F-35 Lightning II Program Status and Fast Facts

Program Status

- **491** Aircraft Delivered
- **24,001** Flight Hours
- **21** Bases Worldwide
- **975+** Pilots
- **8,585+** Maintainers

9 Nations Operating F-35s on Home Soil

- USA
- UK
- France
- Germany
- Italy
- Japan
- South Korea
- Australia
- Canada

8 Services Declared IOC

- USAF
- USN
- USMC
- RAF
- RN
- Netherlands
- Turkey*
- Australia

4 Services Have Conducted F-35 Combat Operations

- USAF
- USMC
- RAF
- RN

Recent Milestones

- Lockheed Martin Delivers 134 F-35s in 2019; Exceeding Annual Commitment. **December 30**
- Three F-35s arrive at 158th Fighter Wing, Vermont Air National Guard for permanent basing. **December 5**
- Lockheed Martin outlines F-35 training and maintenance infrastructure. **December 3**
- United Kingdom F-35s complete tests onboard HMS Queen Elizabeth to support WESTLANT19 deployment. **November 26**
- Israeli and Italian F-35s deliver survivability and demonstrate connectivity at Blue Flag 2019 at Uvda Air Force Base, Israel — the first multinational exercise held in Israel involving F-35s. **November 21**

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

**New!** F-35 Production

*Planned delivery quantities beyond 2018 are approximate based on the current F-35 production profile.

![F-35 Production Chart](image)

Program of Record

- **U.S.A.**
  - USAF: 1,763 F-35As
  - FDN: 493 F-35B/Cs
  - IOC: USMC: 7/15
  - 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**
  - 37 F-35As
  - IOC: 1/18
- **Turkey** *
  - 100 F-35As
- **Australia**
  - 100 F-35As
- **Spain**
  - 52 F-35As
  - IOC: 11/19
- **Denmark**
  - 27 F-35As
- **Canada**
  - 88 F-35As
- **Israel**
  - 50 F-35As
  - IOC: IAF: 12/17
- **Japan**
  - 105 F-35As/42 F-35Bs
  - IOC: 3/19
- **Republic of Korea**
  - 48 F-35As
- **Belgium**
  - 34 F-35As

Foreign Military Sales

- **France**
- **Germany**
- **Italy**
- **Netherlands**
- **Turkey** *
- **United Kingdom**

*The Department of Defense announced plans on July 17, 2019 to remove Turkey from the F-35 program.*
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

Global Presence

F-35 Lightning II

### F-35A
- F135-PW-100
- 70,000 lb class
- Mach 1.6 (1,200 mph)

### F-35B
- F135-PW-600
- 60,000 lb class
- Mach 1.6 (1,200 mph)

### F-35C
- F135-PW-100
- 70,000 lb class
- Mach 1.6 (1,200 mph)

**F-35 Lightning II Specs**

<table>
<thead>
<tr>
<th>Component</th>
<th>F-35A</th>
<th>F-35B</th>
<th>F-35C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length</strong></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>
</tr>
<tr>
<td><strong>Height</strong></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>
</tr>
<tr>
<td><strong>Wingspan</strong></td>
<td>35 ft / 10.7 m</td>
<td>35 ft / 10.7 m</td>
<td>43 ft / 13.1 m</td>
</tr>
<tr>
<td><strong>Wing area</strong></td>
<td>460 ft² / 42.7 m²</td>
<td>460 ft² / 42.7 m²</td>
<td>668 ft² / 62.1 m²</td>
</tr>
<tr>
<td><strong>Horizontal tail span</strong></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>
</tr>
<tr>
<td><strong>Weight empty</strong></td>
<td>29,300 lb</td>
<td>32,300 lb</td>
<td>34,800 lb</td>
</tr>
<tr>
<td><strong>Internal fuel capacity</strong></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><strong>Weapons payload</strong></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>
<tr>
<td><strong>Standard internal weapons load</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>25 mm GAU-22/A cannon</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two AIM-120C/D air-to-air missiles</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Two 2,000-pound GBU-31 JDAM guided bombs</td>
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</tr>
<tr>
<td><strong>Max g-rating</strong></td>
<td>9.0</td>
<td>7.0</td>
<td>7.5</td>
</tr>
<tr>
<td><em><em>Propulsion</em> (uninstalled thrust ratings)</em>*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F135-PW-100</td>
<td>40,000 lb Max.</td>
<td>40,000 lb Max.</td>
<td>40,000 lb Max.</td>
</tr>
<tr>
<td>25,000 lb Mil. Vertical N/A</td>
<td>25,000 lb Mil.</td>
<td>25,000 lb Mil.</td>
<td>25,000 lb Mil.</td>
</tr>
</tbody>
</table>

All information current as of January 2, 2020.
For additional questions and the latest data, please contact Brett Ashworth.