

# F47

## Advantages of the 6th Generation Airpower Technology

Explore the 6th generation's advanced features, delivering improved performance, efficiency, and innovation to meet future combat needs

### Stealth



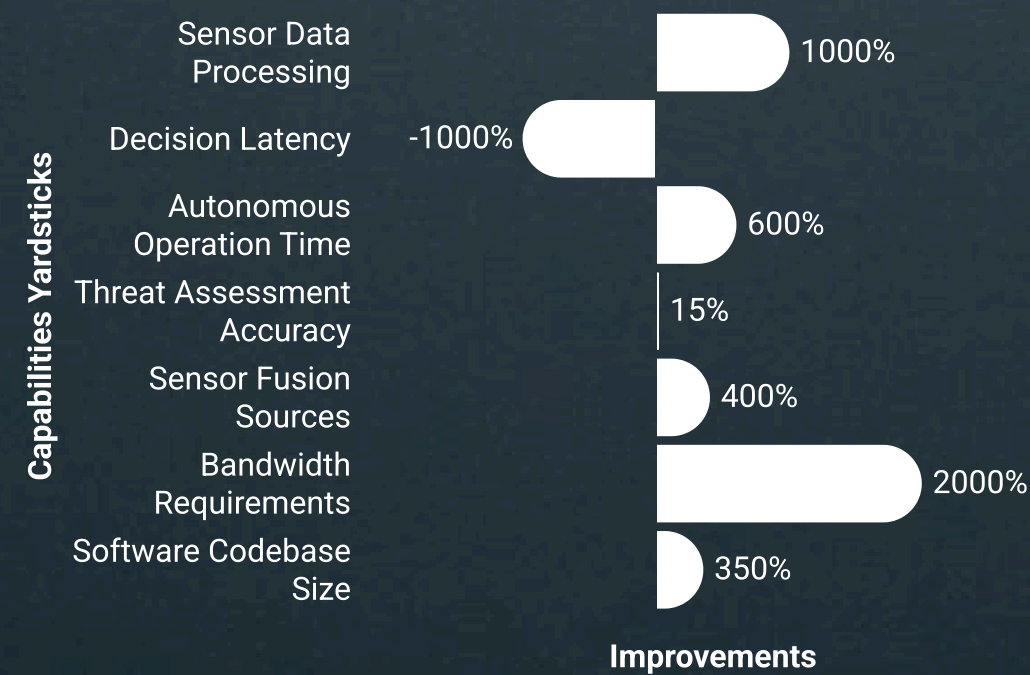
Enhanced stealth capabilities will make 6th generation fighters significantly harder to detect and track.



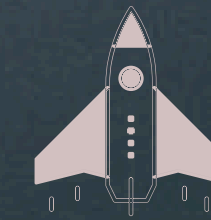
### AI Role



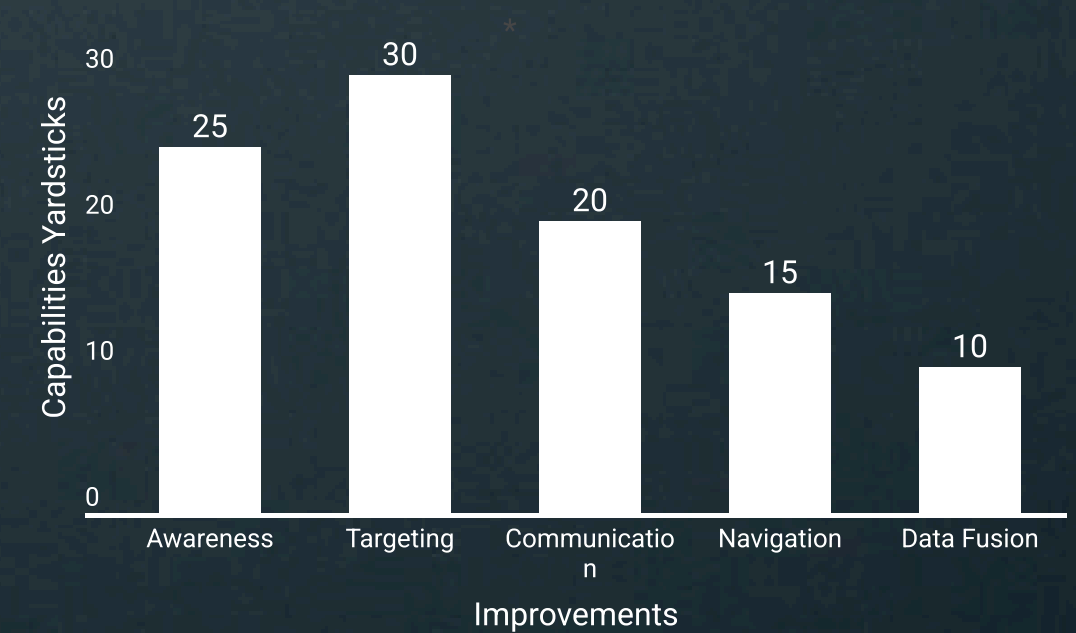
AI will enable autonomous operations and real-time data analysis in 6th generation fighters.



