



1943 ★ 2016

TENNESSEE
M A N E U V E R S



Tennessee Maneuvers 2016
Orientation Briefing



AGENDA

- HISTORICAL CONTEXT
- PURPOSE OF EXERCISE
- EXERCISE EXAMPLES:
 - DEPARTMENT OF THE MILITARY (TNMAN 16)
 - TEMA (TNCAT 16)



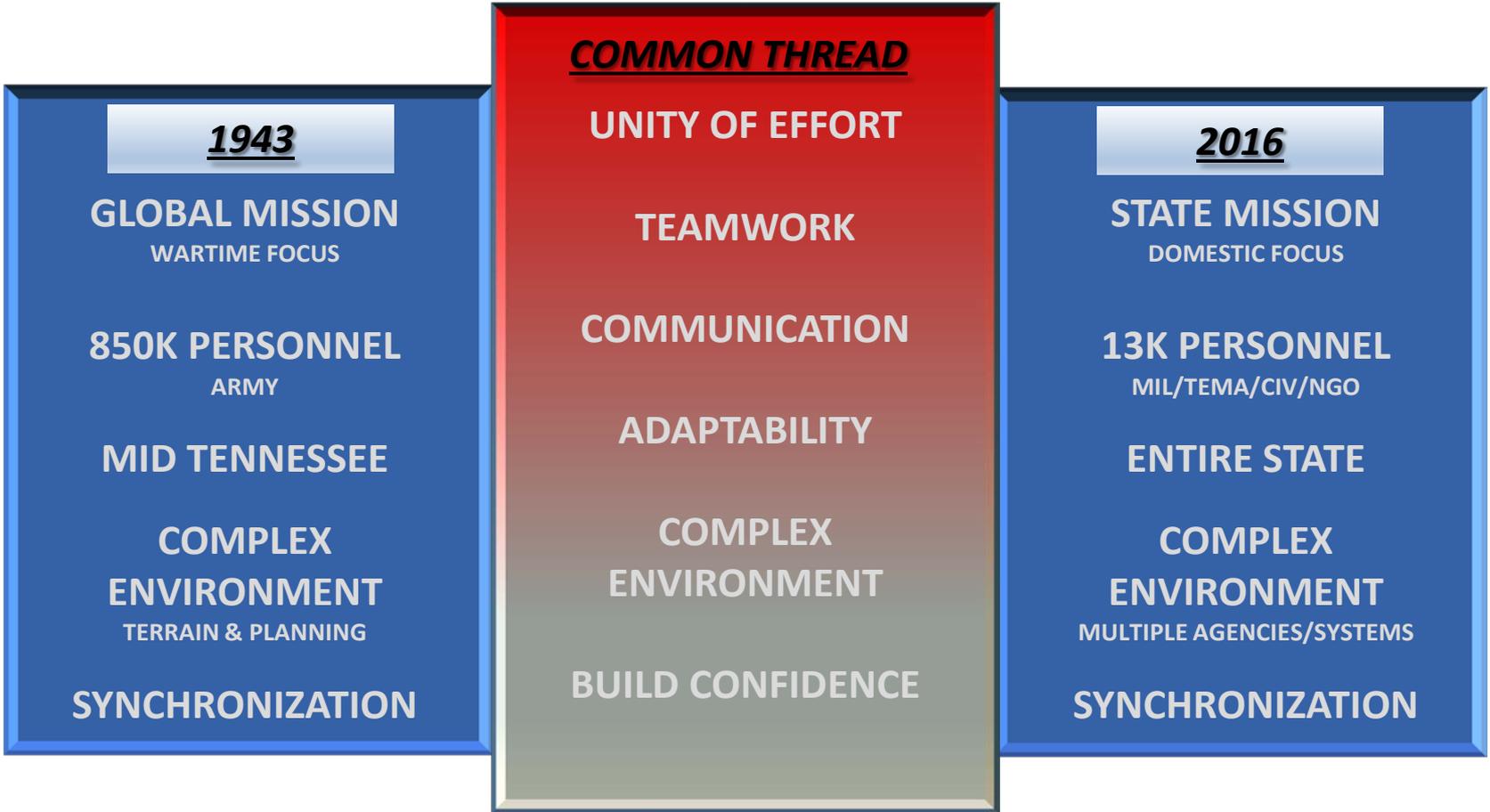
HISTORICAL CONTEXT

- TIME PERIOD (1941-1944)
- U.S. CONDUCTS 7 OF 48 LARGE SCALE/SPECIALTY MANEUVERS IN MIDDLE TENNESSEE
- 850K PERSONNEL IN AND AROUND 20 COUNTIES
- LOCAL POPULACE PROVIDES EXTENSIVE SUPPORT
- ADAPTABILITY, TEAM WORK AND PREPARATION ARE HALLMARKS OF THE MANEUVERS





