



Mr. Kevin Meiners,
Deputy Under Secretary of Defense (Intelligence)

C4ISR Breakfast
1 October 2009



Updates

- Project Liberty
- USAF UAS
- Airborne WAAS
- GMTI
- Army ACS
- Airships



USAF Liberty Project Aircraft

Large aircraft procurement effort that required speed of delivery as an imperative

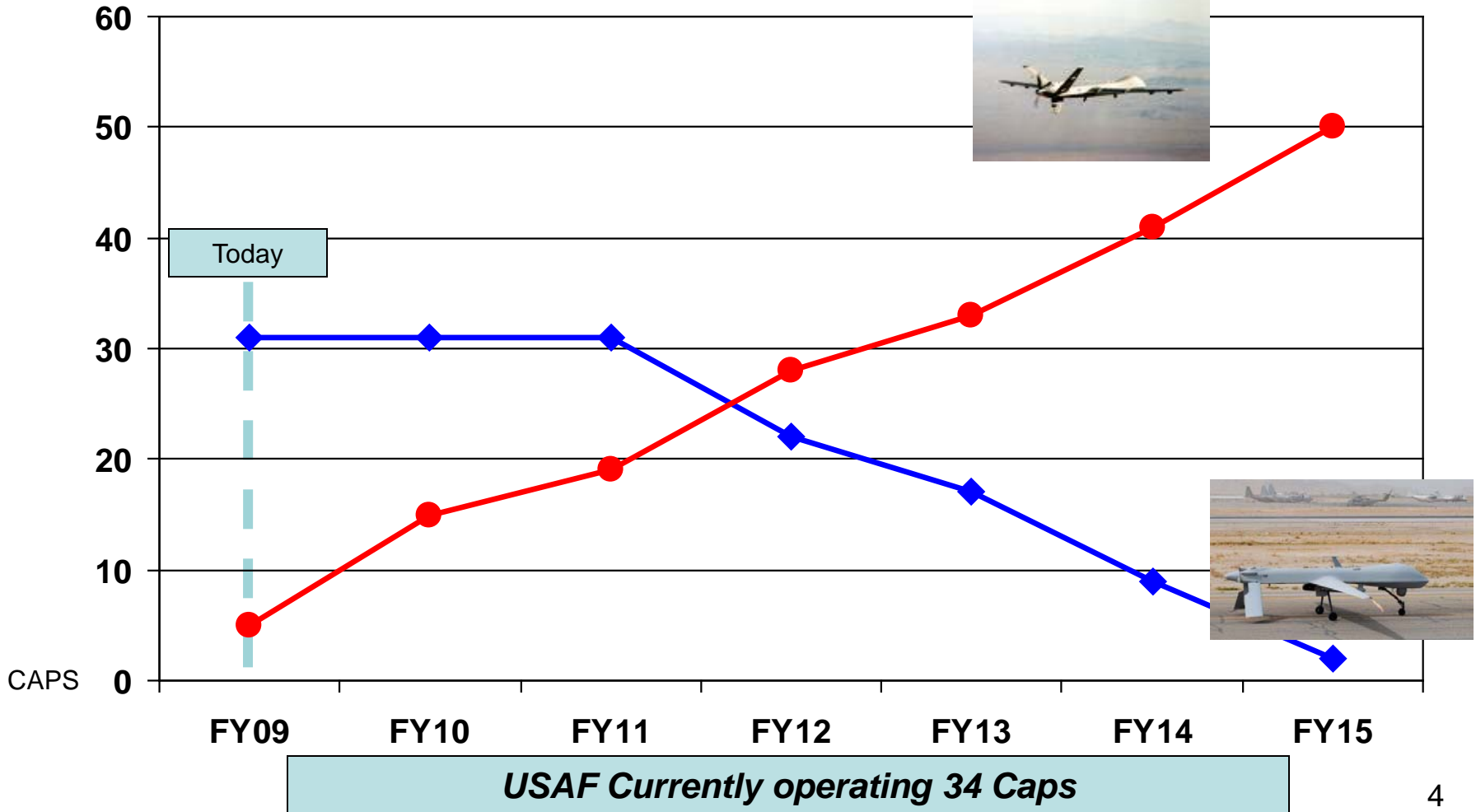
- **1 July 2008:** USAF proceeds with procurement of 37 C-12 class aircraft to augment unmanned systems
- **1 March 2009:** USAF takes delivery of 1st platform
- **10 June 2009:** First combat sortie over Iraq



Less than 1 year from procurement to First Combat Mission



USAF UAS





Airborne WAAS

Constant Hawk (ARMY)



- Forensics
- Day Only
- Post IED

GORGON STARE (GS) QRC USAF
10 Reaper GS podded Systems

- ISR Overwatch / Forensics
- Day/Night
- NRT



Angel Fire (USMC)



