



USSOCOM



US Special Operations Command's Perspective on Rapid Acquisition

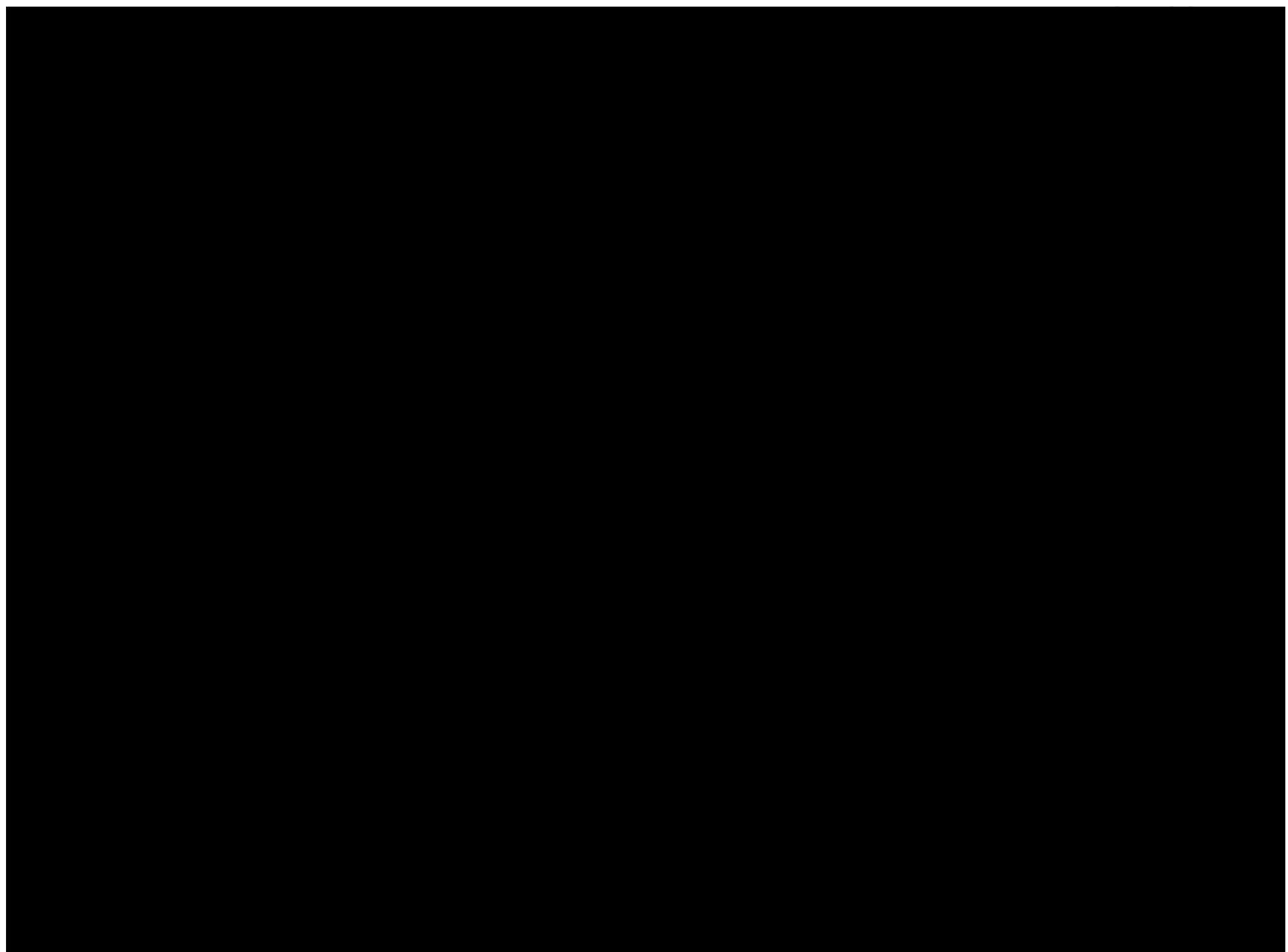


Col Michael Schmidt

Program Executive Officer
for Fixed Wing Aircraft

The overall classification of this briefing is:

