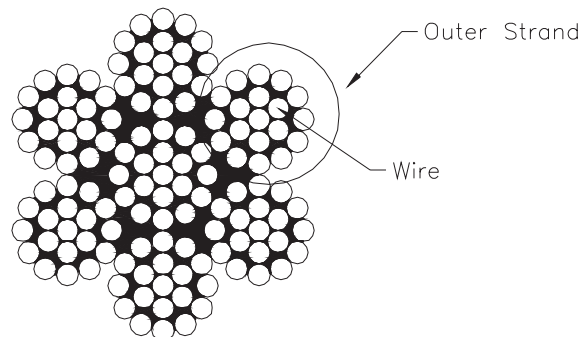


Wire Cable Replacement Instructions for Internal Halyard Flagpoles

1. Lower the flag and cut the cable to be replaced above the upper Snap Hook.
2. Remove the tape from the bottom end of the replacement cable.
3. Splice the bottom end of the replacement cable to the cut end of the cable to be replaced. The splice should be strong and its diameter should be equal to or smaller than the cable diameter. A splice we recommend involves tying five wires from the center strand of the old and replacement cable together. This can be done by peeling back and cutting the six outer strands about four inches from the end of the old and replacement cable. Unravel five wires from the exposed center strand of the old and replacement cable and tie them together. Cut unused frayed cable and tape the entire splice including the cut outer strands. The result should be a strong but small splice. Test splice before proceeding



Cross Section
of 7 X 19 Stainless
Steel Aircraft Cable

4. Gently pull the old cable through the winch access door until the replacement cable, splice, and new stop sleeve appears. Continue pulling splice and replacement cable out of the access door until there is sufficient length of the replacement cable to secure to a heavy or stationary object. Secure the splice end of the replacement cable.
5. Cut the replacement cable just above the stop sleeve (leaving at least 1/8" of cable exposed beyond the stop sleeve). Remove the old cable from the winch and secure the new cable to the winch by placing the stop sleeve into the slot on the winch drum and tightening the screw against it securely.