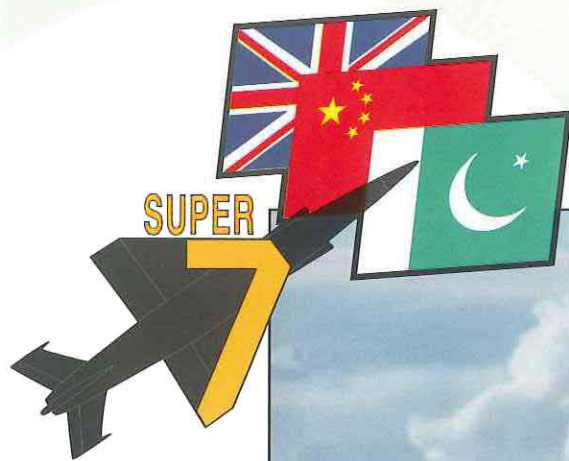


GEC-Marconi

Aerospace Systems



Super - 7 AVIONIC SYSTEM



A comprehensive Avionic System and Weapons Integration package from GEC Marconi for the Super-7 fighter aircraft ensures effective multi-role capability for Air Defence and Ground Attack missions through the 21st century

SUPER-7 AVIONICS - Supplied by a world leader in battle proven integrated avionic systems



• Mission Computers



• Head-Up Display



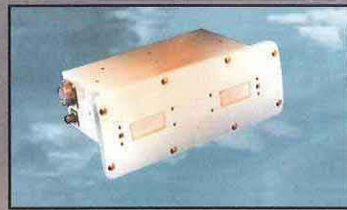
• Colour Multi-Function Displays



• Multi-Function Pulsed Doppler Radar



• Ring Laser Gyro Inertial Navigation System & GPS



• Radar Altimeter



• Stores Management System

System also includes:

- V/UHF Comms
- RWR
- IFF Transponder
- Full Weapons Integration
- Chaff/Flare System



• Helmet Mounted Sight



• Night Vision Goggles



• Sealed Video Recorder



• Data Transfer Unit



• ADC



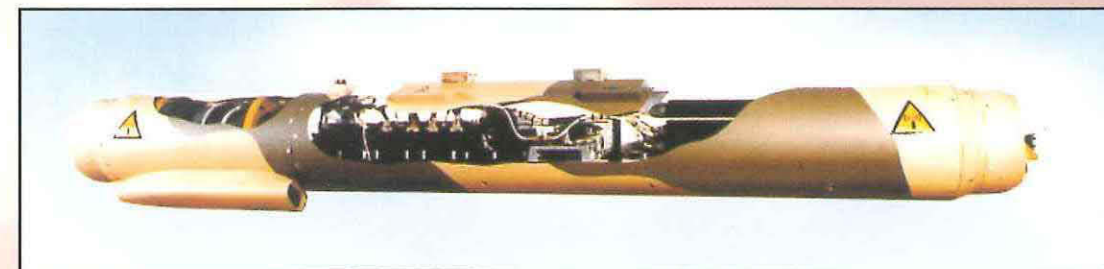
• IFF Interrogator



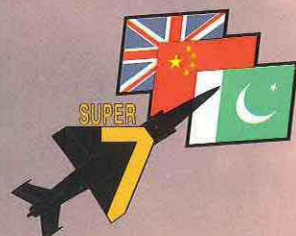
• Forward Looking Infra-Red (FLIR) Pod



• Thermal Image & Laser Designator Targeting Pod



• Radar Jamming Pod



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Technical Description

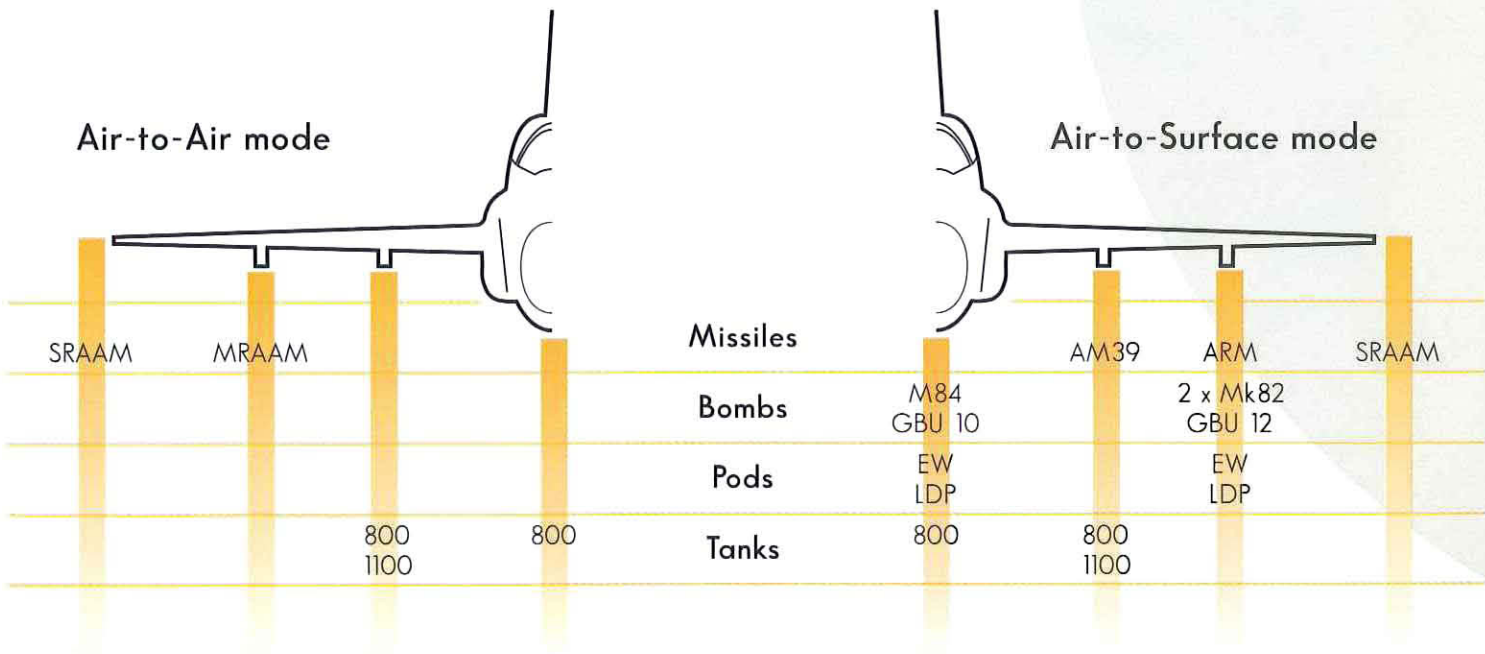


Modern Pilot Environment

- A natural ergonomic environment with low workload and high situation awareness
- Information integrated and presented in a manner promoting rapid decision/response
- Automatic moding of sensors and displays in response to pilot's commands
- Multi-Function colour displays in close proximity to HUD to maximise Head-Up operations
- Immediate comprehensive control of aircraft and weapon system functions via Hands On Throttle and Stick (HOTAS) controls
- High brightness, wide angle HUD plus latest technology weapon aiming computer leads to highly accurate weapon delivery

Weapon Management

- An extensive stores management system provides safe and reliable weapon control and release for a wide range of Air-to-Air and Air-to-Surface weapons



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