UNCLASSIFIED



Overview

- **SOF Truths**
- **Acquisition Environment**
- **SOF Acquisition Culture**
- **SOF Acquisition Tools**
- **Acquisition Challenges**
- **Precision Strike: Addressing the Needs**



SOF Truths

SOF Acquisition Truths

FAST does not equal UNDISCIPLINED
 Humans are more important than hardware
 MORE BUREAUCRACY does not ensure a BETTER PRODUCT

Quality is better than quantity
 RISK must be MANAGED NOT AVOIDED

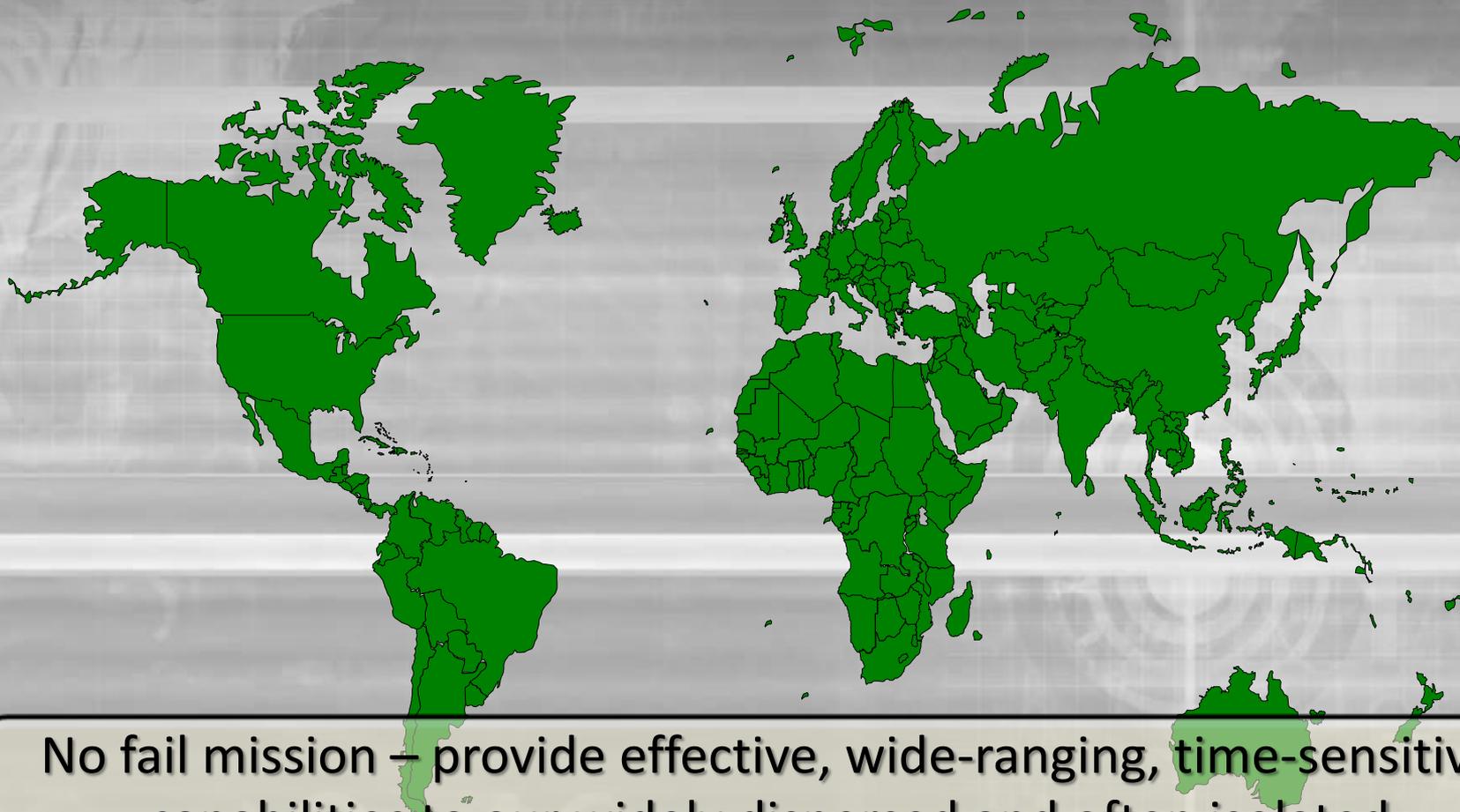
Special Operations Forces cannot be mass produced
 FASTER does not have to increase COST/RISK

