Air Force Sustainment Center

Mission Briefing

Air Force Sustainment Center

MISSION

AFSC – Forging readiness and accelerating innovation for America's warfighters!

VISION

Elite professionals ensuring global deterrence by delivering readiness, lethality and spurring innovation for America's warfighters!

AFSC Lines of Effort

- **Deliver combat readiness and cultivate a warfighter ethos**

- **Attract, recruit, develop and retain world-class Airmen**

- **Deliver supply chain readiness and resiliency**

- **Modernize and posture the Industrial Base**

Air Force Materiel Command

Nuclear Systems Management
Continue to Strengthen AFMC's Role in the Nuclear Enterprise

Discovery & Development
Advance Today's & Tomorrow's Combat Capabilities through Leading-Edge Technology

Life Cycle Management
Acquire & Support War-Winning Capabilities "Cradle-to-Grave"

Test & Evaluation
Perform World-Class Test and Evaluation

Sustainment & Logistics
Provide Sustainment & Logistics Readiness to Deliver Combat Power for America

Installation & Mission Support
Support AF-wide Installation & Expeditionary Combat Support Activities

Geographically Distributed Command Footprint

Geographically Distributed Command

One Center
-
Three Complexes
-
Three Air Base Wings
-
Two Supply Chain Wings

Commander
Lt Gen Jennifer Hammerstedt

Executive Director
Ms. Angela Tymofichuk

Command Chief
Carlos Labrador

Deputy Commander
Col Deedrick Reese

Director of Staff
Ms. Kristy Jordan

HILL AFB, UT

OGDEN ALC

75TH AIR BASE WING

Brig Gen Hall Sebren

Col Daniel Cornelius

TINKER AFB, OK

OKLAHOMA CITY ALC

448TH SUPPLY CHAIN MANAGEMENT WING

Brig Gen Lindsay Droz

Col Fencisco Harris

Mr. Stephen Gray

ROBINS AFB, GA

WARNER ROBINS ALC

78TH AIR BASE WING

Brig Gen David Miller

Col Johari Hemphill

SCOTT AFB, IL

635TH SUPPLY CHAIN OPERATIONS WING

Col Jason Kalin

AFSC – Forging Readiness and Accelerating Innovation!

Air Logistics Complexes

	Ogden **Air Logistics Complex**	**Oklahoma City** **Air Logistics Complex**	**Warner Robins** **Air Logistics Complex**
WEAPON SYSTEMS	A-10, F-16, F-22, F-35, C-130, T-38, ICBMS	KC-135, KC-46, B-1, B-52, E-3, E-6	C-5, C-130, C-17, F-15
UNIQUE CAPABILITIES	Landing Gear	Engines	Avionics
AIRCRAFT BATTLE DAMAGE REPAIR	Deployable Field Teams	Deployable Field Teams	Deployable Field Teams
COMMODITIES	91K Exchangeables	73K Exchangeables	123K Exchangeables

NATIONAL STRATEGIC VALUE

Supply Chain Wings

448th Supply Chain Management Wing
Tinker AFB, OK

- Single Air Force <u>wholesale</u> Supply Chain Management Wing
- 106,000 critical items managed with $56.6B inventory value
- 3,000+ civilian/military workforce
- Plans and executes repairable spares requirements
- $7.9B budget authority for buy and repair requirements
- $433M in Foreign Military Sales (50+ partner nations)

635th Supply Chain Operations Wing
Scott AFB, IL

- First-responders 24/7/365 for <u>retail</u> supply
- 100% Positive Inventory Control of Nuclear Weapons Related Materials (NWRM)
- Pre-positioned WRM Integration Office
- 441st Vehicle Support Chain Operations Squadron (VSCOS)
- AF Petroleum Agency (AFPET)
- Basic Expeditionary Airfield Resources (BEAR)
- Fuels Support Equipment (FSE)
- Accurate & timely reporting of supply chain information for warfighter visibility

