



Education and Training Development: Multi-Domain Operations

SOS 18D Raptors

Slides and Discussion

UNCLASSIFIED



Overview

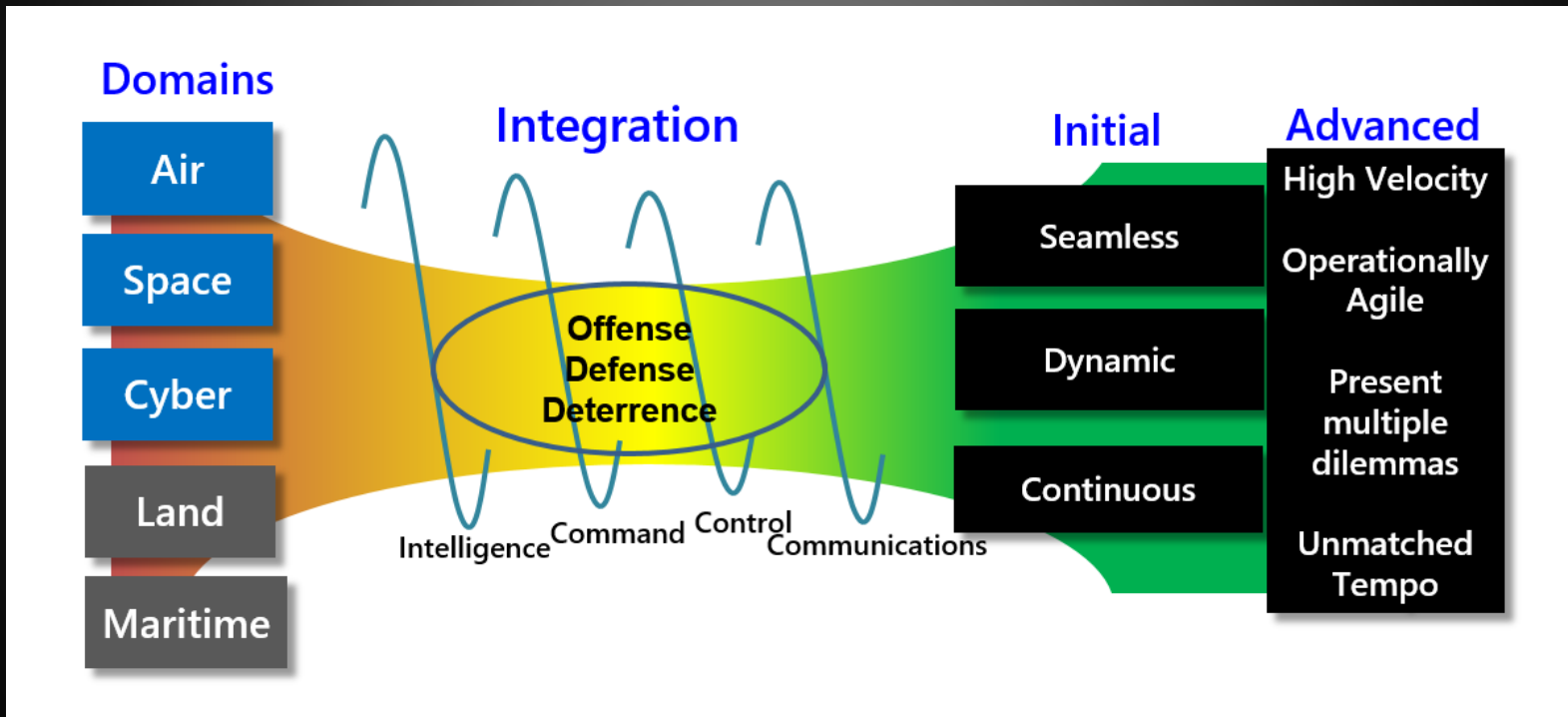


- Multi-Domain Operations
- So What?
- Problem Statement
- Solution
- Considerations
- MDO Knowledge Baseline
- COAs
- Questions

- The Squad:
 - Capts: Benson, Brady, Cameron, DeForest, Hyzer, Radford, Rusinko, Sattes, Schoonover
 - Ms. Sparks



Multi-Domain Operations Overview





“MDO is a pick-up game.”



