



Synthetic Training Environment (STE) Cross Functional Team (CFT)

***BG Glaser
Director***

Version:3.0 (TSIS)
As of 20230612



U.S. and Ukraine Service Members Working Together

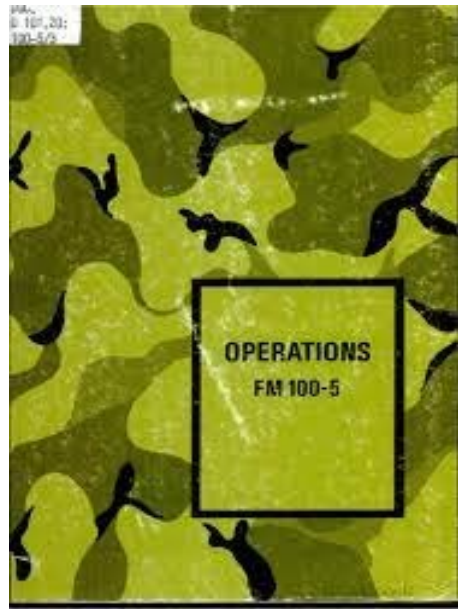


Army in 1970s and Now

Army of 1970s; "Today's Army Wants You"



Vietnam Conflict

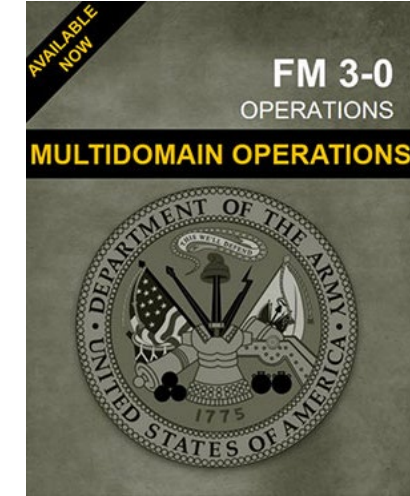


OPERATIONS
FM 100-5

Army of the 2020s; "Be All You Can Be"



Global War on Terror



AVAILABLE NOW
FM 3-0
OPERATIONS
MULTIDOMAIN OPERATIONS
DEPARTMENT OF THE ARMY
UNITED STATES OF AMERICA
1775

 TRADOC
1973



M1
Big Five



UH-60



AH-64



PATRIOT



M2

Yom Kippur War



Army Futures
Command 2018



Ukraine Conflict



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"History never repeats itself, but it does often rhyme"
-- Mark Twain



STE What's Next

Secretary of the Army, Building Army of 2030

- Sense Farther and More Persistently
- Concentrate Highly Lethal Low Signature Combat Forces
- Deliver Precise, Longer-Range Fires
- Sustain the Fight Across Contested Logistics
- Protect Our Forces Against Air, Missile and Drone Attacks
- Communicate and Share Data



**** AFC Commanding General

AFC Purpose: Transform the Army to ensure war-winning future readiness

AFC CG Priorities:

- Prioritize People
- Design Army of 2040
- Deliver Army of 2030

Current STE Signature Efforts for Army of 2030:

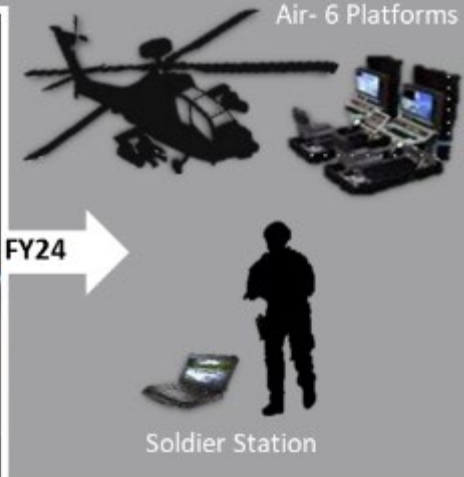
STE Bridging Efforts

- Vehicle ID
- Next Generation Constructive
- Precision Gunnery Trainer
- Incorporate New Weapons and Vehicles
- Virtual Maintenance Trainer

This is the space we can use your help

STE CFT What's Next (Design Army of 2040):

- Continued development of the realities of an MDO battlefield
- Wargaming, Rehearsal with Machine Learning
- Embedded and Appended Capability
- Future (New) Weapon and Vehicle Variants
- Integration of Cyber and Space Domains with Next Generation Constructive





Questions to Leave You with....

- **How could we support simulation efforts for Contested Logistics?**
- **How do we improve Live Training at U.S. Army home stations with simulations? (posts, camps and stations)**
- **Virtual Metaverse vs. Live Mixed Reality?**
- **What tools are being developed for Cyber and Space Domains that we can further develop Warfighter Decision-Making Capability?**