Precision Strike

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Strategic Environment

- Engaged in the Global War on Terror
- Quadrennial Defense Review
- Fiscal Challenges
  (FY07 Budget Submitted
  to Congress)



ASN (RDA) Vision

To provide weapons, systems and platforms for the men and women of the Navy/Marine Corps that support their missions and give them a technological edge over our adversaries.



ASN (RDA) Goals

- Expedite GWOT acquisition programs as much as possible without compromising safety.
- Reduce volatility in ongoing and current acquisition programs.
- Develop an investment/transition strategy for Science and Technology (S&T) to ensure future technological edge.
- Lead the Acquisition Enterprise component of the Naval Enterprise, in collaboration with OPNAV/HQMC and the fleet.



Acquisition Volatility

- Definition – tending to vary often or widely
- Program characteristics that affect acquisition program volatility:
  - Program complexity
  - Requirements fluctuation
  - Budget instability
  - Schedule demands
  - Contractor/PM optimism



F/A-18E/F and EA-18G Aircraft Deliveries
Continue 3 Months Ahead of Schedule and On Cost

Procurement	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Delivery	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
	LRIP 1 Lot 21	LRIP 2 Lot 22	LRIP 3 Lot 23	FRP 1 Lot 24	FRP 2 Lot 25	FRP 3 Lot 26	FRP 4 Lot 27	FRP 5 Lot 28	FRP 6 Lot 29	FRP 7 Lot 30	FRP 8 Lot 31	FRP 9 Lot 32	FRP 10 Lot 33	FRP 11 Lot 34	FRP 12 Lot 35
	12	20	30	36	39	48	45	42	42	42	42	42	42	42	28
	E:08 F:04 G:00	E:08 F:12 G:00	E:14 F:16 G:00	E:15 F:21 G:00	E:14 F:25 G:00	E:29 F:19 G:00	E:12 F:33 G:00	E:15 F:27 G:00	E:15 F:27 G:00	E:25 F:13 G:04	E:14 F:16 G:12	E:14 F:10 G:18	E:14 F:06 G:22	E:12 F:10 G:20	E:11 F:03 G:14

Multi-Year Procurement 1

Multi-Year Procurement 2

Block 1

Block 2

Spiral Development

F/A-18A/B
- Multi-mission strike fighter
- Glass displays
- AIM-7

F/A-18C/D
- Increased lethality
- Avionics upgrade

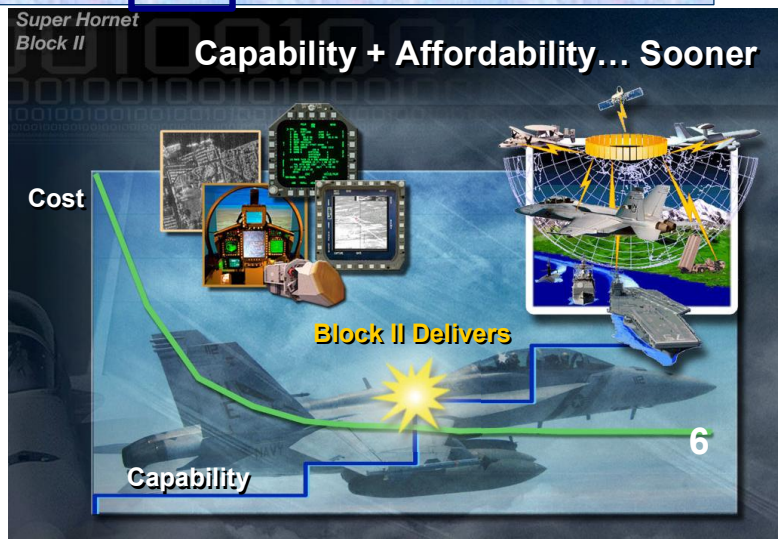
F/A-18C/D Night Strike
- Night/adverse weather capability
- Enhanced performance engines
- Increased survivability/lethality

F/A-18E/F Super Hornet
- Longer range
- Increased survivability/lethality
- Improved carrier suitability
- Tanker
- Room for growth

F/A-18E/F Block 2
- AESA
- Advanced Crew Station (ACS)
- Network Centric
- Time Critical Strike

EA-18G
- Airborne Electronic Attack (AEA)

1980 — 1987 — 1990 — 2000 — 2008

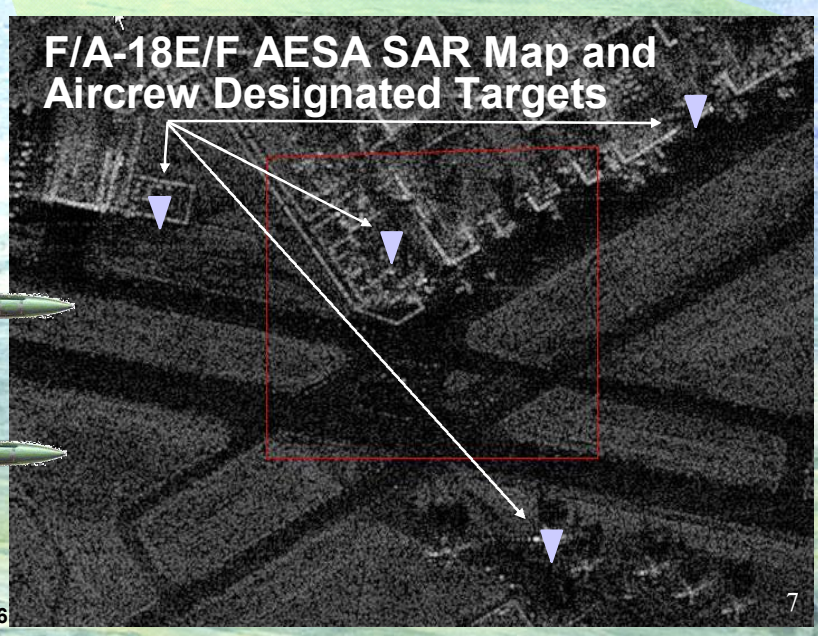


AESA/JDAM/LINK 16

Precision Strike Capability over the Network

- **Precision strike targeting coordinates sent over Multifunction Information Distribution System (MIDS) from AESA aircraft to strike aircraft**
- **Machine-to-machine targeting**
- **Cut & paste functionality**
- **Multi-Designated Mean Point of Impact (DMPI) functionality**

- **Precision self-targeting with AESA radar thru the weather in a network environment**
- **Successfully tested JDAM standoff range in preparation for AESA OPEVAL**
- **<u>Integrated</u> weapon system performance!**
- **AESA operating on a network as a force multiplier**



All four MK-84 JDAM hit their targets well within specification limits.