

Step 1: Locate the two white wires from the ES MSTS-T3-7A-2 Pitch Trim Servo. Temporarily connect one of the white wires to the positive (+) terminal of a 12V DC battery pack from a cordless drill. Temporarily connect the remaining white wire to the negative (-) terminal of the same battery pack. Polarity determines the direction of travel. Operate the pitch trim servo until the clevis rod end on the pitch trim servo is fully extended (it will stop automatically), then disconnect the battery. Check the Stabilator Assembly movement to make sure it swings freely. Stabilator travel in both directions should be limited only by the HS-1210 hinge stops contacting the F-1211C tailcone hinge bracket, refer to Page 11-3, Figure 2, Detail A-A. If necessary, adjust the rod end bearing to achieve clearance between the AST and Stabilator Assembly hinge halves per dimensions given in the magnified view of Figure 1.

Step 2: Temporarily re-connect the white wires to the battery pack. Operate the pitch trim servo until the clevis rod end is fully retracted, then disconnect the battery. Check the Stabilator Assembly movement to make sure it swings freely, limited only by the HS-1210 hinge stops contacting the F-1211C tailcone hinge bracket. Make sure there is at least 1/4 inch between the F-1287E Pushrod and the Rudder Assembly in any position as shown in Figure 1.

Step 3: Remove the cushioned clamp from the F-1287A Servo Tray. Route the WH-P30 Trim Wires through the cushioned clamp in the opposite direction as the wire from the ES MSTS-T3-7A-2 Pitch Trim Servo wire. Install the cushioned clamp to the servo tray. Plug the wires together as shown in Figure 1.

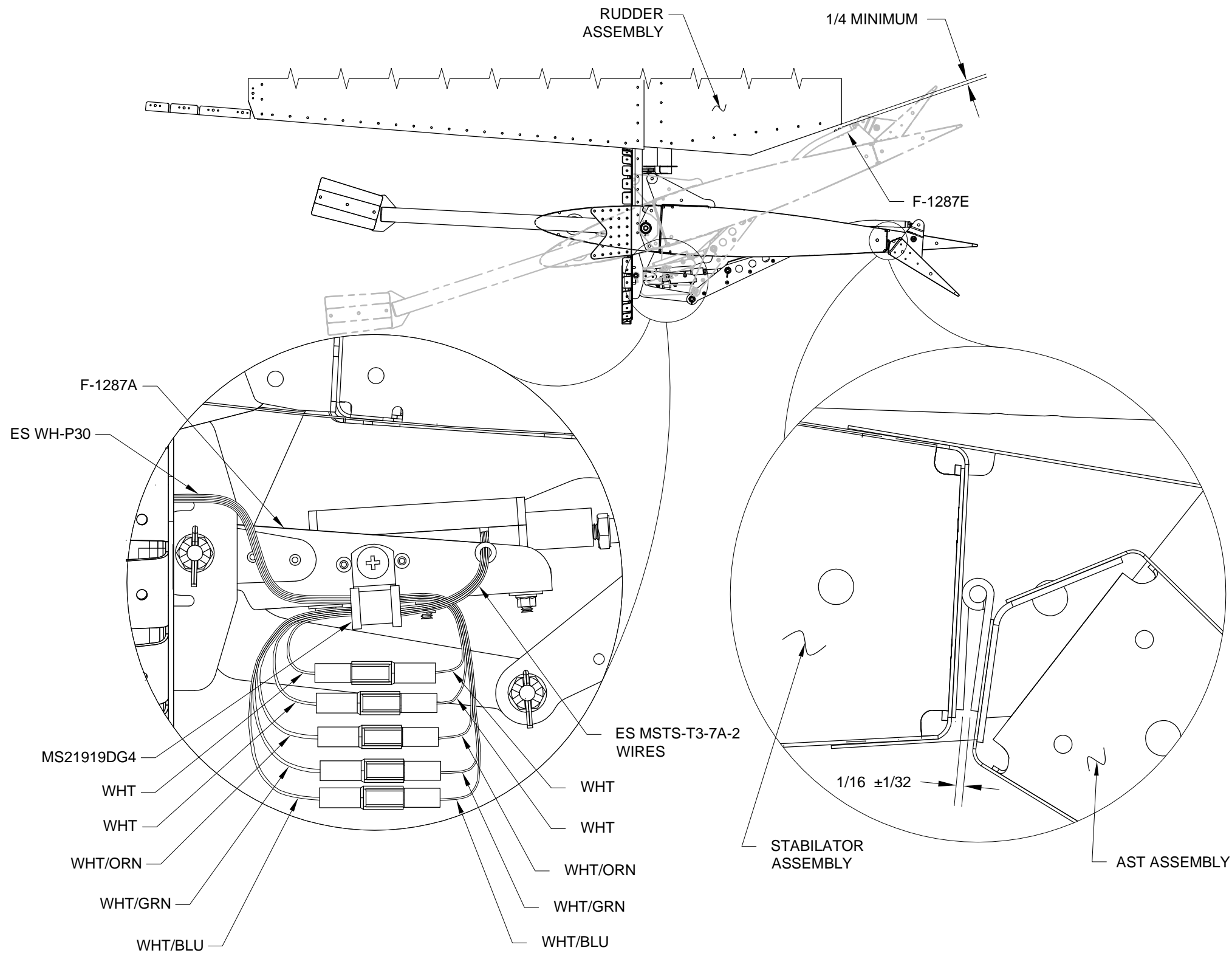


FIGURE 1:
AST ASSEMBLY TRAVEL