So What?



- Many Captains lack fundamentals on:

- Air Force warfighting capabilities and limitations
- Joint Planning & Integration



AS 2030 states "the AF's projected force structure is not capable of fighting and winning against this threat array without a shift in focus to multi-domain capabilities and capacity"



Problem Statement



- CSAF Focus Areas
 - Strengthen Joint Leaders and Teams
 - MDC2

Multi-Domain Operations is a nascent Air Force concept; AF lacks MDO educational development for Captains.



Solution



- First step...AF today vs AF tomorrow
- Establish MDO education and training curriculum for Captains
 - Foundational, focused, education and training
 - Curriculum includes:
 - Comprehend
 - MDO & MDC2 concepts and theory
 - Air Force's Capabilities & Limitations
 - Integrated MDO maneuver in/through domains to achieve effects
 - Demonstrate
 - Tactical and theater level planning
 - MDO integration
 - Mission Command



Considerations



- Where do we start?
 - Balance breadth vs depth vs mass...
- Who do we start with?
 - Everyone or select few...
- Proficiency?
 - Focus on career field or expand knowledge...
- Classification?
 - Unclass or Secret...

Air Force Today

MDO Knowledge Baseline

IST/IQT/MQT

MDO ~~Course~~

PDE

WIC

IDE/SDE



MDO Knowledge Baseline



Air Force of the Future!



IST/IQT/MQT

MDO Course

PDE

WIC

IDE/SDE



Courses of Action



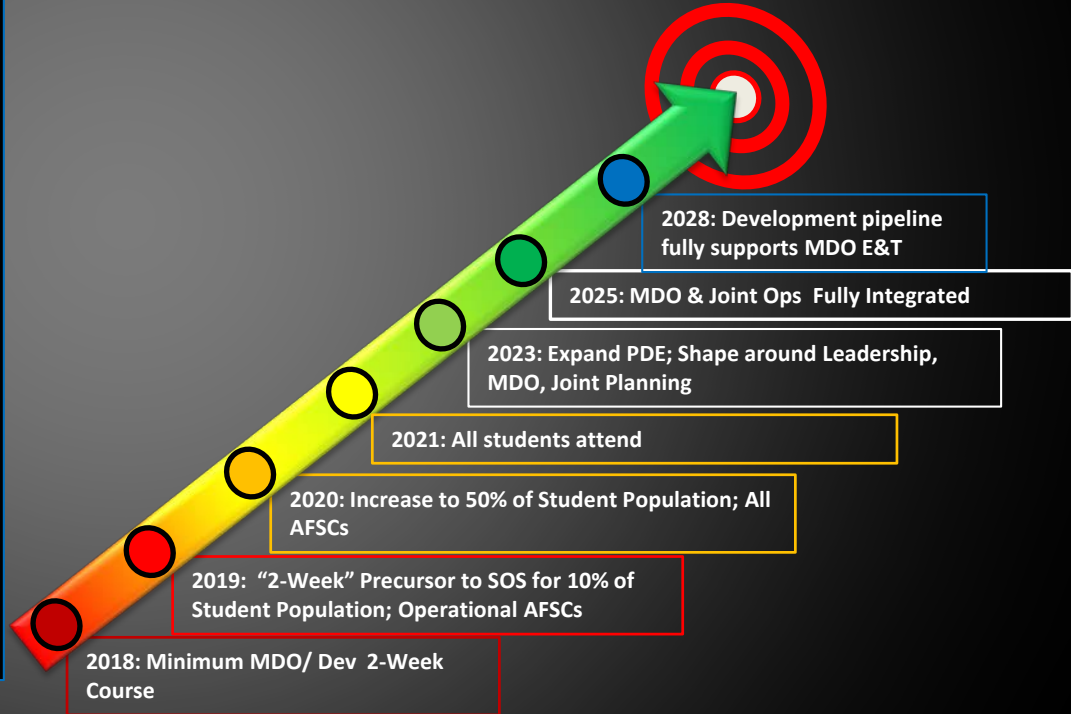
“Start Small, Fail Fast - Win Small, Scale Fast”



