



# MQA-7

## CAS PLANNING



**PREREQUISITIES:** MQA-6

**REQUIRED READING:** CDC 1C451 Exportable Training Package Supplement 2-1 (Plan and Perform a Close Air Support Mission); JPUB 3-09.3; AFTTP(I) 3-2.6 (JFIRE); AFTTP(I) 3-2.10 (JAAT); AFFTP 3-1 Vol 26 (ASOC & TACP Operations), Chapter 6; Squadron TACP Handbook

**PURPOSE:** Familiarize new ALO with the CAS mission planning process



# OVERVIEW



- ◆ AIRCRAFT AVAILABILITY AND THE ATO
- ◆ COMMANDER'S INTENT
- ◆ A2C2 / ACA PLANNING
- ◆ COMMUNICATIONS PLANNING
- ◆ TAC PLACEMENT
- ◆ SEAD PLANNING



# AIRCRAFT AVAILABILITY AND THE ATO



- ◆ Two Main Questions
  - ◆ What Priority Does My Unit Have?
  - ◆ What Dedicated A/C Do I Have?
- ◆ Give BDE CC Educated Guess on Number of A/C
- ◆ Explain A/C Capabilities and Limitations



# COMMANDER'S INTENT



- ◆ CC Guidance Must Give
  - ◆ Specific
  - ◆ Definable
  - ◆ Realistic
- ◆ “What Ifs” From CC
- ◆ Clearly Defined Intent



# A2C2 / ACA PLANNING



- ◆ Four Main Player for Airspace
  - ◆ CAS
  - ◆ Artillery
  - ◆ Army Aviation
  - ◆ UAVs
- ◆ Majority of Airspace Deconfliction
  - ◆ JAATs
  - ◆ Artillery
  - ◆ UAVs



# A2C2 / ACA PLANNING



## ◆ UAVs

- ◆ Operate from 6,000' to 12,000' AGL
- ◆ Generally Prefer 8,000' to 10,000' AGL
- ◆ S2 UAV Can Fly UAV Out When CAS is In



# A2C2 / ACA PLANNING



- ◆ **Artillery Coordination Questions**
  - ◆ What is the expected weather?
  - ◆ What are the ADA threats?
  - ◆ Are there any JFACC mandated CAS restrictions?
  - ◆ Where are the Army's Position Areas of Artillery (PAAs)?
  - ◆ Where is Coordinated Fire Line (CFL)?
  - ◆ Will artillery be using high- or low-angle fire?
  - ◆ Will MRLS be firing anywhere in the area?
  - ◆ What is the MAXORD and MINORD in the primary CAS engagement areas?