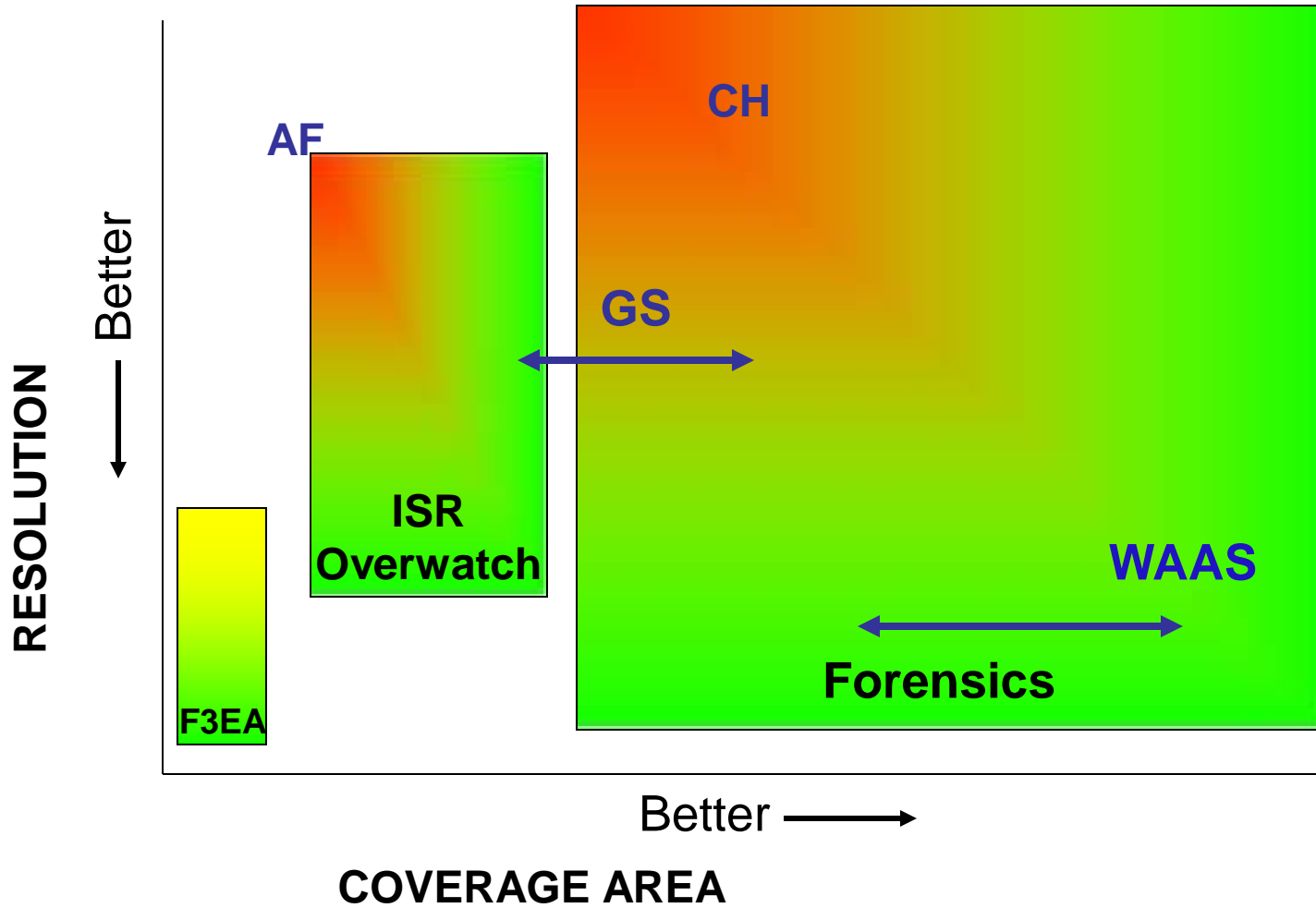
- Forensics / Overwatch
- Day Only
- Near Real Time

WAAS POR

- Forensics/ISR Overwatch
- Persistence
- IR Night / EO Day Only
- NRT / Datalink



