

# Tail Wiring

Three cables leave the aft tail area heading forward. One is the RG-400 coaxial cable feeding the NAV1 dipole antenna mounted on the bottom surface of the tail cone. A second is a shielded four-conductor cable connecting the ELT to the EFIS for transmission of GPS NMEA strings. The remaining cable bundle is 37 conductors routed into a large circular connector. This connector feeds all signals to the vertical stabilizer CPC, the rudder and elevator trim servos, and the tail light module. It also carries the remote control and audio alert module signals for the ELT. The extra conductors allow for changes to empennage wiring configuration without having to run new wires down the tail cone.

The 9-pin circular connectors at the base of the vertical stabilizer and rudder allow for the easy removal of these components without having to sever any electrical wires. There is no wiring in the horizontal stabilizer or elevators.

The green rectangles represent bond straps.

