



Apache Project Office

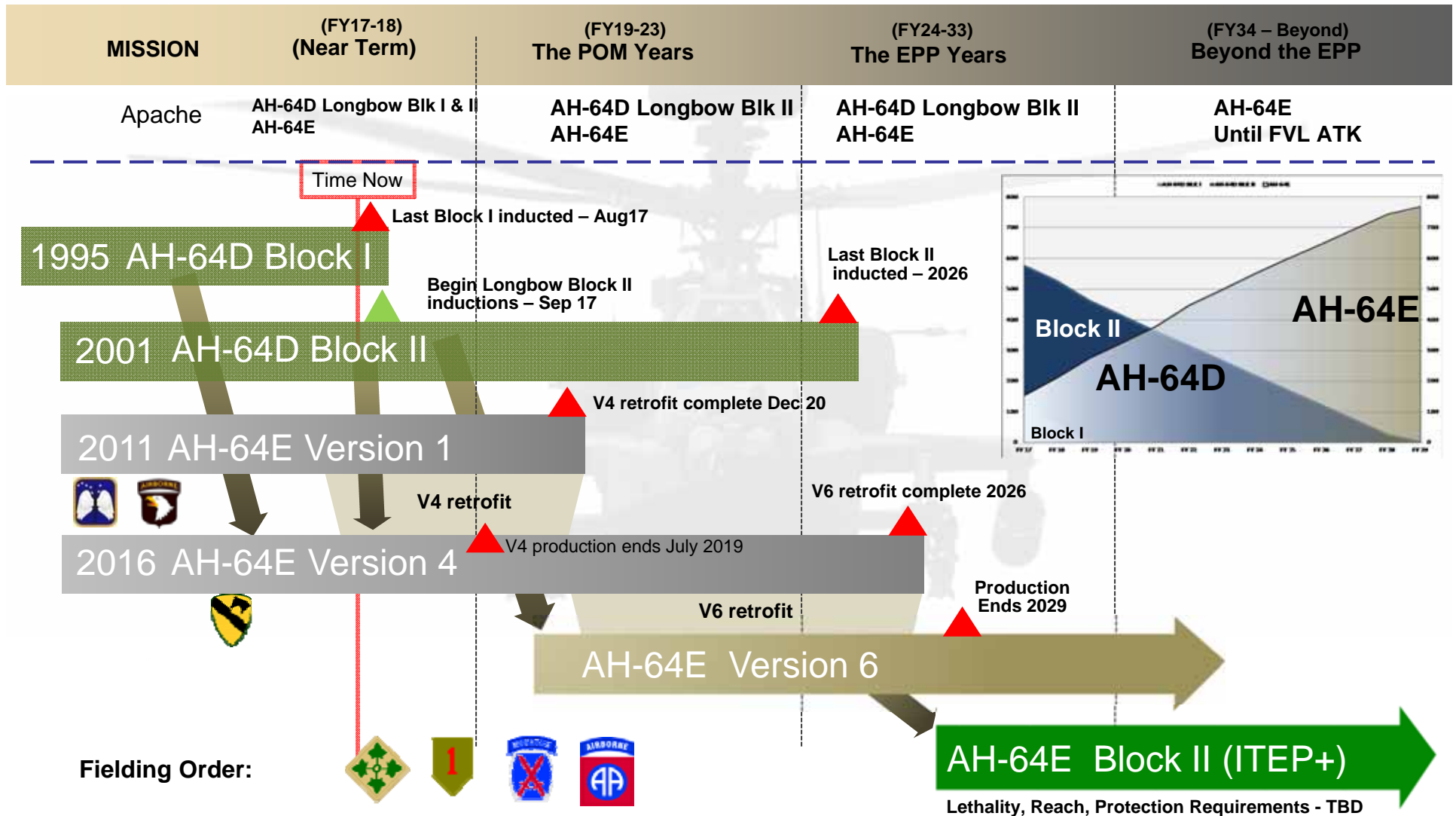
CRIBBINS SYMPOSIUM APACHE UPDATE

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AH-64 Configuration Roadmap

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AH-64E Operational Capability

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FY 2012 – 2015

2016 – 2018

2019 - 2026

AH-64E Version 1

- Level IV Unmanned Aircraft System
- Improved Communications Suite
- Improved Electronics / Modular Open Systems Approach
- Improved Drive System
- Composite Main Rotor Blades
- New Fuselages
- Integrated Aircraft Survivability Equipment
- Modernized Signal Processor Unit – Integrated (MSPU-I)
- Training Device Concurrency
- Radar Electronics Unit (REU)
- IMC/IFR Hardware / Software
- Pure 701D Engines with Enhanced Electronic Controls