Software Directorate

Engineering the world's greatest Air Force, the Software Directorate develops, delivers, supports, and sustains war-winning agile software capabilities

The Software Directorate is collaborative, innovative, trusted, and empowered – indispensable to our Nation, disruptive to our adversaries

- In fiscal year 24, the Software Directorate:
  - Executed $1.2B in revenue
  - Hired over 700 organic software professionals, with a total workforce strength of over 5500
  - Advanced technology programs
  - Successfully achieved full operational capacity (FOC) with zero net growth in overhead
  - Published five-year strategic plan, a comprehensive roadmap to providing superior software solutions for the Department of Defense

Air Base Wings

Airfield Management

Installation Security

Medical Support

Mission Support

Facilities/Infrastructure

Information

Financial Support

Contractors

Families

Retirees

Airmen

National Strategic Nuclear Deterrent
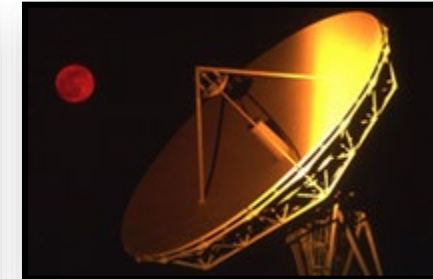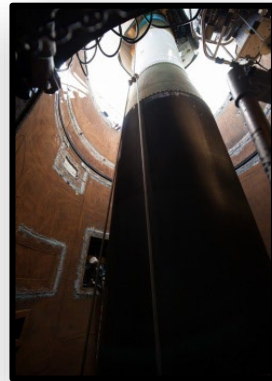

Bombers

Navy TACAMO

Air-Launched Cruise Missiles (ALCM)

Dual Capable Aircraft

Inter-Continental Ballistic Missiles (ICBM)

Nuclear Command, Control & Communications (NC3)

