

F-35 Lightning II Program Status and Fast Facts

Program Status


[▶ Watch F-35 by the Numbers](#)


390+
Aircraft delivered

Flight Hours
195,000



17
Bases worldwide



790+ Pilots
7,400+ Maintainers

Recent Milestones

- U.S. Air Force F-35As conducts first combat employment in support of Combined Joint Task Force — Operation Inherent Resolve. [\[April 30\]](#)
- F-35 industry partners transition to Performance Based Logistic contracts and Master Repair Agreements to reduce sustainment costs and enhance readiness. [\[April 17\]](#)
- The U.S. Air Force's F-35A deploy to Al Dhafra Air Base in the United Arab Emirates – marking the Air Force's first operational deployment to the Middle East with F-35As. [\[April 15\]](#)
- The National Aeronautic Association names the F-35 Automatic Ground Collision Avoidance System Team as the recipient of the 2018 Robert J. Collier Trophy. [\[April 5\]](#)
- Japanese Air Self Defense Force stands-up first operational squadron. [\[March 29\]](#)
- The Republic of Korea's first F-35s arrive home to Cheongju Air Base. [\[March 29\]](#)
- F-35 maintainers and pilots in the 388th Fighter Wing at Hill AFB, Utah complete the first operational rapid crew swap exercise, demonstrating the F-35's reliability and enhanced readiness. [\[March 20\]](#)
- The Department of Navy declares Initial Operational Capability (IOC) for its fleet of F-35Cs. [\[February 28\]](#)
- The Republic of Singapore announce its plans to buy F-35 fighter jets to replace its aging fleet of F-16s. [\[February 28\]](#)

Program Cost

LRIP 11 Cost

		
\$89.2M	\$115.5M	\$107.7M

Total Aircraft Quantities LRIP 1-11: 501

Cost Reduction Statistics

- More than 60% reduction in Unit Recurring Flyaway cost since Lot 1.
- More than 5% reduction in Unit Recurring Flyaway since previous contract.
- Blueprint for Affordability efforts projected to save more than \$6 billion over the life of the program.
- As production ramps and additional improvements are implemented, Lockheed Martin's goal is to reduce the cost of an F-35A to \$80 million by 2020, which is equal to or less than the cost of legacy aircraft while providing a generational leap in capability.


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




Denmark
27 F-35As



Canada
88 F-35As



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



Japan
105 F-35As/42 STOVL
IOC: 3/19



Republic of Korea
40 F-35As



Belgium
34 F-35As

Foreign Military Sales

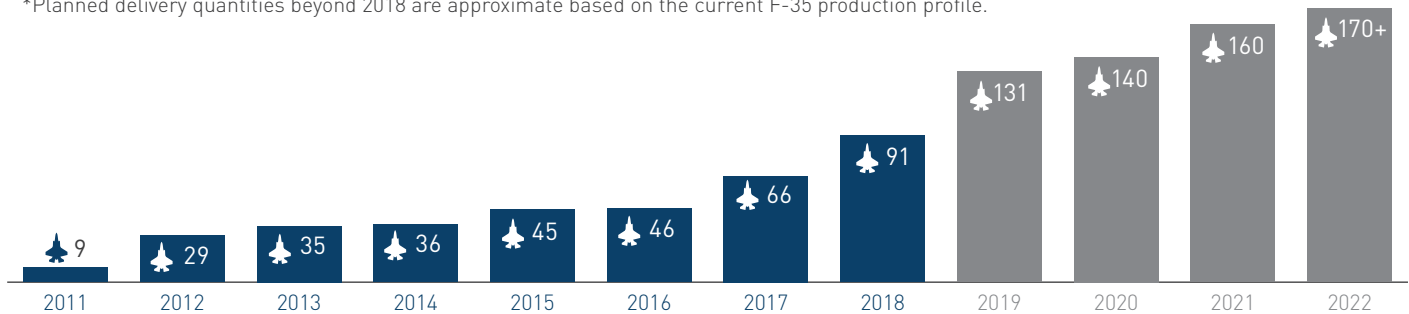
Economic Impact

- 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 Production

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



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 ² / 42.7 m ²	460 ft ² / 42.7 m ²	668 ft ² / 62.1 m ²
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 / 8,960kg
Weapons payload	18,000 lb / 8,160 kg	15,000 lb / 6,800kg	18,000 lb / 8,160 kg
Standard internal weapons load	<ul style="list-style-type: none"> • 25 mm GAU-22/A cannon • Two AIM-120C/D air-to-air missiles • Two 2,000-pound GBU-31 JDAM guided bombs 	<ul style="list-style-type: none"> • Two AIM-120C/D air-to-air missiles • Two 1,000-pound GBU-32 JDAM guided bombs 	<ul style="list-style-type: none"> • Two AIM-120C/D air-to-air missiles • Two 2,000-pound GBU-31 JDAM guided bombs
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