F-35 Lightning II Sustainment

Detachments and Deployments
- 178+
  - 48 in 2020

Services Flying
- 14

Flight Hours
- 360,000

Sorties Generated
- 212K+

Current Performance

F-35 Performance by LRIP
November 1, 2019 – October 30, 2020

Recent Highlights
- Hill Deployments 75% MC Rate
- Italian NATO Mission >90% MC Rate

- 9% Reduction in S-Rate in 2019
- 34% Cost per Tail per Year reduction for USAF F35A since FY15
- Mods Completed in 2019: 83/83
- Reduced Cannibalization Rate: 22%
- 60% Reduction on EEL Defects in 2019

Mission Capable (MC): Systems and equipment are considered MC when they are safe and have all mission-essential subsystems installed and operating as designated by a Military Service.

Non Mission Capable Maintenance (NMCM): NMCM is a materiel condition indicating that systems and equipment are not capable of performing any of their assigned missions because of unit level maintenance requirements.

Non Mission Capable Supply (NMCS): NMCS is a materiel condition indicating that systems and equipment are not capable of performing any of their assigned missions because of maintenance work stoppage due to a supply shortage.

Cannibalization Rate: The extent to which units of the armed forces remove serviceable parts, supplies, or equipment from one aircraft in order to render a different aircraft operational. Cannibalization is practiced when it is faster to remove a needed part from one aircraft and install it in another than to obtain that part from the supply system.
F-35 Sustainment Delivering Today

**Investing to Deliver 5th Generation Sustainment**

- **High Reliability**
- **High Velocity Supply Chain**
- **Predictive Health and Advanced Analytics**
- **Condition-Based Maintenance**

**Improving Supply Posture**

- **$500M** Invested in Spare Parts
- **10** PBL Contracts with Suppliers
- **27** Master Repair Agreements
- **$360M** Internal Investments in Automations

**Key Statistics**

- **21/30** Base Standups (2025)
- **6/17** Ship Activations (2025)
- **5/9** Depot Air Vehicle Activations (2024)
- **1/2** Regional Warehouse Standup
- **32/68** Component Repair Activations (2024)