# A2C2 / ACA PLANNING



- ◆ ACA Design (Two Types)
  - ◆ Ingress / Egress ACAs
  - ◆ Employment ACAs



# A2C2 / ACA PLANNING

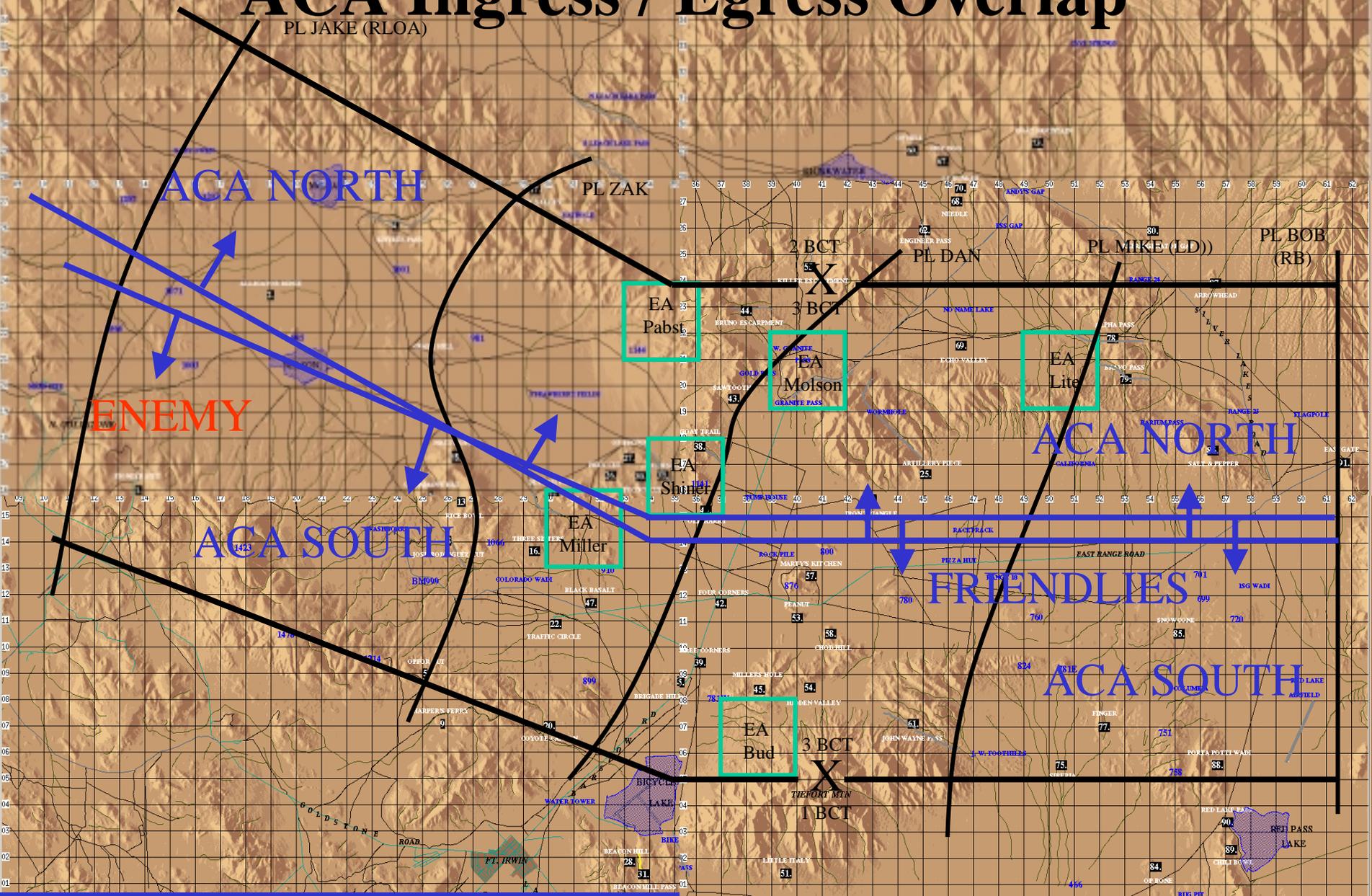


## ◆ Ingress / Egress ACAs

- ◆ How Fighters Get To Tgt And Back to IP
- ◆ Should Plan Both High and Low War ACAs
- ◆ Widths Based on Low or High War
- ◆ Should be Built to Cover Entire BDE Lane
- ◆ ACAs Break Into 5-10Km Chunks
- ◆ One ACA Might Be Ingress and Another Egress