COMPETITION can be done QUICKLY
 Competent Special Operations Forces cannot be
 UNCONVENTIONAL THINKING is an ENABLER
 created after emergencies occur

CREDIBILITY AND TRANSPARENCY enable FREEDOM OF ACTION
 Most special operations require non-SOF support



Acquisition Environment



No fail mission – provide effective, wide-ranging, time-sensitive capabilities to our widely dispersed and often isolated Special Operations Forces

SOF Acquisition Culture

- **Everyone is an Acquisition Warrior**
- Proximity to leadership
- Rapid communication
- Open channel with warfighter
 - Operators integrated with entire acquisition process
 - Embedded “Ghosts”
 - Knowledge of AOR
- No fear to fail
- Enduring relationships
- SOF as the integrator



Everyone is an Acquisition Warrior

- **Entire Command rallies around acquisition problems**
 - Full court press to meet the need....field the capability
- **Example: High Definition Full Motion Video**
 - Urgent requirement
 - Stood up Command-wide Tiger Team
 - Industry quickly responded...briefs, demos, flight, etc
 - COAs developed within days
 - Command decision within weeks

Sprint not run



SOF Acquisition Culture

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 - Knowledge of AOR
 - No fear to fail
 - Enduring relationships
 - SOF as the integrator
- Short decision cycle



AC-130J Integration Strategy

MC-130J



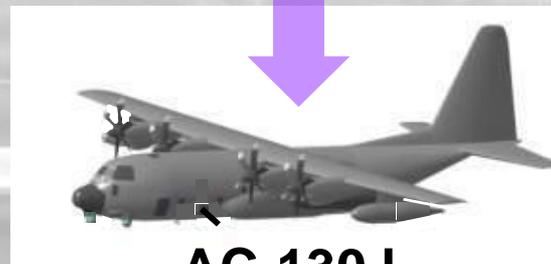
- LMA owns A/C data rights
- Primary integration risk drivers
 - New platform
 - Proprietary C-130J tech data

Integrator
PEO-FW (SOFSA)

MC-130W



- Leverage Dragon Spear
 - Proven Technology
 - Cost Avoidance - NRE
- Precision Strike Package risk driver
 - Integration on new platform



AC-130J

- Govt will own all platform integration data rights
- Govt will retain the ability to compete follow on efforts



Tools Applied to Precision Strike Package

2007 2008 2009 2010 2011 2012 2013+

Precision Strike Package

Intelligence, Surveillance, and Reconnaissance

✓ *Single Sensor* → ✓ *Dual Sensors* → ✓ *Improved Mission Mgmt* → *SAR/GMTI sensors*

Stand-Off Precision Guided Munitions

✓ *Viper Strike* → ✓ *Griffin* → ✓ *SDB* → *Hellfire* → *Laser SDB* → *Additional weapons*

Medium-Caliber Gun System

✓ *Single Gun (Trainable)* → *Multiple Guns* → *Future Enhancements*

Large-Cal Gun ?



