



## F-35 Lightning II Program Status and Fast Facts

### Program Status

[▶ Watch F-35 by the Numbers](#)



491  
Aircraft Delivered

Flight Hours

240,000+



21  
Bases Worldwide



975+  
Pilots

8,585+  
Maintainers

9 Nations  
Operating F-35s on Home Soil




8 Services  
Declared IOC



USAF,  
USN and USMC

4 Services  
Have Conducted F-35 Combat Operations



USAF  
USMC

### 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](#)

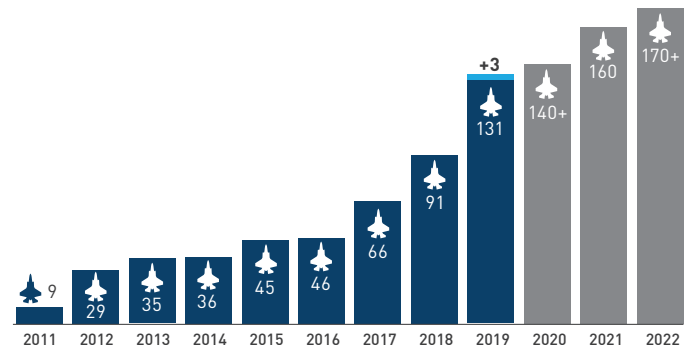
### Program Cost *LRIP 12-14 Cost*

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














**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.



### Program of Record

 U.S.A. USAF 1,763 F-35As DoN 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 37 F-35As	 Turkey* 100 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/42 F-35Bs IOC: 3/19	 Republic of Korea 40 F-35As	 Belgium 34 F-35As	

#### Foreign Military Sales

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

## 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	F-35A	F-35B	F-35C
			
Length	51.4 ft / 15.7 m	51.2 ft / 15.6 m	51.5 ft / 15.7 m
Height	14.4 ft / 4.38 m	14.3 ft / 4.36 m	14.7 ft / 4.48 m
Wingspan	35 ft / 10.7 m	35 ft / 10.7 m	43 ft / 13.1 m
Wing area	460 ft <sup>2</sup> / 42.7 m <sup>2</sup>	460 ft <sup>2</sup> / 42.7 m <sup>2</sup>	668 ft <sup>2</sup> / 62.1 m <sup>2</sup>
Horizontal tail span	22.5 ft / 6.86 m	21.8 ft / 6.65 m	26.3 ft / 8.02 m
Weight empty	29,300 lb	32,300 lb	34,800 lb
Internal fuel capacity	18,250 lb / 8,278 kg	13,500 lb / 6,125 kg	19,750 lb / 8,960 kg
Weapons payload	18,000 lb / 8,160 kg	15,000 lb / 6,800 kg	18,000 lb / 8,160 kg
Standard internal weapons load	<ul style="list-style-type: none"> <li>• 25 mm GAU-22/A cannon</li> <li>• Two AIM-120C/D air-to-air missiles</li> <li>• Two 2,000-pound GBU-31 JDAM guided bombs</li> </ul>	<ul style="list-style-type: none"> <li>• Two AIM-120C/D air-to-air missiles</li> <li>• Two 1,000-pound GBU-32 JDAM guided bombs</li> </ul>	<ul style="list-style-type: none"> <li>• Two AIM-120C/D air-to-air missiles</li> <li>• Two 2,000-pound GBU-31 JDAM guided bombs</li> </ul>
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 January 2, 2020  
For additional questions and the latest data, please contact [Brett Ashworth](#).