

## Talks Tech Ten – Flight Management, Navigation

Q1: During IRS alignment the right-hand window of the IRS Display unit will display minutes remaining until alignment with the display selector in which position?

A: HDG/STS

Q2: Moving the IRS selector from OFF to NAV momentarily illuminates which light?

A: ON DC

Q3: What latitudes does the IRS store magnetic variation data between?

A: 82°N and 82°S

Q4: With the loss of AC power in flight what happens to the IRSs?

A: They will operate powered by the switched hot battery bus but the right IRS is limited to 5 minutes.

Q5: What distance will the WX/TURB mode of the weather radar display detected turbulence within?

A: 40NM

Q6: What happens to entered FMC data if power is lost for more than 10 seconds on the ground?

A: It is lost

Q7: What does the FMC message INSUFFICIENT FUEL imply?

A: There will be less than 900kg/2000lbs of fuel at destination

Q8: What is the FMC wind direction referenced to?

A: True North

Q9: What does the DRAG REQUIRED message on the CDU indicate?

A: Airspeed in 10kts or more above FMC target speed or within 5kts of Vmo/Mmo

Q10: What information is available when operating the IRSs in ATT mode?

A: Attitude and magnetic heading (after manual entry following the supplementary procedure)