Modular, Scalable, Reusable, Tailorable

SOF Acquisition Tools (cont'd)

- **Full spectrum capabilities of our defense industry**
 - Javaman
 - Other GOCOs and COCOs
- **Cooperative Research and Development Agreements**
- **Tactical Network Testbed Experimentation Events**
 - SORDAC-S&T / Naval Postgraduate School / Industry partnership
- **Technical Industry Liaison Office**
 - Entry point for industry marketing briefs or demo visits
- **Broad Area Announcements**
- **Portal / Portfolio management**



Information Enabled

PROGRAM EXECUTION
TOTAL PROGRAMS/PROJECTS - 225
w/SUB PROGRAMS - 437
OVERALL PROGRAM RATINGS: 2.6

FINANCIAL EXECUTION
2012 BDTL: \$487,729,808
2012 PROC: \$2,083,578,836
2012 ONS: \$1,613,944,399
2011 BDTL: \$467,356,970
2011 PROC: \$2,247,736,000
2011 ONS: \$2,248,575,888

CONTRACTING
CUM CONTRACT ACTIONS (FY12): 9,242

SORDAC WORKFORCE STATUS
DATA Certification Status: [Progress Bar]
Continuous Learning Points (CLP) Status: [Progress Bar]

Collaborative network with Dashboard metrics

Program Executive Officer for Fixed Wing

PROGRAM	ALL	COST	SCHED	PERF	SUST
CV-22	●	▲	●	▲	▲
Non-Standard Aviation (NSAV)	●	▲	▲	●	●
MC-130J	●	●	●	●	●
Directional Infrared Countermeasures (DIRCM)	●	●	●	●	●
RC-26	●	●	●	▲	●
Hi-Beam	●	●	●	●	●

Program portfolios



- Aviation Foreign Internal Defense (AvFID)
- Aviation Engineering Analysis
- LPA GO/CO
- JATF - Dragon Spear
- Unmanned Aircraft Systems (UAS)
- Mission Planning and Training
- Munitions
- EC-130J Commando Solo



AC-130J LAST UPDATED: 3/9/2012 2:29 PM

PROGRAM MANAGER: Anders, Craig A Maj USSOCOM HQ

DESCRIPTION	GOALS AND OBJECTIVES	PICTURE	LARGE FILE STORAGE	DOCUMENTS	STATUS	SUB-PROGRAM	ACC	ISSUES	90 DAY	ALST	LINKS																																																																	
SYSTEM DESCRIPTION: 16 MC-130Js modified with a Precision Strike Package (PSP) for conversion into AC-130J gunships. Includes initial spares and support. The PSP consists of a single 30mm gun, stand off precision guided munitions, 2 EO/IR sensors, mission consoles, fire control and battle management software, and a robust communications package					<table border="1"> <thead> <tr> <th>PROGRAM</th> <th>OVERALL</th> <th>COST</th> <th>SCHED</th> <th>PERF</th> <th>SUST</th> </tr> </thead> <tbody> <tr> <td>AC-130J</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> </tbody> </table>							PROGRAM	OVERALL	COST	SCHED	PERF	SUST	AC-130J	●	●	●	●	●																																																					
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In depth program information

Acquisition Challenges

- **Budget limitations**
 - SOF to Service common
 - MC-130J Inc 1 and 2 now Service common mods
 - Synchronizing Service and SOF budget processes
- **Find efficiencies to lower cost of ownership**
 - Contract Logistics Support
 - Mission execution efficiency
- **Limited quantities**
- **System of systems approach a challenge to SOF, too**
 - Moving target tracker
 - Training



Precision Strike: Addressing the Needs

- **Moving targets**
- **Auto-tracker**
- **Low collateral damage vs lethality**
- **Plug and play warheads**
- **Weight / platform on-station time**
- **Cost control**



Summary

USSOCOM Acquisition:

- **Everyone in SOF is an Acquisition Warrior**
- **Remains heavily engaged in the FIGHT**
- **Is effectively executing acquisition programs in direct support of SOF needs**
- **Relies on the continued support from the Services, industry, and technology base to meet the demanding challenges ahead**





Questions?