COA 1: Pre-SOS for 2-week course



Target 2030: Future Air Force



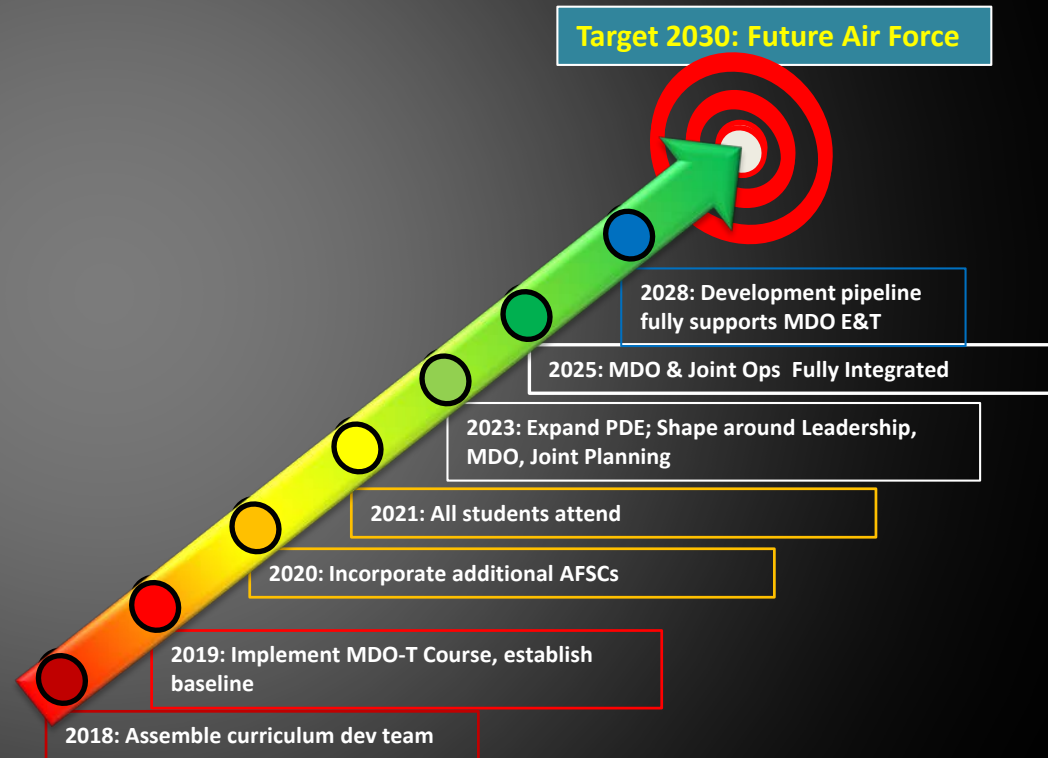
- **Pre-SOS MDO Block**
 - 11B, 11F, 11H, 11M, 11R, 11S, 11U, 12B, 12F, 12M, 12R, 12S, 12U, 13B, 13S, 14N, 17D, 18A, 18R, and 18S
- **Timeline: (Months)**
 - +1: Requirements Planning/Approvals
 - +2: Initial Cadre Develop Curriculum
 - +4: Syllabus approval & validation class
 - +6: First student class begins
- **Cost Estimate (Initial)**
 - \$1200 per student
 - \$20K O&M
- **Manpower Estimate:**
 - 8 Instructors



COA 2: MDO Training 4-week Course



- **Multi-Domain Operations Training School**
 - 11B, 11F, 11H, 11M, 11R, 11S, 11U, 12B, 12F, 12M, 12R, 12S, 12U, 13B, 13S, 14N, 17D, 18A, 18R, and 18S
- **Timeline: (Months)**
 - +2: Requirements Planning/Approvals
 - +4: Initial Cadre Develop Curriculum
 - +6: Syllabus approval & validation class
 - +7: First student class begins
- **Cost Estimate (Initial)**
 - \$2700 per student
 - \$1.5M O&M
- **Manpower Estimate:**
 - 8 Instructors





Recommended COA



- COA 1 – SOS as a platform for 2-week Course
 - Cost: COA 1 is cost effective
 - Scalability: Easy to scale up...or down
 - Need: Both address future need
 - Mass: SOS is already a part of Captain development
 - Resources: Can use existing resources at Maxwell



Recap



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Questions?