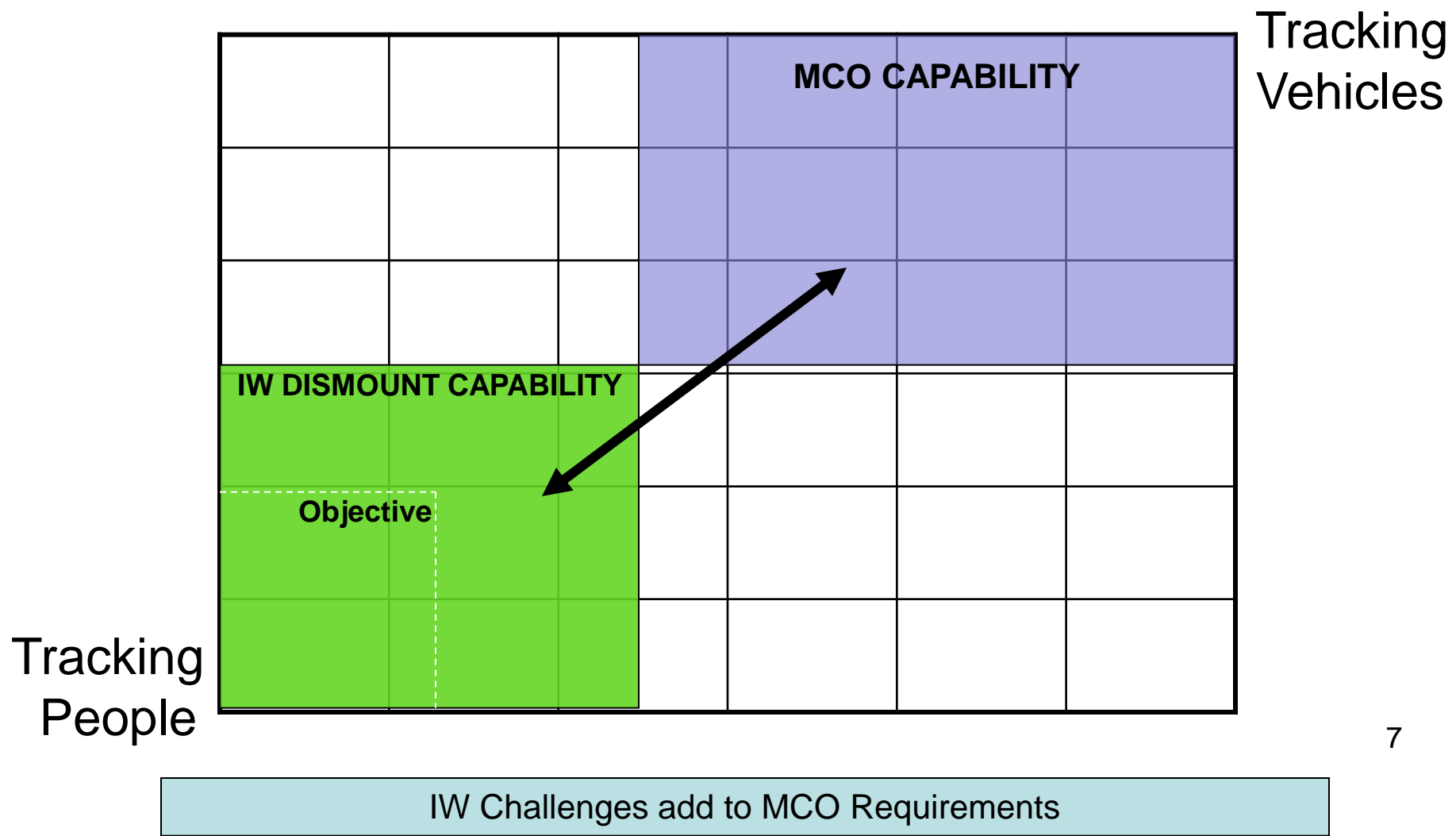
Mission Areas





GMTI

Transition MTI capability from MCO to IW





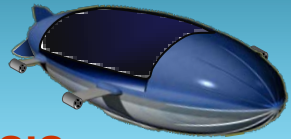
Army ACS

- **Constellation of Platforms**
- **Maneuver Based Metric**
(e.g. **XX number of orbits per BCT**)
- **Built on a Core Set of Common Sensors**



Airships

True multi-role collectors – Can be outfitted with GMTI, EO/IR sensors, Communications relay, Blue Force tracking, SIGINT and Electronics Countermeasures - **Simultaneously**



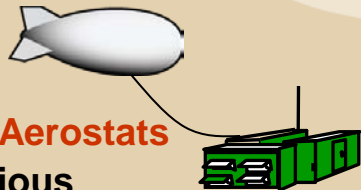
ISIS

POC: DARPA

RFP: Fall 2012

Alt: 70K

Performance Goal: 1-2 years

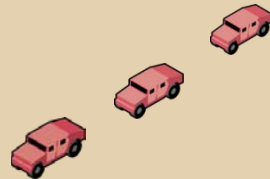


Tethered Aerostats

POC: Various

Alt: 5-10K

Performance Goal: 2-4 Weeks



LEMV

POC: SMDC

RFP: Nov 2009

Alt: 20K

Performance Goal: 2-3 weeks

High-Altitude, Long Endurance platforms provide the warfighter with 'true' persistent surveillance capability



Final Thoughts

- **Cost/Schedule/Performance**
 - » **Schedule is the priority**
- **WAAS – Large Data Ingest**
- **PED**
- **Identity Resolution**