

RUDDER SYSTEM - DESCRIPTION AND OPERATION

1. General

A. The rudder is a movable airfoil hinged to the aft spar of the vertical stabilizer. The rudder produces airplane yaw.

2. Description and Operation

A. The rudder system includes pilot's and copilot's rudder pedals attached to torque tubes. Control cables are attached to arms on torque tubes and routed under floorboard through a series of pulleys to a rudder bellcrank in stinger of airplane. Rudder is controlled by depressing left or right rudder pedal corresponding to desired direction of deflection.