F-35 Lightning II Program Status and Fast Facts

**Program Status**

- **Flight Hours:** 2,680,001
- **Bases Worldwide:** 23
- **Aircraft Delivered:** 500+
- **Pilots:** 985+
- **Maintainers:** 8,890+
- **Nations Operating F-35s on Home Soil:** 9
- **Services Declared IOC:** 8
- **Services Have Conducted F-35 Operational Missions:** 5

**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**

<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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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>F-35</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
  - PN: 493 F-35B/Cs
  - IOC: USMC 7/15
  - USAF 8/16, USN 2/19
- **U.K.**
  - RAF/RN 138 F-35As
  - IOC: 7/19
- **Italy**
  - 67 F-35As/30 F-35Bs
  - IOC: 12/18
- **Netherlands**
  - 46 F-35As
  - IOC: 12/18
- **Australia**
  - 100 F-35As
  - IOC: 11/19
- **Norway**
  - 52 F-35As
  - IOC: 11/19
- **Denmark**
  - 27 F-35As

**Foreign Military Sales**

- **Canada**
  - 80 F-35As
  - IOC: IAF: 12/17
- **Israel**
  - 50 F-35As
  - IOC: IAF: 12/17
- **Japan**
  - 105 F-35As
  - IOC: 3/19
- **Republic of Korea**
  - 40 F-35As
  - IOC: 12/17
- **Belgium**
  - 34 F-35As
  - IOC: 11/19
- **Poland**
  - 52 F-35As
1,500+ SUPPLIERS

Global Presence

- 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

Economic Impact

- Over 220,000 direct and indirect jobs supported in the US
- Over $44.2 billion of total economic impact

F-35 Lightning II

<table>
<thead>
<tr>
<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>
</tr>
<tr>
<td>Height</td>
<td>14.4 ft / 4.38 m</td>
<td>14.3 ft / 4.36 m</td>
</tr>
<tr>
<td>Wingspan</td>
<td>35 ft / 10.7 m</td>
<td>35 ft / 10.7 m</td>
</tr>
<tr>
<td>Wing area</td>
<td>460 ft² / 42.7 m²</td>
<td>460 ft² / 42.7 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>
</tr>
<tr>
<td>Weight empty</td>
<td>29,300 lb</td>
<td>32,300 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>
</tr>
<tr>
<td>Weapons payload</td>
<td>18,000 lb / 8,160 kg</td>
<td>15,000 lb / 6,800 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>
</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>
</tr>
<tr>
<td>Maximum weight</td>
<td>70,000 lb class</td>
<td>60,000 lb class</td>
</tr>
<tr>
<td>Propulsion* (uninstalled thrust ratings)</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. 40,500 lb Vertical</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>
</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>
</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>
</tr>
<tr>
<td>Max g-rating</td>
<td>9.0</td>
<td>7.0</td>
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