2. Adjustment/Test

Equipment and Material

Delay Lines 2, S601A7302 TF1X-1 (or equivalent)

Coaxial Attenuator 50 ±2dB at 4GHz Narda

NAV-401L Test Set, GSE Ref. No. 34-50-01 or equivalent (refer to ILLUSTRATED TOOL AND EQUIPMENT MANUAL)

NOTE: Ensure that racks, test stands, tool boxes, etc. are cleared from around the rear of the aircraft and that rear fuselage equipment bay door is closed.

A. Radio Altimeter System Operational Test

NOTE: Ensure that racks, test stands, tool boxes, etc. are cleared from around the rear of the aircraft and that rear fuselage equipment bay door is closed.

(1) Apply external electrical power (refer to Chapter 12).

(2) Ensure that Radio Altimeter, VHF Navigation System, Inertial Reference System and EFIS circuit breakers are closed (refer to Chapter 24).

(3) Ensure IRS is in NAV mode (refer to INERTIAL REFERENCE SYSTEM - MAINTENANCE PRACTICES).

(4) Tune the No. 1 and No. 2 VHF/NAV control units to a nearby localizer frequency. Ensure that the localizer pointer/rising runway display is on both EADIs.

NOTE: If no localizer signal is available, perform the Functional Test described in paragraph B.

(5) Open AFCS-FGC 1 and AFCS-FGC 2 circuit breakers (refer to Chapter 24).

(6) Rotate DH/TST switch on pilot's and copilot's EFIS display controller to select a 50 feet decision height display.

(7) On pilot's and copilot's EADI indicators check:

(a) The rising runway is enlarged and touching the airplane symbol.

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