembly if:
    - 1) There is two or more broken wires in 12 continuous inches of cable.
    - 2) There is three or more broken wires anywhere in the total cable assembly.
  - b) Replace the 7 X 19 cable assembly if:
    - 1) There is four or more broken wires in 12 continuous inches of cable.
    - 2) There is six or more broken wires anywhere in the total cable assembly.

++ EFFECTIVITY+++++

**AMM 20-20-31**