

F-35 LIGHTNING II PROGRAM STATUS AND FAST FACTS

PROGRAM STATUS

260+
AIRCRAFT DELIVERED

FLIGHT HOURS
115,004

14
BASES WORLDWIDE

520+ PILOTS
4,850+ MAINTAINERS

RECENT MILESTONES

- Israel Declares F-35I Adir Combat Capable. ([Dec. 6](#))
- F-35 aircraft participate in Vigilant Ace exercise across Korean peninsula. ([Dec 4](#))
- F-35A Conducts Icy Runway Testing for Norwegian Drag Chute in Alaska. ([Nov. 27](#))
- Australia's Third F-35A Rolls Out of Lockheed Martin's Fort Worth, Texas, Production Facility. ([Nov. 25](#))
- F-35 aircraft participate in Checkered Flag exercise at Eglin Air Force Base, Fla. ([Nov. 21](#))
- Hill Air Force Base's F-35A and Airmen Mastering First Pacific Deployment. ([Nov. 21](#))
- Remaining F-35B Lightning II Aircraft with VMFA-121 Arrive at MCAS Iwakuni. ([Nov.15](#))
- Norway Celebrates Arrival of First Three F-35 Aircraft. ([Nov. 10](#))
- F-35A Airframe Completes Third Life Testing In Unique Facility. ([Nov. 9](#))
- International F-35 Customers Receive F-35 Full Mission Simulators. ([Nov. 6](#))
- Norway's First F-35s Land at Home Base Ørland. ([Nov. 3](#))
- Twelve U.S. Air Force F-35A aircraft arrive at Kadena Air Base, Japan for operational deployment to the Indo-Asia-Pacific. ([Nov. 2](#))
- U.S. Marine Corps F-35B aircraft participate in Exercise Dawn Blitz. ([Oct. 22](#))
- USS Carl Vinson Conducts F-35C Flight Operations. ([Oct. 20](#))
- 500th F-35 Pilot Takes to the Sky. ([Oct. 5](#))

PROGRAM COST

LRIP 10 Price

F-35A	F-35B	F-35C
\$94.3 M	\$122.4 M	\$121.2 M

Cost Reduction Statistics

- More than 60% reduction in Unit Recurring Flyway cost since Lot 1
- 8% reduction in Unit Recurring Flyway cost since previous contract
- Blueprint for Affordability delivering projected savings of more than \$4 billion over life of the program
- Second phase of Blueprint for Affordability initiatives projected to save an additional \$2 billion over the life of the program

Cost Target

- Deliver a 5th Generation Air System at 4th Generation Cost
- \$80 million F-35A by 2020

PROGRAM OF RECORD

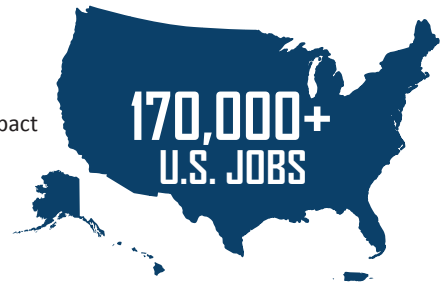
 U.S.A. USAF 1,763 F-35As DoN 693 F-35B/Cs	 U.K. RAF/RN 138 F-35s	 Italy 60 F-35As/30 F-35Bs	 Netherlands 37 F-35As	 Turkey 100 F-35As	 Australia 100 F-35As
 Norway 52 F-35As	 Denmark 27 F-35As	 Canada 65 F-35As	FOREIGN MILITARY SALES		
 Israel 50 F-35As	 Japan 42 F-35As	 Republic of Korea 40 F-35As			

LRIP 1-10 QUANTITIES




- USAF: 173 F-35As
- DoN: 37 F-35Cs / 58 F-35Bs
- International: 88 F-35As and F-35Bs

ECONOMIC IMPACT

- 170,000 direct and indirect jobs supported across the United States
- \$24 billion of total annual U.S. economic impact
- 1,400 suppliers in 46 states and Puerto Rico
- Worldwide supply chain network with tier 1 suppliers located in 11 countries



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

All information current as of December 7, 2017
 For additional questions and the latest data, please contact [Carolyn Nelson](#) or [Mike Friedman](#)