F-35 Lightning II Program Status and Fast Facts

**Program Status**
- **500+** Aircraft Delivered
- **268,001** Flight Hours
- **985+** Pilots
- **8,890+** Maintainers
- **9 Nations** Operating F-35s on Home Soil
- **8 Services** Declared IOC
- **5 Services** Have Conducted F-35 Operational Missions

**Recent Milestones**
- Lockheed Martin delivers 500th F-35 aircraft and surpasses 250,000 fleetwide flights hours. March 3
- The United Kingdom, Australia and Canada open F-35 Reprogramming Laboratory at Eglin Air Force Base, Florida. February 24
- The 388th and 419th Fighter Wings reach "full warfighting capability" with the F-35A at Hill Air Force Base, Utah. February 20
- Norwegian Air Force deploys F-35s on first international operation in Iceland in support of NATO mission. February 20
- United Kingdom F-35s flown by the 617 Squadron took part in their first Red Flag Exercise at Nellis Air Force Base, Nevada. February 14

**Program Cost**
- **LRIP 12-14 Cost**
  - **F-35A**
    - Lot 12: $82.4M
    - Lot 13: $79.2M
    - Lot 14: $77.9M
    - % Reduction from Lot 11: 12.8%
  - **F-35B**
    - Lot 12: $108.0M
    - Lot 13: $104.8M
    - Lot 14: $101.3M
    - % Reduction from Lot 11: 12.3%
  - **F-35C**
    - Lot 12: $103.1M
    - Lot 13: $98.1M
    - Lot 14: $94.4M
    - % Reduction from Lot 11: 13.2%

**F-35 Production**
- Greater than 70% unit cost reduction since Lot 1

**Program of Record**
- U.S.A.
  - USAF 1,763 F-35As
  - DoN: 693 F-35B/Cs
  - IOC: USMC: 7/19, USAF 8/16, USN 2/19
- U.K.
  - RAF/RN 138 F-35s
  - IOC: 1/19
- Italy
  - 60 F-35As/30 F-35Bs
  - IOC: 12/18
- Netherlands
  - 46 F-35As
- Australia
  - 100 F-35As
- Norway
  - 52 F-35As
  - IOC: 11/19
- Denmark
  - 27 F-35As
- Canada
  - 80 F-35As
- Israel
  - 50 F-35As
  - IOC: IAF: 12/17
- Japan
  - 105 F-35As/62 F-35Bs
  - IOC: 3/19
- Republic of Korea
  - 40 F-35As
- Belgium
  - 34 F-35As
- Poland
  - 32 F-35As
- Belgium
  - 34 F-35As
- Poland
  - 32 F-35As

**Foreign Military Sales**
- Israel
  - 50 F-35As
  - IOC: IAF: 12/17
- Japan
  - 105 F-35As/62 F-35Bs
  - IOC: 3/19
- Republic of Korea
  - 40 F-35As
- Belgium
  - 34 F-35As
- Poland
  - 32 F-35As
Global Presence

Economic Impact
- 1,500+ top-tier suppliers around the globe, including more than 1,400 U.S. and Puerto Rico-based suppliers.
- Final Assembly factories in Fort Worth, Texas; Cameri, Italy; and Nagoya, Japan
- Suppliers located in 45 U.S. states and Puerto Rico
- Over 220,000 direct and indirect jobs supported in the US
- Over $44.2 billion of total economic impact

F-35 Lightning II Specs

<table>
<thead>
<tr>
<th>Spec Type</th>
<th>F-35A</th>
<th>F-35B</th>
<th>F-35C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>51.4 ft / 15.7 m</td>
<td>51.2 ft / 15.6 m</td>
<td>51.5 ft / 15.7 m</td>
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<tr>
<td>Height</td>
<td>14.4 ft / 4.38 m</td>
<td>14.3 ft / 4.36 m</td>
<td>14.7 ft / 4.48 m</td>
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<tr>
<td>Wingspan</td>
<td>35 ft / 10.7 m</td>
<td>35 ft / 10.7 m</td>
<td>43 ft / 13.1 m</td>
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<tr>
<td>Wing area</td>
<td>460 ft² / 42.7 m²</td>
<td>460 ft² / 42.7 m²</td>
<td>668 ft² / 62.1 m²</td>
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<tr>
<td>Horizontal tail span</td>
<td>22.5 ft / 6.86 m</td>
<td>21.8 ft / 6.65 m</td>
<td>26.3 ft / 8.02 m</td>
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<tr>
<td>Weight empty</td>
<td>29,300 lb</td>
<td>32,300 lb</td>
<td>34,800 lb</td>
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<tr>
<td>Internal fuel capacity</td>
<td>18,250 lb / 8,278 kg</td>
<td>13,500 lb / 6,125 kg</td>
<td>19,750 lb / 8,960 kg</td>
</tr>
<tr>
<td>Weapons payload</td>
<td>18,000 lb / 8,160 kg</td>
<td>15,000 lb / 6,800 kg</td>
<td>18,000 lb / 8,160 kg</td>
</tr>
</tbody>
</table>

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
- Two AIM-120C/D air-to-air missiles
- Two 1,000-pound GBU-32 JDAM guided bombs
- Two AIM-120C/D air-to-air missiles
- Two 2,000-pound GBU-31 JDAM guided bombs

Maximum weight
- 70,000 lb class
- 60,000 lb class
- 70,000 lb class

Propulsion* (uninstalled thrust ratings)
- F135-PW-100 40,000 lb Max.
- 25,000 lb Mil. Vertical N/A
- F135-PW-600 40,000 lb Max.
- 25,000 lb Mil. 40,500 lb Vertical
- F135-PW-100 40,000 lb Max.
- 25,000 lb Mil. Vertical N/A

Speed (full internal weapons load)
- Mach 1.6 (~1,200 mph)
- Mach 1.6 (~1,200 mph)
- Mach 1.6 (~1,200 mph)

Combat radius (internal fuel)
- >590 nm / 1,093 km [USAF profile]
- >450 nm / 833 km [USMC profile]
- >600 nm / 1,100 km [USN profile]

Range (internal fuel)
- >1,200 nm / 2,200 km [USAF profile]
- >900 nm / 1,667 km [USMC profile]
- >1,200 nm / 2,200 km [USN profile]

Max g-rating
- 9.0
- 7.0
- 7.5

All information current as of March 4, 2020
For additional questions and the latest data, please contact Laura Siebert or Brett Ashworth.