ICBM Launch Control

Art of the Possible

Leadership Culture: Creating the Environment for Success

SAFETY

SPEED QUALITY

People Process

Common Goals

Resources

Cost Effectiveness

Teamwork • Accountability • Respect • Transparency • Credibility • Engagement

Global Logistics

- **GENUS**

- **Software Sustainment, Modification, Enhancement**

- **Depot and Modification**

- **Aircraft Battle Damage Repair (ABDR)**

- **Global Supply Chain Integration and Execution**

- **War Reserve Materiel (WRM)**

- **Standard Air Munitions Packages (STAMP)**

- **Combat Enablers: POL, Vehicles, Support Equipment**

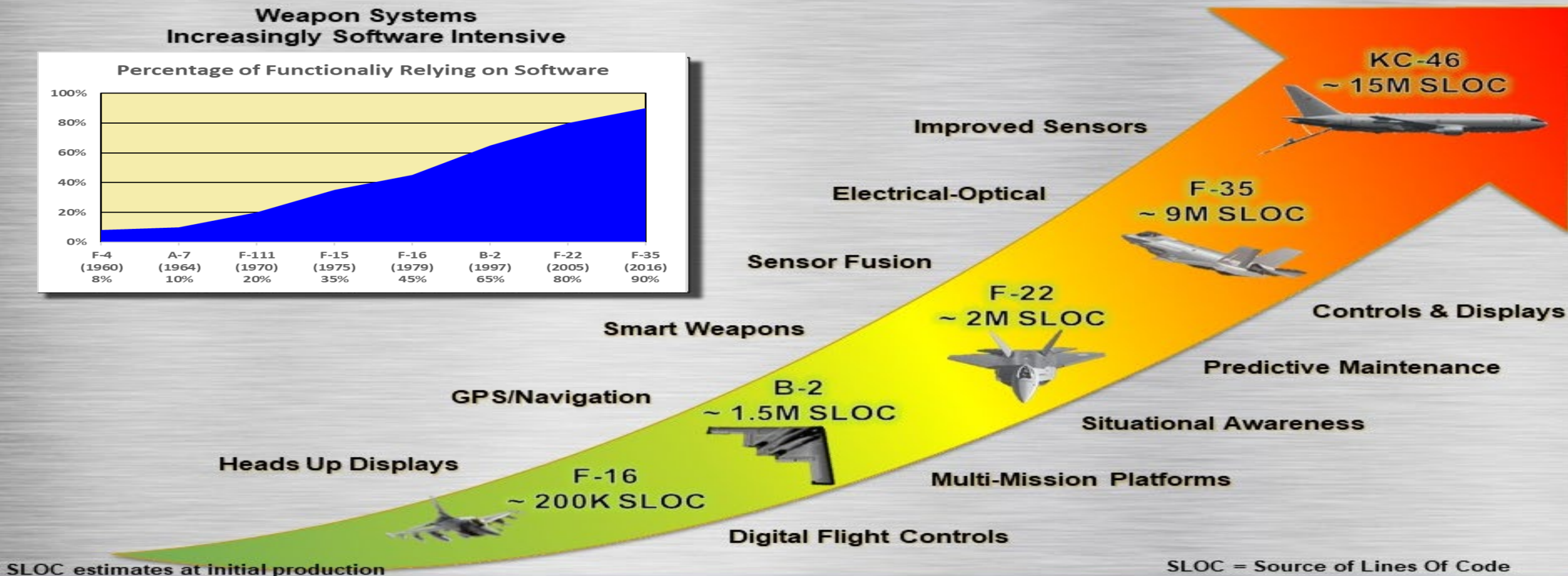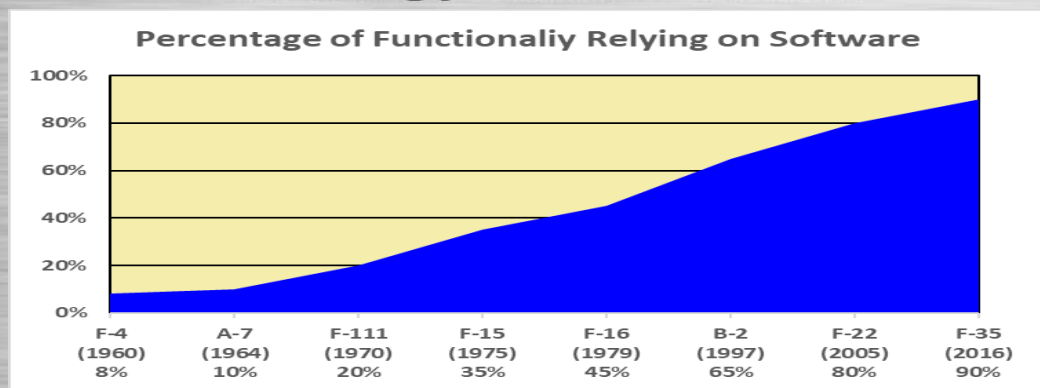- **ABWs are Power Projection Platforms**

We are AFSC

Software Enterprise

Evolution of Flight Software

Weapon Systems Increasingly Software Intensive

Percentage of Functionaliy Relying on Software

	F-4 (1960) 8%	A-7 (1964) 10%	F-111 (1970) 20%	F-15 (1975) 35%	F-16 (1979) 45%	B-2 (1997) 65%	F-22 (2005) 80%	F-35 (2016) 90%

KC-46 ~ 15M SLOC

Improved Sensors

Electrical-Optical

F-35 ~ 9M SLOC

Sensor Fusion

Controls & Displays

F-22 ~ 2M SLOC

Smart Weapons

Predictive Maintenance

GPS/Navigation

B-2 ~ 1.5M SLOC

Situational Awareness

Heads Up Displays

F-16 ~ 200K SLOC

Multi-Mission Platforms

Digital Flight Controls

SLOC estimates at initial production

SLOC = Source of Lines Of Code

Operational Flight Software support expected to potentially triple over next 10 years