

THALES



AESA RBE2 Radar

ACTIVE ELECTRONICALLY SCANNED ARRAY (AESA) RADAR FOR OMNIROLE FIGHTER

All radar functions are performed
in the same flight:

Air Defence

- Very long detection and track ranges
- Fully automatic, sorting and ranking of tracked targets
- Fully target tracks independent of search volume.

Deep low-level penetration

- Automatic terrain following and avoidance

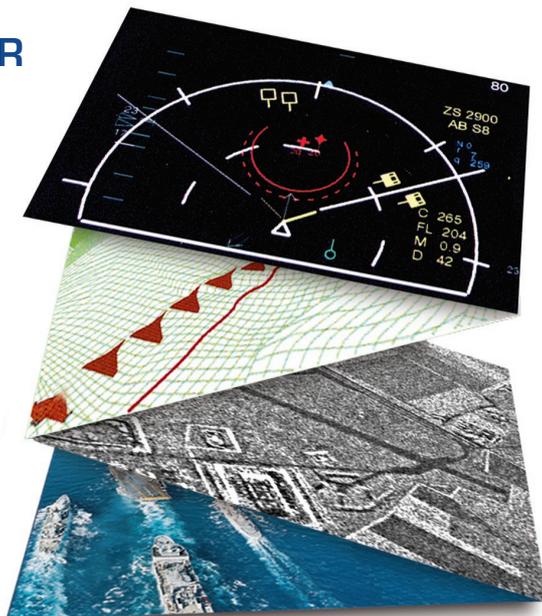
Strike mission

- En Route update of target area situation
- High resolution imagery modes (SAR) - Designations

Sea skimming attacks

- Detection and multi-tracking

Active electronic scanning makes it possible to switch radar modes quickly, thereby enabling operational functions to run simultaneously.



AESA has incorporated expertise coming from the current RBE2 Rafale radar, in the tradition of electronic scanning array radar.

The RBE2 has been in production since 1997 and was combat proven in multinational operations in 2001. It can be fitted on large or medium fighter aircraft.

