

IRS – Inertial Reference System

To align the IRS press the "POS INIT" button. The indication "POSITIONING" is displayed for 5 seconds.



After Positioning in latitude and longitude has been carried out, the data must be loaded into the CDU using one of the 3 "LOAD" keys

The IRS is located on the "pedestal", below the throttles. In the normal position, the selector knob should be at "NAV" and "NAV RDY" (NAV READY) is displayed.



In-flight realignment is possible by positioning the selection button on "ALIGN" for at least 2 seconds. The display will then show "ALIGN"



"NAV RDY" is displayed after 5 seconds. If the button is not returned to "NAV" a flashing "FAULT" message is displayed indicating that the selector has remained in "ALIGN" mode and must be returned to the "NAV" position.



If the selector is turned to "OFF" for more than 3 seconds, the IRS screen turns off and the positioning is reset.



The message "IRS1 FAILED" or "IRS2 FAILED" then appears on the CDU.



Returning the button to "NAV" starts the "ALIGN" then "NAV RDY" procedure again.

A "TEST" button displays all the possible indications on the IRS.



NOTE:

1 - The "ATT" (Attitude) position of the selector is equivalent to the "ALIGN" position. Whereas in reality, complex attitude and positioning calculations are performed, it is of little interest in the simulator.

2 - The delays of 2s and 3s to activate the "ALIGN, ATTT and OFF" positions conform to reality, making it possible to prevent an inadvertent change in the position of the button.