# Movement to Contact – MTC

## ACA Ingress / Egress Overlap





# A2C2 / ACA PLANNING



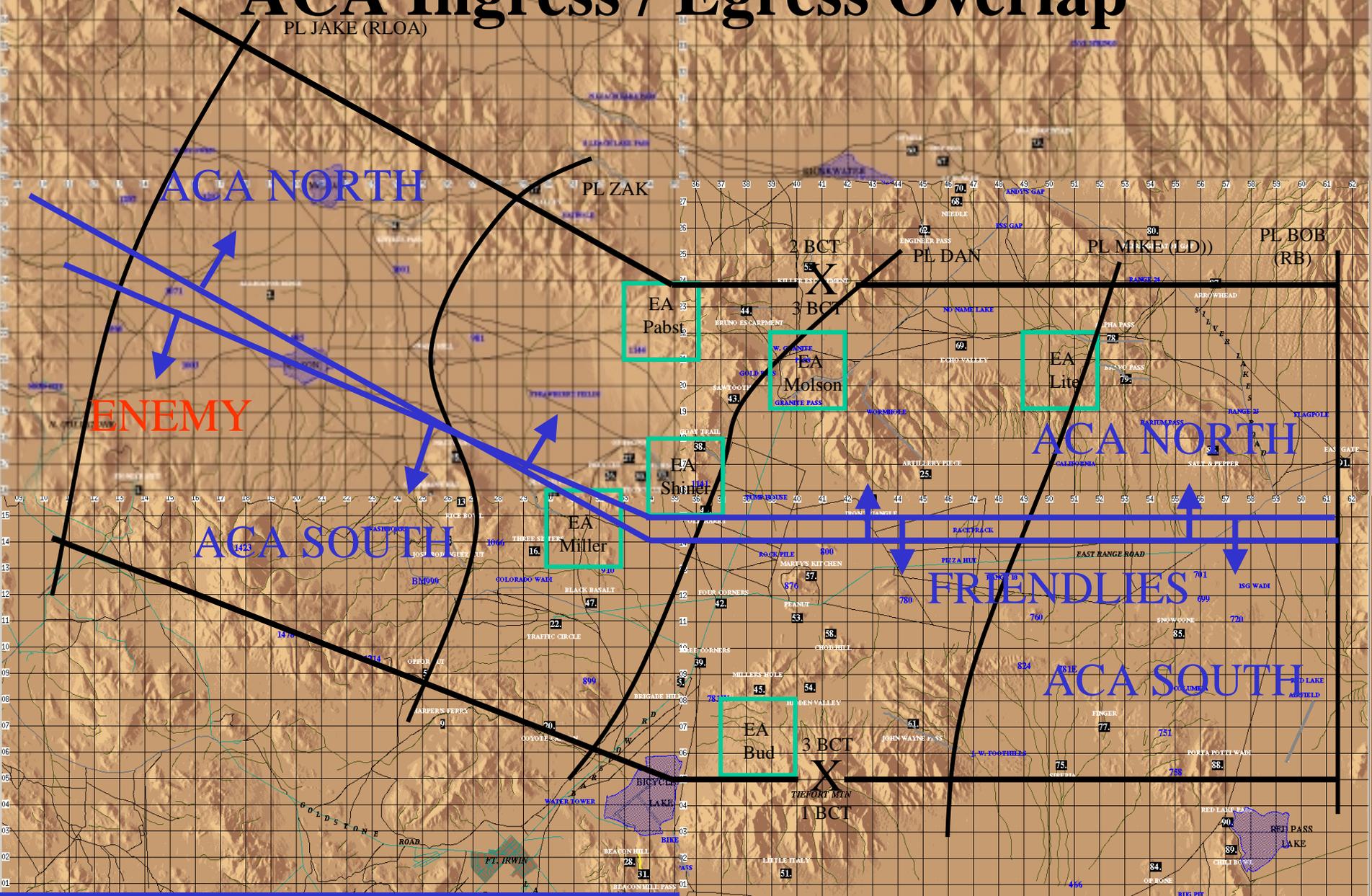
## ◆ Employment ACAs

- ◆ Where Fighter Drop Bombs
- ◆ Widths Based on A/C
  - ◆ F-16 – 7-10 km
  - ◆ A-10 – 5-7 km
- ◆ Technique #1 – 9 km Circle (A/C W/I 5 km)
- ◆ Technique #2 – Use Terrain / Grid Lines
- ◆ Floor 1,000' Above Max Ord / Ord X



