

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.