F-35 Lightning II Program Status and Fast Facts

Program Status

Flight Hours

360,001

27

Bases Worldwide

1,270+

10,075+

Pilots

Maintainers

615+

Aircraft Delivered

9 Nations

Operating F-35s on Home Soil

10 Services

Declared IOC

6 Services

Have Conducted F-35 Operational Missions

Recent Milestones

- Airmen from Hill Air Force Base, Utah deploy F-35A for Red Flag 21-1 combat exercise. January 26
- Royal Danish pilot flies Denmark’s first F-35 sortie. January 15
- First Danish F-35 Lightning II aircraft rolls out of Fort Worth, Texas factory. January 13
- The U.S. Air Force selects the 301st Fighter Wing, Naval Air Station Joint Reserve Base, Fort Worth, Texas, as the Air Force Reserve Command F-35A Lightning II operational beddown location. January 8
- Pentagon and Lockheed Martin Agree to $1.28B F-35 Sustainment Contract. January 6

Program Cost LRIP 12-14 Cost

<table>
<thead>
<tr>
<th></th>
<th>Lot 12</th>
<th>Lot 13</th>
<th>Lot 14</th>
<th>% Reduction from Lot 11</th>
</tr>
</thead>
<tbody>
<tr>
<td>F-35A</td>
<td>$82.4M</td>
<td>$79.2M</td>
<td>$77.9M</td>
<td>12.8%</td>
</tr>
<tr>
<td>F-35B</td>
<td>$108.0M</td>
<td>$104.8M</td>
<td>$101.3M</td>
<td>12.3%</td>
</tr>
<tr>
<td>F-35C</td>
<td>$103.1M</td>
<td>$98.1M</td>
<td>$94.4M</td>
<td>13.2%</td>
</tr>
</tbody>
</table>

Greater than 70% unit cost reduction since Lot 1

F-35 Sustainment

- Cost Per Flight Hour
  - 40% Reduction since 2015

- Mission Capable Rates
  - 72% +13% from 2019

- Transition to ODIN
  - 80% Reduction in hardware footprint

Program of Record

- U.S.A. USAF 1,763 F-35As
  - DoD 693 F-35B/Cs
  - IOC: USMC: 7/15, USAF 8/16, USN 2/19
- U.K. RAF/RN 138 F-35s
  - IOC RAF: 1/19, qIOC RN: 12/20
- Italy
  - 60 F-35As/30 F-35Bs
  - IOC: 12/18
- Netherlands
  - 46 F-35As
- Australia
  - 100 F-35As
  - IOC: 12/20
- Norway
  - 52 F-35As
  - IOC: 11/19
- Denmark
  - 27 F-35As

Foreign Military Sales

- Canada 88 F-35As
  - IOC: 12/17
- Israel
  - 50 F-35As
  - IOC: IAF: 12/17
- Japan
  - 105 F-35As
  - IOC: 3/19
- Republic of Korea
  - 40 F-35As
- Belgium
  - 34 F-35As
- Poland
  - 32 F-35As
- Singapore
  - 4 F-35Bs
**Economic Impact**
- 1,900+ top-tier suppliers around the globe, including more than 1,800 U.S. and Puerto Rico-based suppliers.
- Final Assembly factories in Fort Worth, Texas; Cameri, Italy; and Nagoya, Japan
- Suppliers located in 48 U.S. states and Puerto Rico
- Over 254,000 direct and indirect jobs supported in the US
- Over $49 billion total economic impact in the US

**F-35 Lightning II**

### F-35A
- Length: 51.4 ft / 15.7 m
- Height: 14.4 ft / 4.38 m
- Wingspan: 35 ft / 10.7 m
- Wing area: 460 ft² / 42.7 m²
- Horizontal tail span: 22.5 ft / 6.86 m
- Weight empty: 29,300 lb
- Internal fuel capacity: 18,250 lb / 8,278 kg
- Weapons payload: 18,000 lb / 8,160 kg
- Standard internal weapons load:
  - 25 mm GAU-22/A cannon
  - Two AIM-120C/D air-to-air missiles
  - Two 2,000-pound GBU-31 JDAM guided bombs
- Maximum weight: 70,000 lb class
- Propulsion* (uninstalled thrust ratings): F135-PW-100
- Speed (full internal weapons load): Mach 1.6 (~1,200 mph)
- Combat radius (internal fuel): >590 nm / 1,093 km (USAF profile)
- Range (internal fuel): >1,200 nm / 2,200 km (USAF profile)
- Max g-rating: 9.0

### F-35B
- Length: 51.2 ft / 15.6 m
- Height: 14.3 ft / 4.36 m
- Wingspan: 35 ft / 10.7 m
- Wing area: 460 ft² / 42.7 m²
- Horizontal tail span: 21.8 ft / 6.65 m
- Weight empty: 32,300 lb
- Internal fuel capacity: 13,500 lb / 6,125 kg
- Weapons payload: 15,000 lb / 6,800 kg
- Standard internal weapons load:
  - Two AIM-120C/D air-to-air missiles
  - Two 1,000-pound GBU-32 JDAM guided bombs
- Maximum weight: 60,000 lb class
- Propulsion* (uninstalled thrust ratings): F135-PW-600
- Speed (full internal weapons load): Mach 1.6 (~1,200 mph)
- Combat radius (internal fuel): >450 nm / 833 km (USMC profile)
- Range (internal fuel): >900 nm / 1,667 km (USMC profile)
- Max g-rating: 7.0

### F-35C
- Length: 51.5 ft / 15.7 m
- Height: 14.7 ft / 4.48 m
- Wingspan: 43 ft / 13.1 m
- Wing area: 668 ft² / 62.1 m²
- Horizontal tail span: 26.3 ft / 8.02 m
- Weight empty: 34,800 lb
- Internal fuel capacity: 19,750 lb / 8,960 kg
- Weapons payload: 18,000 lb / 8,160 kg
- Standard internal weapons load:
  - Two AIM-120C/D air-to-air missiles
  - Two 2,000-pound GBU-31 JDAM guided bombs
- Maximum weight: 70,000 lb class
- Propulsion* (uninstalled thrust ratings): F135-PW-100
- Speed (full internal weapons load): Mach 1.6 (~1,200 mph)
- Combat radius (internal fuel): >600 nm / 1,100 km (USN profile)
- Range (internal fuel): >1,200 nm / 2,200 km (USN profile)
- Max g-rating: 7.5

**Global Presence**

All information current as of February 1, 2021

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