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Subject: CEN24LA366, Autopilot Pitch Servo Testing

Contact: Ian Mullins, Aviation Safety Inspector, Federal Aviation Administration, Nashville Flight Standards District Office

The autopilot pitch servo was examined under the supervision of Ian Mullins at Thom Duncan Avionics, Fayetteville, Tennessee. The pitch servo was bench checked, and the startup voltage was high when first tested, up to 2.5 vdc. After running, the startup voltage was normal, 1.5vdc. Slip torque was 35lbs, nominal slip for pitch in Cessna 172M. Servo bench check showed normal operation.