### Hypersonic



Incorporating hypersonic technology, these fighters aim for speeds exceeding Mach 5 for superior performance.



Please note that a negative percentage in the F-47 Airfighter indicates an improvement in capability levels

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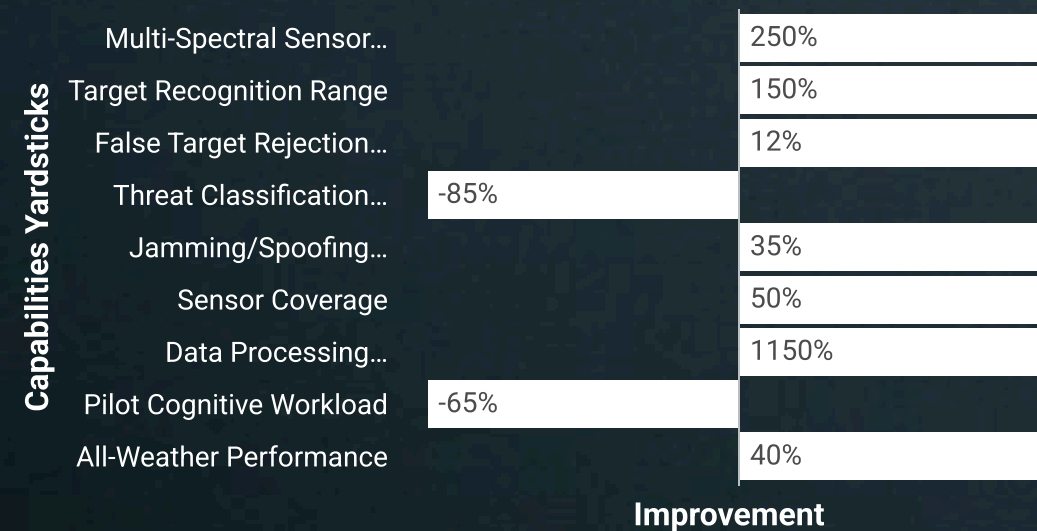
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### Sensors



Next-gen sensors and avionics offer enhanced situational awareness and improved communication systems.

#### Improved Sensors & Avionics Capabilities

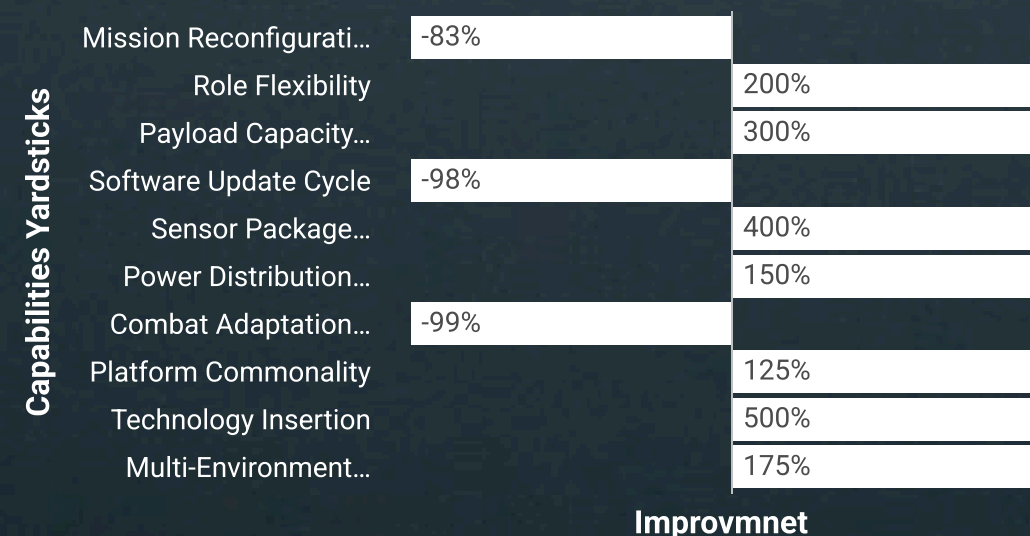


### Modular Design



Modular and adaptive designs allow these fighters to feasibly adapt to emerging threats and technologies, enhancing versatility.

