



F-35 Lightning II Program Brief

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What Is F-35 Lightning II?

The next generation “family” of strike fighters

- F-16/F/A-18C “like” aero performance
- Stealth Signature and Countermeasures
- Advanced avionics, data links and adverse weather precision targeting
- Increased range with internal fuel and weapons
- Highly supportable, state of the art prognostics and health management



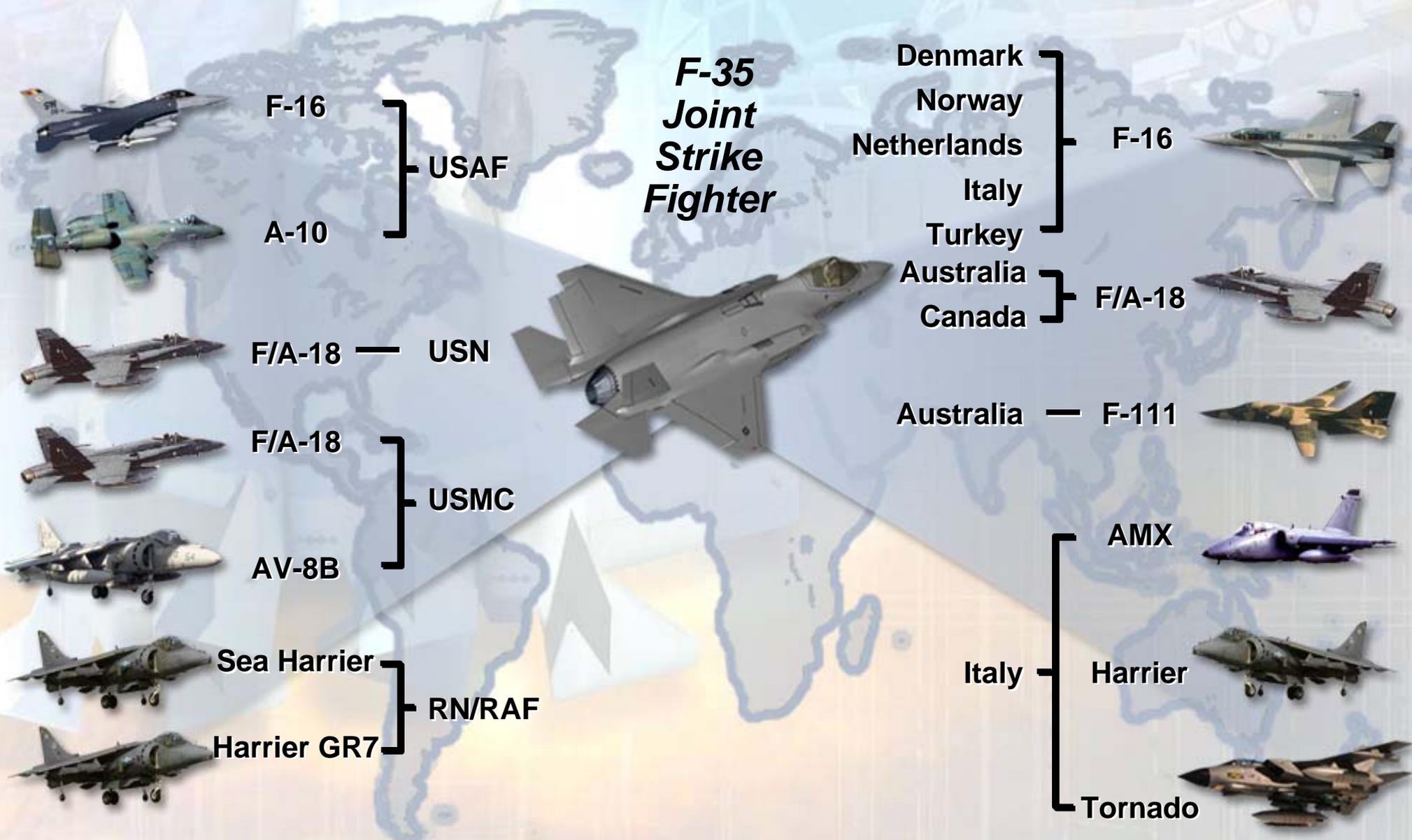
Lethal Survivable Supportable Affordable



