IRS Panel

IRS OFF / NAV Select Switch

Moving IRS selectors from OFF to NAV begins a 10 minute (appx) alignment period.

A rapid alignment (appx 3 mins) may be accomplished by moving the IRS switches from NAV to OFF, then back to NAV within 5 seconds. Realignment will then be initialized with the existing attitude and heading. Velocities will be zeroed.

NAV OFF (light)

Extinguished – Alignment is complete, operating in NAV mode
Steady On – IRS system is either off, in align mode, or has failed
Flashing – Position not entered within ten minutes, present position does not agree with stored or calculated position in the IRU (within 1° latitude or 1° longitude) or the IRU has sensed motion during the alignment phase.

Movement of the first IRS switch from OFF to NAV (after a landing has occurred) will initiate the **Cargo Fire Test**

IRS computes:
Lat / Long
Attitude
Heading (Mag / True)
Velocity

Left EMER AC Bus

#1 AC BUS

Right EMER AC Bus