



## **BLUF**

#### F-35 Provides

 A weapons customer base of ~3000+ advanced, multi-role stealthy strike fighters, with long range active passive multi-spectral sensors, with four internal and seven external weapon stations

#### F-35 Needs

- Weapons with longer range, shorter time to kill, survivable and <u>JOINT</u> to take advantage
  of its sensor capabilities, and that can be carried both internal and external
- Weapons that are more affordable and easier to integrate
- Have international release considerations built into the design from the beginning.
- Launch Acceptable Region (LAR) updates direct into OFPs
- Authoritative weapon models for simulators
- Network models for distributed training





### F-35 - It's a Coalition Composed of 3000+ AC

#### Economies of scale is the primary affordability driver



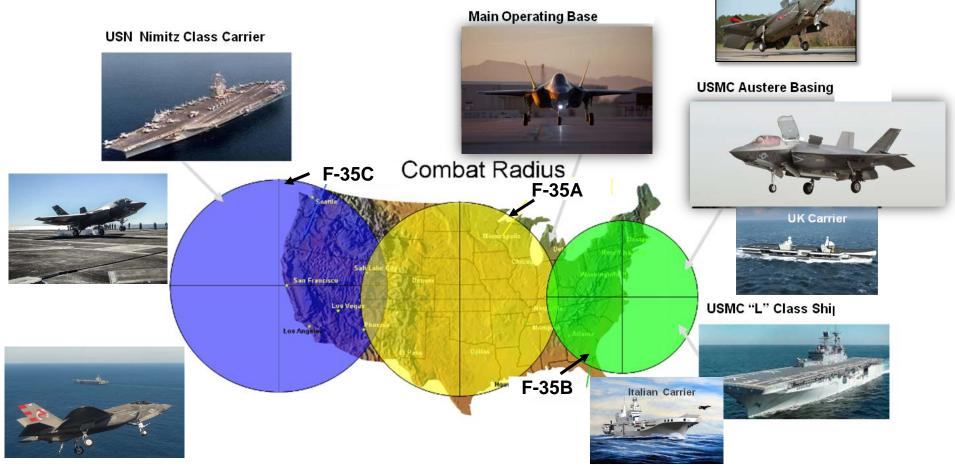
F-35: The Most Prolific Modern Fighter Since the F-4 and F-16



# What F-35 Provides to the Combatant Commander

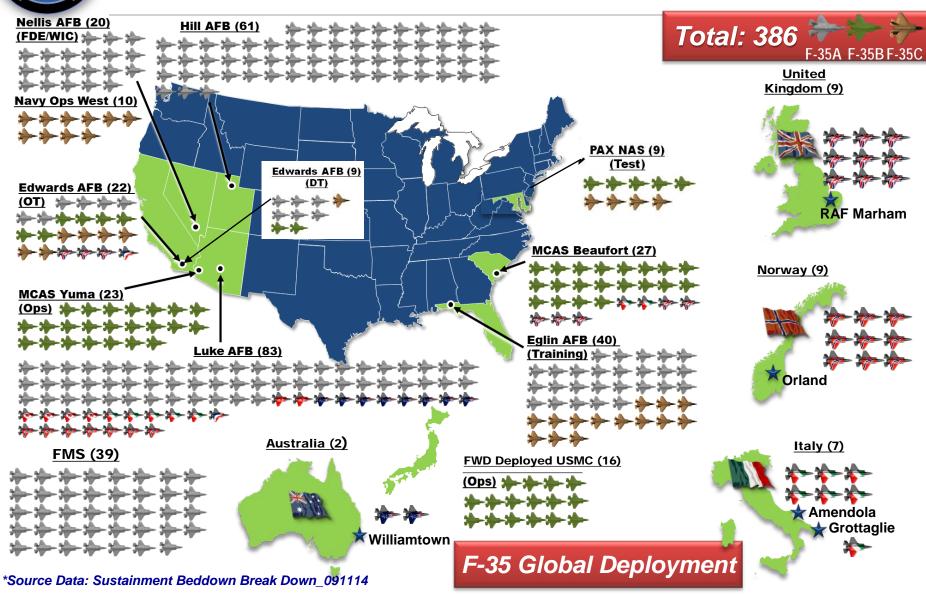
Day One Stealthy Long Range, Interoperable, Multi-Role Coalition Strike-Fighter which can be deployed from Main Operating Bases, Aircraft Carriers,







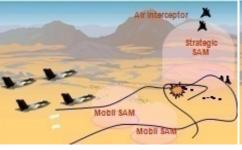
# F-35 Bed Down Through 2018



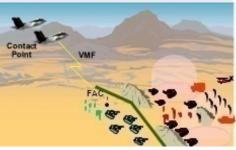


## F-35 Capability at 2018

Al / Strategic Attack (Fixed, Stationary, Mobile Tgts)



