### F-35 Lightning II Program Status and Fast Facts

**April 4, 2022**

#### Program Status

- **Aircraft Delivered**
  - 780+

- **Flight Hours**
  - 500,000+

#### Operational Missions by Service

- **USAF, USN, and USMC**
  - 7

- **RAF and RN**
  - 12

#### Services Flying

- **Pilots**
  - 1,630+

- **Maintainers**
  - 11,890+

- **Sorties**
  - 291,385

#### Services Declared IOC

- **USAF, USN, and USMC**
  - 100

- **RAF and RN**
  - 52

#### Nations Operating on Home Soil

- **Total Current Activations:** 34

- **Bases:**
  - 25/43

- **Ships:**
  - 9/19

- **Detachments and Deployments Completed:** 276+

#### The Path to 500K Flight Hours

- **2000** All variants of F-35 complete first flight test.
- **2006** F-35 Lightning II AA-1 completes its first flight.
- **2008** F-35B completes its first flight.
- **2010** F-35C completes its first flight.
- **2011** First production F-35, AF-6, completes its first flight.
- **2017** F-35 Global fleet surpasses 100,000 Flight Hours without a single crash.
- **2018** F-35 completes most comprehensive flight test program in aviation history.
- **2020** First Female Airmen deployed for historic combat launch.
- **2021** F-35 Global fleet surpasses 400,000 Flight Hours.
- **2022** F-35 Global fleet surpasses 500,000 Flight Hours.

#### F-35 Program Participants

- **U.S.A.**
  - USAF 1,763 F-35As
  - DoN 693 F-35B/Cs

- **U.K.**
  - RAF/RN 138 F-35s

- **ITALY**
  - 40 F-35As/30 F-35Bs

- **NETHERLANDS**
  - 46 F-35As

- **AUSTRALIA**
  - 100 F-35As

- **NORWAY**
  - 52 F-35As

- **DENMARK**
  - 27 F-35As

- **CANADA**
  - 88 F-35As

- **ISRAEL**
  - 50 F-35As

- **JAPAN**
  - 105 F-35As/42 F-35Bs

- **REPUBLIC OF KOREA**
  - 40 F-35As

- **BELGIUM**
  - 34 F-35As

- **POLAND**
  - 32 F-35As

- **SINGAPORE**
  - 4 F-35Bs

- **FINLAND**
  - 64 F-35A

#### Recent Milestones

- Canada selects the F-35 as the preferred bidder to move into the finalization phase of their competition. **March 28**
- The U.S. Air Force generates and launches 42 F-35As during a training exercise in Alaska. **March 25**
- South Korea conducts a training exercise with more than two dozen F-35s. **March 25**
- Marine Attack Squadron 214 formally transitions from the AV-8B Harrier to the F-35B. **March 25**
- Germany confirms its intent to procure F-35A aircraft. **March 14**
**F-35 Engineering for Sustainment**

Reliability: Mean Flight Hour Between Failure

- F-35A: 6.0
- F-35B: 4.0
- F-35C: 4.4

Maintainability: Maintenance Man Hour Per Flight Hour

- F-35A: 9.0
- F-35B: 5.8
- F-35C: 9.0

Cost Per Flight Hour*

45% Reduction Since 2015

*Lockheed Martin owned portion of CPFH

**F-35 Sustainment Delivering Today**

- Base/Pilot Training
- Base/Ship
- Future Base/Ship*
- Modifications

**Ship Activations**

- USS Essex
- USS WASP
- USS America
- HMS Queen Elizabeth
- USS Carl Vinson
- ITS Cavour
- USS Makin Island
- USS Abraham Lincoln
- HMS Prince of Wales
- USS Tripoli 2022
- USS Boxer 2022
- USS George Washington 2023
- USS Kearsarge 2024
- USS Theodore Roosevelt 2025
- USS John C. Stennis 2025
- USS Bataan 2026
- USS Gerald R Ford 2026
- USS Bougainville 2026
- JS Izumo 2027

**Regional Warehouse Standup**

4/5

**Depot Air Vehicle Activations (2020)**

6/6

**Component Repair Activations (Through 2027)**

38/68

All information current as of April 4, 2022

For additional questions and the latest data, please contact Laura Siebert or Brett Ashworth.