AH-64E Version 4

- Link-16
- Air to Air to ground video relay (AAG)
- System Level Embedded Diagnostics (SLED)
- Smart Tool for Apache Maintenance Picture (STAMP)
- External Fuel System (Full Provisions)

Began fielding with 5UE

AH-64E Version 6

- Radar Frequency Interferometer (RFI) Passive Ranging/Range Extension
- Fire Control Radar Enhancements
- Longbow Integrated Maintenance Support System Ground Analysis Software Improvement
- Interactive Electronic Technical Manual Upgrade
- Aided Target Detection / Classification
- Maritime Targeting Mode
- Multi-Mode Laser
- Image Blending
- Soldier Radio Waveform (SRW)
- Embedded Diagnostics

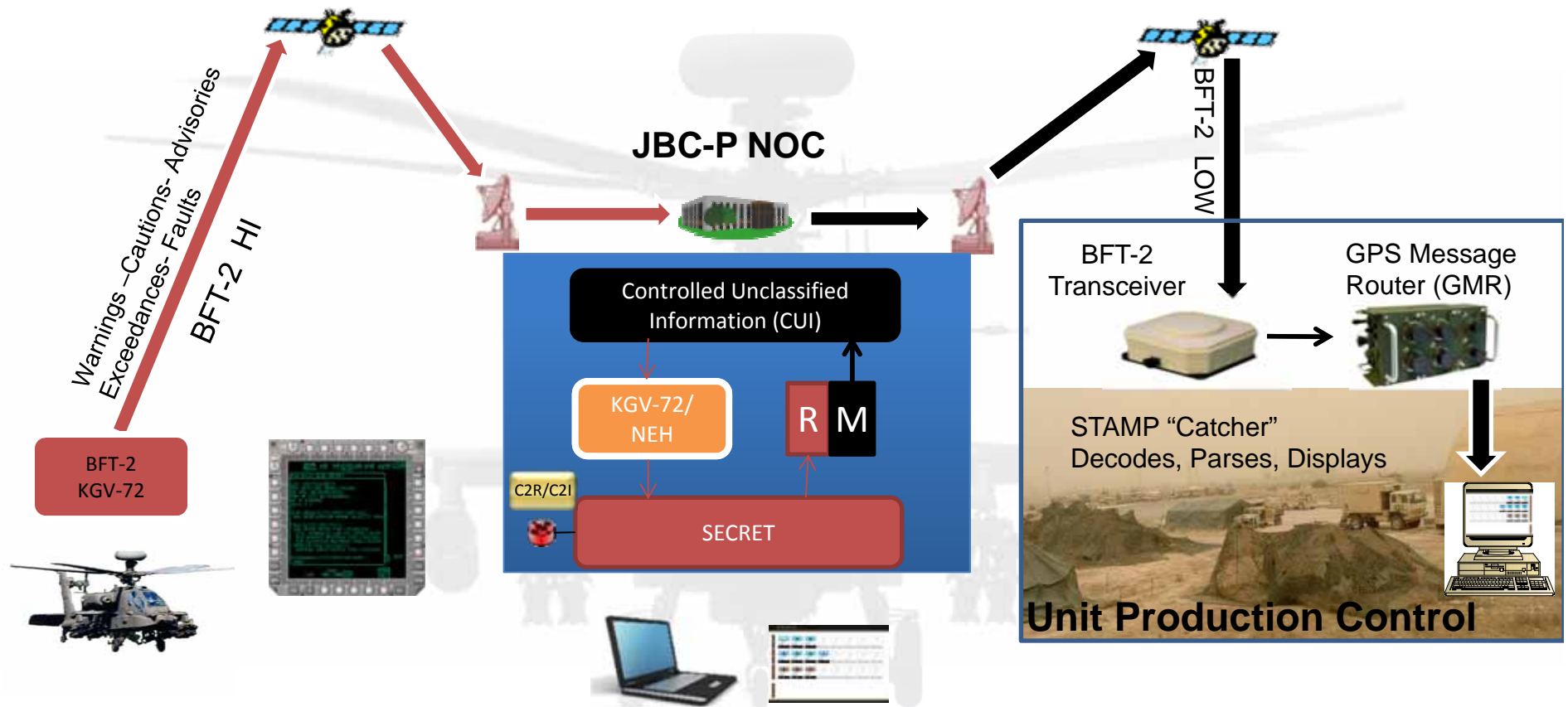
Fielding Aug 2019

- 767 AH-64E aircraft is the planned end state



SLED Message (V4/V6)

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	<i>SLED – Auto</i>	<i>SLED – Flight Takeoff / Landing</i>	<i>SLED – Mayday</i>	<i>SLED - Manual</i>
Trigger	SLED Report data posted = New WCAFE	Upon Aircraft Take-off/Landing	MAYDAY = Send (EMER XPNDR or Manual)	MAIL SLED Report = Operator Send



STAMP Capability

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