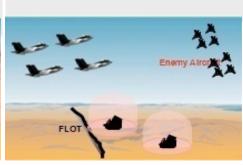
**Close Air Support** (Precision Day/Night Adv WX)

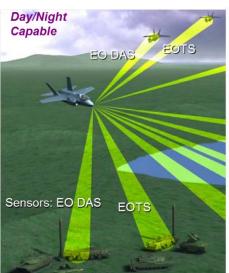


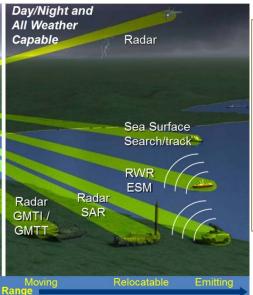
Suppression/Destruction of **Enemy Air Defenses (SEAD/DEAD)** (Strategic & Tactical)



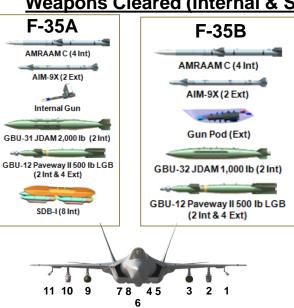
Offensive / Defensive **Counter Air** 







#### Weapons Cleared (Internal & Some External):





### F-35C AMRAAM C (4 Int) Gun Pod (Ext) GBU-31 JDAM 2,000 lb (2 Int) GBU-32 JDAM 1,000 lb (2 Int) GBU-12 Paveway II 500 lb LGB (2 Int & 4 Ext) JSOW (2 Int) **UK Unique\***

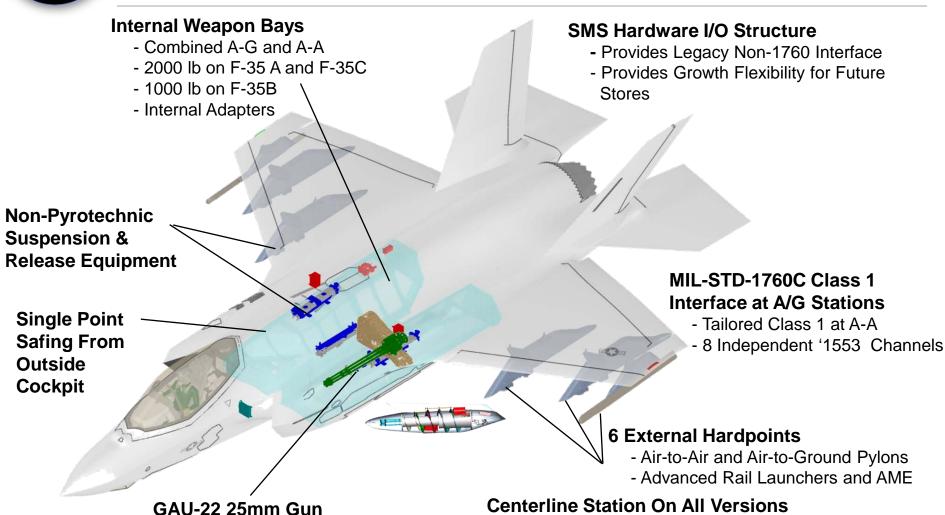
Paveway IV (500#) (2 Int & 4 Ext)

ASRAAM (2 Ext)

#### **Full Mission Capability**



## Weapon Carriage



- Internal F-35A

- Missionized F-35B & F-35C

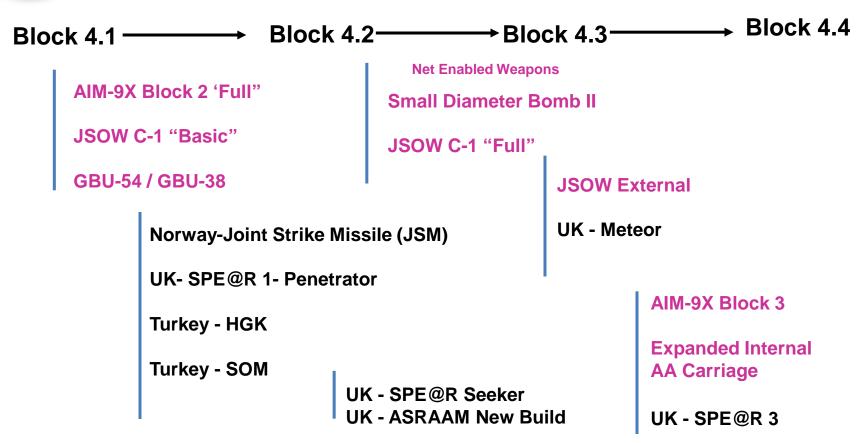
- Structural & Tailored F-35B Mil-STD-1760 Class 1

- Missionized Gun F-35B & F-35C





## **Proposed Weapon Growth**



Weapon integration requests likely to exceed the capacity.

Actual capability delivery will depend on weapon maturity, funding, development and certification capacity

# Questions?