F-35 Lightning II Enables True Joint/Coalition Operations

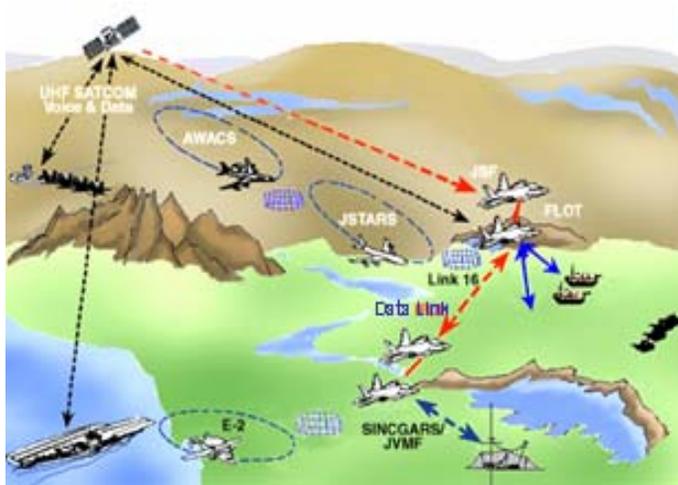
Domestic and UK

International

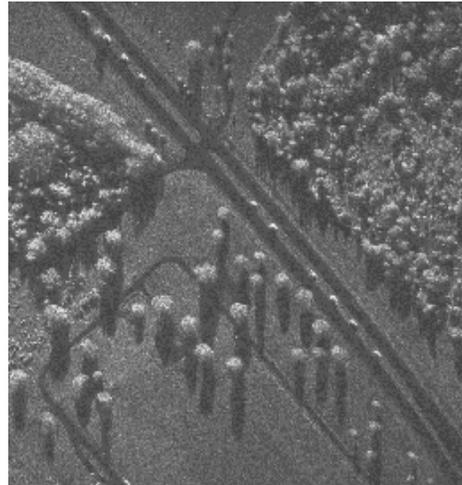




F-35 Lightning II Warfighter Capability



- Cooperative Ops
- Off-Board Connectivity



- Multi-Function AESA

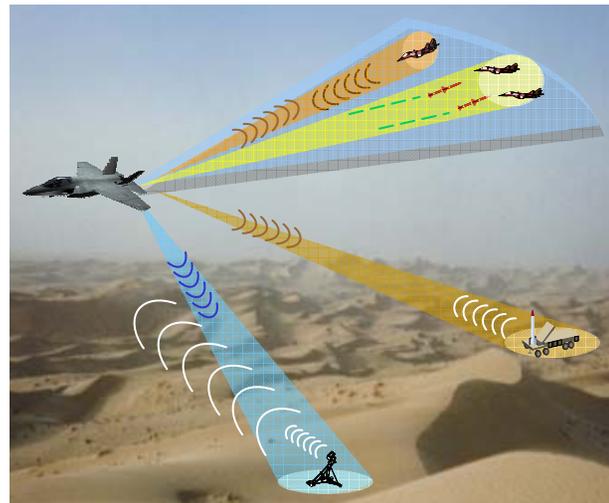


- EO Targeting

- Versatile Weapons Capability



- All Around Situation Awareness



- Passive Precision Emitter Location and Targeting



- Fused, Coherent Common Operational Picture



F-35 Lightning II Team

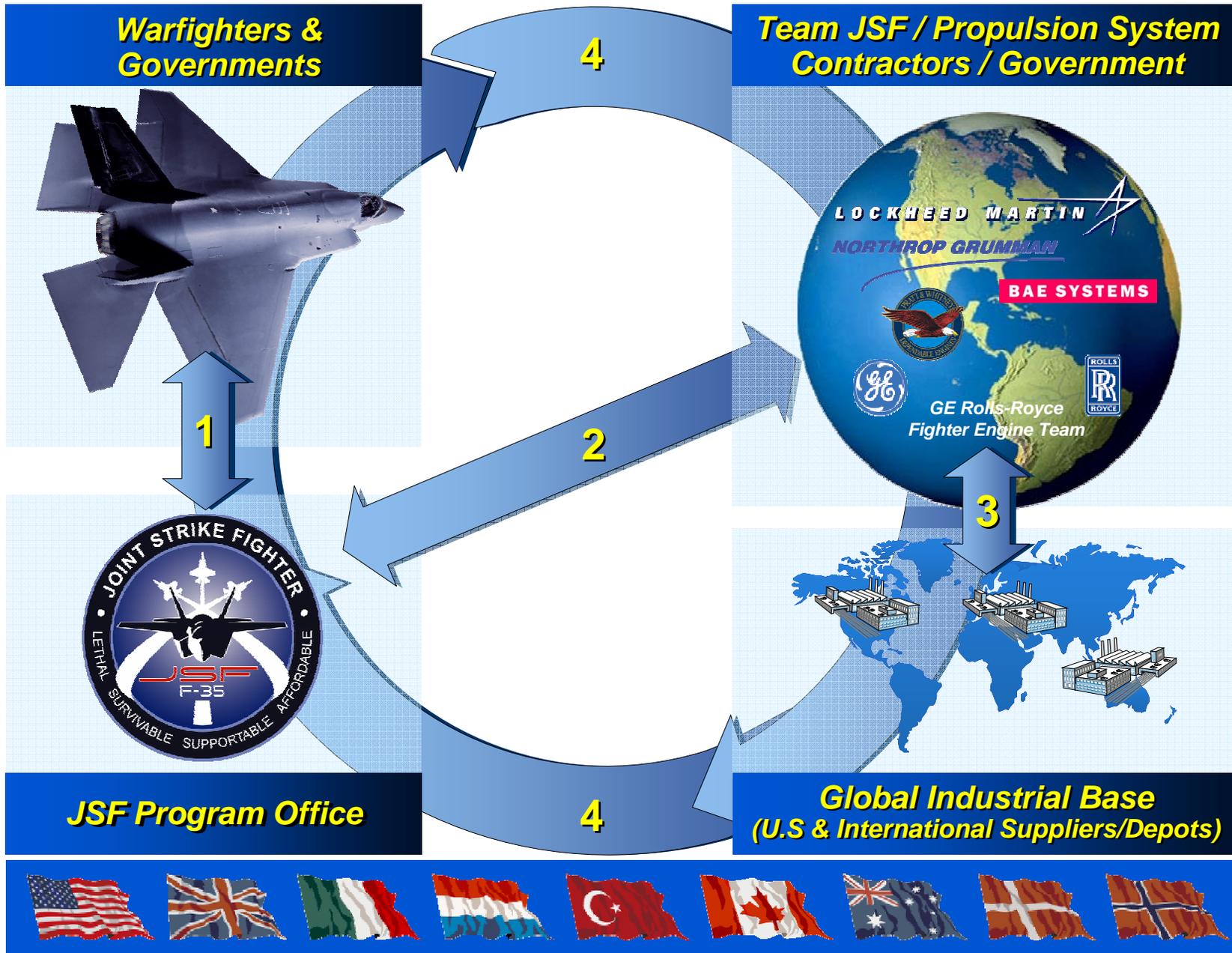


Broad Technology and Experience Base

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Global Sustainment Strategy





International Industry Participation

- **Objectives**

- Support International Best Value Use of Partner Industries
- Protect Appropriate US Technology and Capabilities

- **Challenges**

- Exporting a Stealth Aircraft
- Protect our sensitive technology
- US does not have all the answers
- Need for level playing field for Industrial Participation
- Normal Export License Process

- **Tools to Meet the Challenges**

- ITAR-Related
 - Global Project Authorization (GPA)
 - B&P Exemption
- Partner Industry Outreach Program
- DoD/US Industry Stakeholders Meetings
- Lockheed Martin Technology Roadmap



Questions