#### Modular & Adaptive Design Improvement

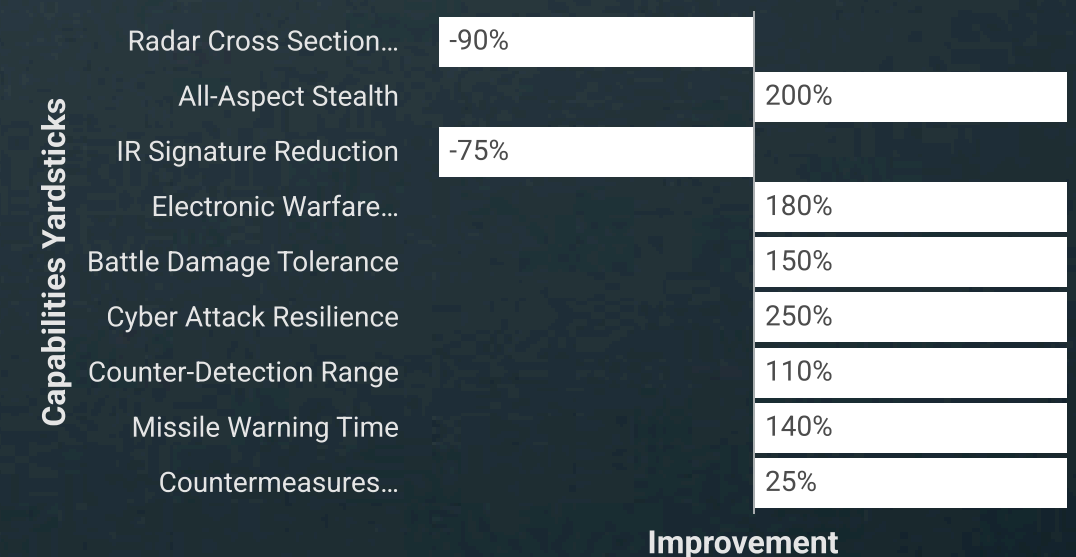


### Survivability



With advanced materials, these fighters will have a reduced radar cross-section enhancing their survivability.

#### Survivability Improvement



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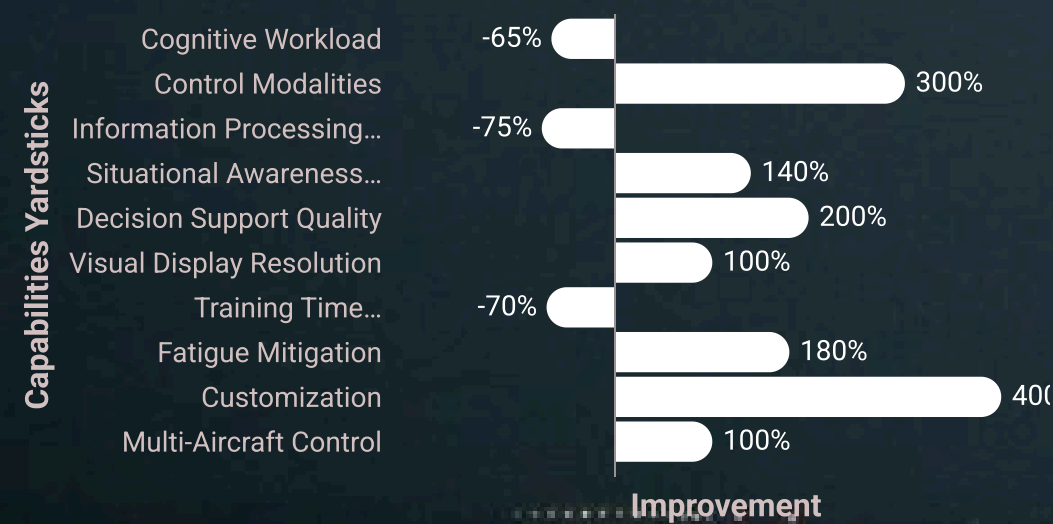
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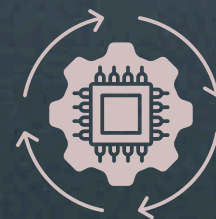
### Pilot Interface



