



ROTARY TEST

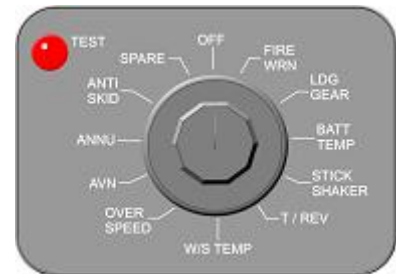
Battery Switch On

- APU On & APU GEN On (*if available*)
- Avionics Switch – On

FIRE WARN - 2 Lights

LDG GEAR - Three **Green**, One **Red**, Horn

Note: If the test is conducted with the BATT only, and the battery charge is low, you may not get the audio when the landing gear is tested. Use the APU or GPU to complete the test.



BATT TEMP - BATT O'HEAT >160° annunciator illuminates, the **MASTER WARNING** lights flash (**cancelable**), and the battery temperature gauge indicates 160°F.

AOA - Excel - Stick shakers on both control columns immediately operate. The AOA gauge needle swings to the top of the **red** band. The **red** chevron in the AOA indexer flashes (on glareshield above pilot instrument panel)

XLS - Stick shakers on both control columns will immediately operate. The AOA gauge needle swings to the top of the **red** band. The AOA indexer initially illuminates then extinguishes the amber chevron followed by the **green** “donut” leaving only the **red** chevron flashing.

T/REV - 6 Lights, **Master Warning** (**cancelable**)

W/S TEMP - Windshield heat selected ON, the W/S O'HEAT L–R annunciators illuminate steady for 3 to 4 seconds, then extinguish.

Conducting test prior to engine start, the W/S FAULT L–R annunciators illuminate steady (alternators are not operating). Conducting test with engines operating, the W/S FAULT and W/S O'HEAT lights illuminate for 3 to 4 seconds, then extinguish.

Note: If No W/S Temp Annunciator, Check that the W/S Anti-Ice Switch is turned ON

OVER SPEED - The avionics power switch must be ON for valid test indications.

Excel

- Audible overspeed warning signal sounds
- PFD 1 and PFD 2:
- ADC TEST (upper left)
- 265 KIAS (with red and white barber pole)
- 5,000 feet altitude
- 2,000 feet fpm climb

XLS

- The audible overspeed warning signal sounds
- PFD1/PFD2 should indicate approximately 265
- PFD1/PFD2 indicates Mach 0.4 (red)
- PFD1/PFD2 altitudes indicate 5,000 feet
- PFD1/PFD2 VSIs indicate 2,000 fpm climb

ANTI SKID - The ANTISKD INOP annunciator flashes for 6 seconds, then extinguishes. The **MASTERCATION** lights illuminate steady (cancelable)

Note: If No Anti-Skid Annunciator, Check that the Anti-Skid Switch is turned ON

ANNU - All 8s, Lights Check

Excel

- All lights on the annunciator panel illuminate.
- MASTER WARNING lights flash and MASTER CAUTION lights illuminate steady (noncancelable).
- Both red turbine overspeed lights flash.
- Engine instrument LCDs should indicate steady 8s.
- AP OFF annunciators illuminate steady.
- Flight director mode buttons illuminate left to right and remain steady.
- Annunciators to the right of the F/D mode panel should illuminate:
- FD/AP PFD 1—FD/AP PFD 2
- TERR NORM—TERR INHIBIT (optional)
- GPWS FLAP NORM—GPWS FLAP O'RIDE (optional)
- GPWS G/S—O'RIDE (optional)
- GPWS TEST (optional)
- PHONE CALL
- All autopilot control panel lights illuminate.
- Green light on the vapor cycle A/C panel illuminates.
- A pulsating aural horn sounds, combination of:
- Altitude alert horn (steady) and
- Phone call tone pulsating, (becomes steady when PHONE CALL button is depressed).

XLS

- All lights on the annunciator panel illuminate
- MASTER WARNING and MASTER CAUTION illuminate (not cancelable)
- All lights on the auxiliary annunciator switch panel illuminate
- Flight director selector mode buttons illuminate left to right and remain steady
- PFD 1 and PFD 2:
 - AP OFF
 - YD OFF
 - ROL TRIM
 - PIT TRIM
- All five autopilot control panel lights illuminate
- A steady altitude alert tone or a pulsating aural horn (optional phone) sounds for combination of altitude alert and phone call tone pulsating (becomes steady when PHONE CALL button is depressed).

AVN - Mode Selectors, Avionics Annunciators Lit

Excel

- AP PITCH MISTRIM
- AP ROLL MISTRIM
- RADOME FAN
- CHECK PFD 1, CHECK PFD 2
- Autopilot/flight director mode selector panel lights
- All annunciators to the right of the F/D mode panel illuminate.
- MASTER CAUTION lights illuminate steady (cancelable).
- Altitude alert horn sounds.

XLS

- Annunciator panel (these lights flash):
- MASTER CAUTION illuminates (cancelable)
- Flight director selector mode buttons illuminate left to right and remain on steady
- PFD 1 and PFD 2:
 - Auxiliary annunciator switch panel:
 - All five autopilot control panel lights illuminate
 - A steady altitude alert tone or a pulsating aural horn (optional phone) sounds for combination of altitude alert and phone call tone pulsating (becomes steady when PHONE CALL button is depressed)
- RADOME FAN
- CHECK PFD 1
- CHECK PFD 2
- AP OFF
- YD OFF
- ROL TRIM
- PIT TRIM
- TERR NORM/TERR INHIBIT

- TAWS FLAP NORM/TAWS FLAP O'RIDE
- TAWS G/S O'RIDE
- TAWS TEST
- FD/AP PFD1 and FD/AP PFD2
- CABIN TEMP CTL—NORM (RMT extinguished)
- AUDIO SPK/HPH and AUDIO HPH ONLY

Note: *If the Cockpit Panel Lights Switch in ON - You may not see the Landing Gear Lights and/or all annunciator lights properly. Ensure the Cockpit Panel Light Switch is Off prior to conducting the Rotary Test.*