F-35 Lightning II Program Status and Fast Facts

**Program Status**

- **555+ Aircraft Delivered**
- **Flight Hours**: 309,001
- **Bases Worldwide**: 1,115+ Pilots, 9,400+ Maintainers

**Recent Milestones**

- F-35s assigned to the 421st Expeditionary Fighter Squadron participate in joint-combat operation over Southwest Asia. **July 23**
- F-35Bs from 617 Squadron join NATO colleagues in a joint training exercise over the North Sea. **July 23**
- The United States Government approves the sale of 105 F-35 aircraft to Japan. **July 9**
- Italian F-35As perform first alert scramble from Iceland to monitor activity of three Russian aircraft. **July 6**
- Lockheed Martin has delivers the Distributed Mission Training (DMT) capability to the US Air Force (USAF). **July 1**

**Program Cost**

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

**% Reduction from Lot 11**

- F-35A: 12.8%
- F-35B: 12.3%
- F-35C: 13.2%

Greater than 70% unit cost reduction since Lot 1

**F-35 Production**

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Units</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>131</td>
</tr>
</tbody>
</table>

**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: 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**
  - 88 F-35As

- **Israel**
  - 50 F-35As
  - IOC: IAF, 12/17

- **Japan**
  - 105 F-35As
  - IOC: 12/17

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

- **Belgium**
  - 34 F-35As

- **Poland**
  - 32 F-35As

**Foreign Military Sales**

- **Belgium**
  - 26 F-35As

- **Canada**
  - 50 F-35As

- **Israel**
  - 105 F-35As
  - IOC: 12/17

- **Japan**
  - 40 F-35As

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

- **Belgium**
  - 34 F-35As

- **Poland**
  - 32 F-35As
**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 $49B billion of total economic impact in the US

**Global Presence**

- SUPPLIERS
- NAS Lemoore
  - Edwards AFB
  - MCAS Miramar
  - MCAS Yuma
  - Hill AFB
  - Nellis AFB
  - Luke AFB
  - Eglin AFB
  - MCAS Beaufort
  - Leeuwarden Air Base
  - Amendola Air Base
  - RAF Marham
  - Misawa Air Base
  - MCAS Iwakuni
  - NAS Lemoore
  - Edwards AFB
  - MCAS Miramar
  - MCAS Yuma
  - Hill AFB
  - Nellis AFB
  - Luke AFB
  - Eglin AFB
  - MCAS Beaufort
  - Leeuwarden Air Base
  - Amendola Air Base
  - RAF Marham
  - Misawa Air Base
  - MCAS Iwakuni

**Ship Activations**

- **USS Essex**
- **USS WASP**
- **USS America**
- **HMS Queen Elizabeth**

**F-35 Lightning II Specs**

<table>
<thead>
<tr>
<th></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>
</tr>
<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>
</tr>
<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>
</tr>
<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>
</tr>
<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>
</tr>
<tr>
<td>Weight empty</td>
<td>29,300 lb</td>
<td>32,300 lb</td>
<td>34,800 lb</td>
</tr>
<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>
<tr>
<td>Standard internal weapons load</td>
<td>25 mm GAU-22/A cannon</td>
<td>Two AIM-120C/D air-to-air missiles</td>
<td>Two AIM-120C/D air-to-air missiles</td>
</tr>
<tr>
<td></td>
<td>Two 2,000-pound GBU-31 JDAM guided bombs</td>
<td>Two 1,000-pound GBU-32 JDAM guided bombs</td>
<td>Two 2,000-pound GBU-31 JDAM guided bombs</td>
</tr>
<tr>
<td>Maximum weight</td>
<td>70,000 lb class</td>
<td>60,000 lb class</td>
<td>70,000 lb class</td>
</tr>
<tr>
<td>Propulsion*</td>
<td>F135-PW-100 40,000 lb Max. 25,000 lb Mil. Vertical N/A</td>
<td>F135-PW-600 40,000 lb Max. 25,000 lb Mil. 40,000 lb Vertical</td>
<td>F135-PW-100 40,000 lb Max. 25,000 lb Mil. Vertical N/A</td>
</tr>
<tr>
<td>Speed (full internal weapons load)</td>
<td>Mach 1.6 (~1,200 mph)</td>
<td>Mach 1.6 (~1,200 mph)</td>
<td>Mach 1.6 (~1,200 mph)</td>
</tr>
<tr>
<td>Combat radius (internal fuel)</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>Range (internal fuel)</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>Max g-rating</td>
<td>9.0</td>
<td>7.0</td>
<td>7.5</td>
</tr>
</tbody>
</table>

All information current as of July 1, 2020

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