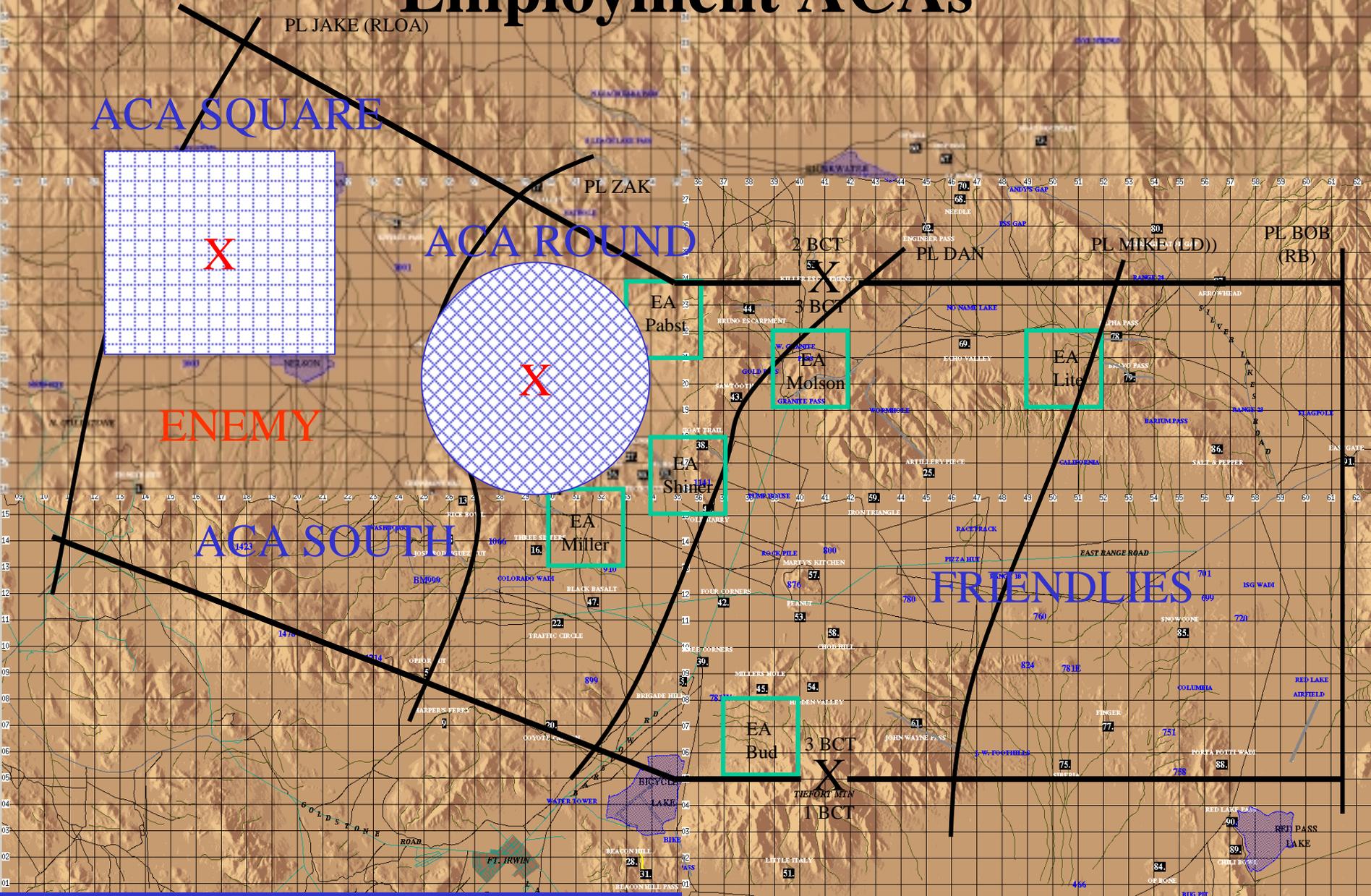
# Movement to Contact – MTC

## ACA Ingress / Egress Overlap



# Movement to Contact – MTC

## Employment ACAs





# TAC PLACEMENT



- ◆ FACA
- ◆ Indirect From TOC / TAC
- ◆ ETAC From Their Bn or Near FIST / COLTS



# SEAD PLANNING



- ◆ Enemy ADA is Highest Priority
- ◆ Templated ADA
- ◆ Ingress / Egress SEAD
- ◆ How ACAs Will Be Open / Closed W/ SEAD
- ◆ SEAD / A/C Timing



# COMMUNICATIONS PLANNING



- ◆ AFARN
- ◆ Tactical Admin
- ◆ Check-in
- ◆ CAS Control
- ◆ Army Admin



# REVIEW



- ◆ AIRCRAFT AVAILABILITY AND THE ATO
- ◆ COMMANDER'S INTENT
- ◆ A2C2 / ACA PLANNING
- ◆ COMMUNICATIONS PLANNING
- ◆ TAC PLACEMENT
- ◆ SEAD PLANNING



# QUESTIONS