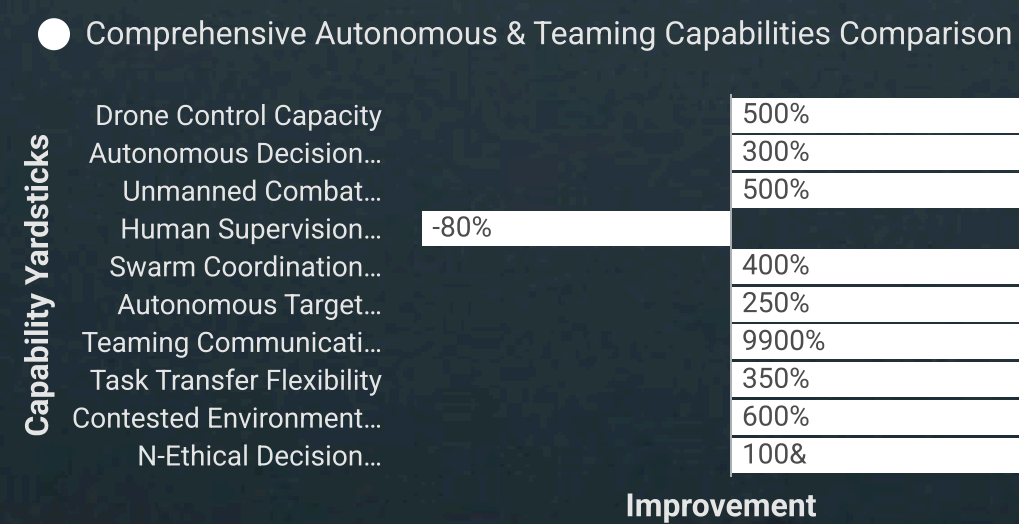
Pilot interfaces, including augmented reality and brain-computer interfaces, may enhance pilot situational awareness and decision-making.



### Autonomous & Manned-Unmanned Teaming



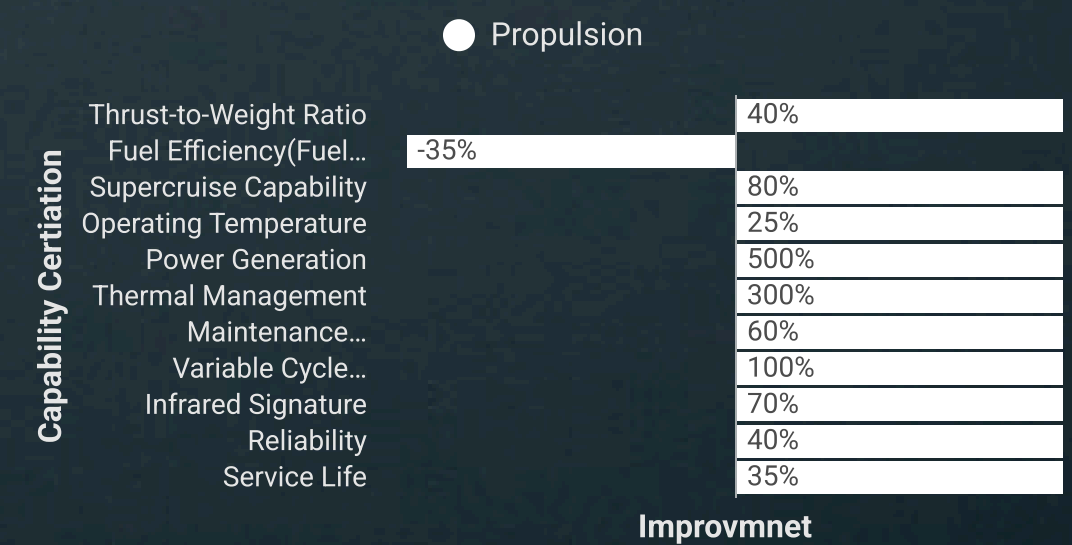
6th-generation fighters may be designed to operate autonomously or in tandem with unmanned aerial vehicles (UAVs), enhancing their effectiveness and survivability.



### Propulsion



Advanced propulsion systems like hybrid-electric engines will improve efficiency and range.



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### GAME CHANGER # 1

#### Directed Energy Weapons



**Directed Energy Weapons:** Integration of directed energy weapons, such as lasers or microwave systems, could revolutionize air-to-air combat.

### GAME CHANGERS # 2

#### Advanced Materials and Manufacturing



**Advanced Materials and Manufacturing:** New materials and techniques like 3D printing enable complex shapes, reducing weight and boosting performance.

### GAME CHANGERS # 3

#### Quantum Computing & Cybersecurity



**Quantum Computing & Cybersecurity:** The integration of quantum computing and advanced cybersecurity measures could provide unparalleled levels of security and processing power.