F-35 Lightning II Program Status and Fast Facts

495+ Aircraft delivered

9 Nations
Nations Operating F-35s on Home Soil

8 Services
Declared IOC

4 Services
Have Conducted F-35 Combat Operations

985+ Pilots
8,770+ Maintainers

Flight Hours

258,000

Bases Worldwide

Recent milestones

• Poland signs Letter of Offer and Acceptance for 32 F-35As. **January 31**
• The U.S. Marine Corps receives first F-35C at Marine Corps Air Station Miramar for permanent basing. **January 22**
• Two F-35s work the U.S. Army Integrated Air and Missile Defense Battle Command System. **January 22**
• Israel Air Force inaugurates its second F-35 squadron. **January 16**
• Fifty-two U.S. Air Force F-35s elephant walk at Hill Air Force Base, demonstrating the F-35’s mission readiness and reliability. **January 6**
• Lockheed Martin receives $1.9 billion sustainment contract. **January 6**

Program Cost **LRIP 12-14**

<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 Production

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</thead>
<tbody>
<tr>
<td></td>
<td>9</td>
<td>29</td>
<td>35</td>
<td>36</td>
<td>45</td>
<td>46</td>
<td>66</td>
<td>91</td>
<td>+3</td>
</tr>
</tbody>
</table>

Program of Record

**U.S.A.**
- USAF, USN, USMC
- 1,763 F-35As
- IOC: USAF 2006, USN 2009

**U.K.**
- RAF/BNF: 138 F-35s
- IOC: 2011

**Italy**
- 60 F-35As: 30 F-35Bs
- IOC: 2019

**Netherlands**
- 37 F-35As

**Turkey**
- 100 F-35As

**Australia**
- 100 F-35As

**Norway**
- 52 F-35As

**Denmark**
- 27 F-35As

**Canada**
- 88 F-35As

**Israel**
- 50 F-35As
- IOC: IAF 2015

**Japan**
- 105 F-35As

**Republic of Korea**
- 40 F-35As

**Belgium**
- 34 F-35As

**Poland**
- 32 F-35As

*Foreign Military Sales*

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

- 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></th>
<th>F-35 A</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 / 8278 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>
<td></td>
</tr>
<tr>
<td></td>
<td>25 mm GAU-22/A cannon</td>
<td>Two AIM-120C/D air-to-air missiles</td>
<td>Two 1,000-pound GBU-32 JDAM guided bombs</td>
</tr>
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</tr>
<tr>
<td><strong>Maximum weight</strong></td>
<td>70,000 lb class</td>
<td>60,000 lb class</td>
<td>70,000 lb class</td>
</tr>
<tr>
<td><strong>Propulsion</strong></td>
<td>F135-PW-100</td>
<td>F135-PW-600</td>
<td>F135-PW-100</td>
</tr>
<tr>
<td>(uninstalled thrust ratings)</td>
<td>40,000 lb Max. Vertical N/A</td>
<td>40,000 lb Max. Vertical N/A</td>
<td>40,000 lb Max. Vertical N/A</td>
</tr>
<tr>
<td><strong>Speed (full internal weapons load)</strong></td>
<td>Mach 1.6 (~1,200 mph)</td>
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</tr>
<tr>
<td><strong>Combat radius (internal fuel)</strong></td>
<td>&gt;590 nm / 1,093 km (USAF profile)</td>
<td>&gt;450 nm / 833 km (USMC profile)</td>
<td>&gt;600 nm / 1,100 km (USN profile)</td>
</tr>
<tr>
<td><strong>Range (internal fuel)</strong></td>
<td>&gt;1,200 nm / 2,200 km (USAF profile)</td>
<td>&gt;900 nm / 1,667 km (USMC profile)</td>
<td>&gt;1,200 nm / 2,200 km (USN profile)</td>
</tr>
<tr>
<td><strong>Max g-rating</strong></td>
<td>9.0</td>
<td>7.0</td>
<td>7.5</td>
</tr>
</tbody>
</table>

All information current as of February 3, 2020

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