

TYPHOON PHASE 1 ENHANCEMENTS

TAKING MULTI-ROLE CAPABILITY TO A WHOLE NEW LEVEL

Phase 1 Enhancements (P1E): Delivering Full Effect

Typhoon is now even more potent, standing ready for air-to-air or air-to-surface tasks, or both within a single mission

Improved Performance

A range of 'Under the skin' upgrades

- Radar and sensor system enhancements
- Improved ability to identify threats and/or friendly forces
- Avionics upgrades including improved reliability through systems which can take over the functionality of others in the event of failure
- Better protection: Upgrades to the Defensive Aids Sub System (DASS)
- Improved communications: Upgrades to the Multifunction Information and Distribution Systems (MIDS) allowing realtime networking with allied forces
- Improved Maintainability: An enhanced maintenance data system to improve availability

Seamless Integration of Man and Machine

- Improved Cockpit displays making the right information available at the right time for the pilot
- A range of Navigation, Autopilot and Voice Input system improvements reducing pilot workload
- Using the HMSS helmet, the pilot can look at multiple air and surface targets, lock onto them, and then, by voice command, prioritise them

Enhanced Air-to-Surface Capability

Integration of the Paveway IV weapon provides enhanced Air-to-Surface capability with the ability to attack up to six separate targets in one pass using GPS guidance

Precision Attack

The Litening III Laser Designator Pod (LDP) provides high resolution targeting imagery and precision targeting information to the aircraft, pilot and weapon

Futureproofed...

The improvements delivered through P1E also help facilitate further capabilities over the next decade