PURPOSE OF EXERCISE





PURPOSE

- **PRODUCE A FULLY INTEGRATED INTERAGENCY EXERCISE**
 - Agencies participating in accordance with authorities.
 - Minimize “notional” participates
- **TEST AND DEMONSTRATE CATASTROPHIC RESPONSE CAPABILITIES**
 - Identify weaknesses
 - Prepare for the unknown challenges
- **SUPPORT LOCAL GOVERNMENT NEEDS**
 - Tennessee Military Dept. supports state authority
 - Support to agency in need through proper authorities
- **SYNCHRONIZATION OF EXPERTISE AMONG ALL SUPPORTING AGENCIES**
 - Gain knowledge of agency capabilities
 - Practice unity of effort
 - Train to work as a team
 - What agency has the right capability for the assigned mission
- **EXERCISE TENNESSEE NATIONAL GUARD UNIQUE CAPABILITIES**
 - Use all unique capabilities
 - New units with new capabilities





TENNESSEE MILITARY DEPARTMENT

Mission

Air National Guard



State: To provide the Governor of Tennessee with units capable of performing missions in accordance with the Tennessee Emergency Response Plan

Federal: To provide the President & the Secretary of Defense with units capable of performing their wartime mission

Army National Guard



TENNESSEE EMERGENCY MANAGEMENT AGENCY

TEMA is the agency of state government responsible for managing the state's response to emergencies and disasters that affect the citizens of Tennessee and/or its local governments.





TENNESSEE MILITARY DEPARTMENT

Capability

Air National Guard

- 3,500 Members
- 6 Units
- 2 Flying Bases in Memphis, & Knoxville
- 1 Remote Piloted Aircraft Unit in Nashville
- 3 Ground Support Units
 - Knoxville
 - Chattanooga
 - Nashville



Army National Guard

- 10,620 Soldiers
- 141 Units
- 94 Armories
- 83 Communities
- 76 Counties



TENNESSEE EMERGENCY MANAGEMENT AGENCY

- Headquarters in Nashville
- Regional Offices in Jackson, Nashville, and Knoxville
- Bureaus devoted to Preparedness, Response and Recovery, Programs in Exercises, Grant Administration, Hazard Mitigation, Local Planning, and Training
- 110 Staff Members
- Direct working relationships with Local Officials in all of Tennessee's 95 counties
- Embedded talent from the Tennessee Departments of Health, Military, Safety and Homeland Security, and Human Services, and Tennessee Highway Patrol
- Oversight of the Emergency Services Coordinator (ESC) program

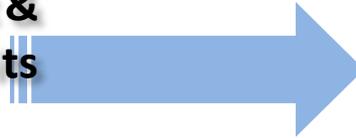




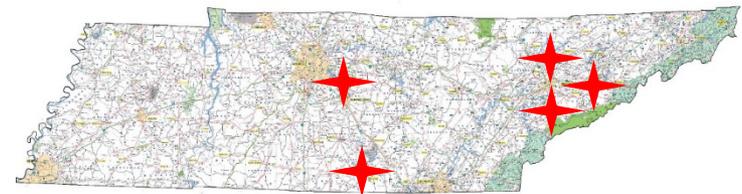
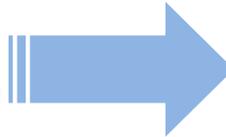
Current Operating Environment

- Force Provider for State and Federal Mission
- Must balance resources to respond to each mission
- Must operate in complex ambiguous environment at home and abroad
- Must operate within different authorities for each

Federal: To provide the President & the Secretary of Defense with units capable of performing their wartime mission



State: To provide the Governor of Tennessee with units capable of performing missions in accordance with the Tennessee Emergency Response Plan



- March 2013 Sevier County Wildfires
- April 2014 Lincoln County Tornado
- August 2014 Claiborne/Campbell County Tornado
- February 2015 Winter Storm Octavia (MID TN)
- July 2015 CSX Train Derailment



State Current Threats



FAYETTEVILLE TORNADO



SEVERE WEATHER
EARTHQUAKES
WILD FIRES
PANDEMICS

ACTIVE SHOOTER
HOMEGROWN VIOLENT EXTREMISTS
TERRORISM FROM FOREIGN AGENTS
CYBER TERRORISM

FOUO/UNCLASSIFIED



The Essential Ten

- COMMAND & CONTROL
- LOGISTICS
- AVIATION
- SECURITY
- ENGINEERING
- MAINTENANCE
- COMMUNICATION
- CHEMICAL BIOLOGICAL
- MEDICAL
- TRANSPORTATION
- CYBER





EXERCISE DESIGN

Realism

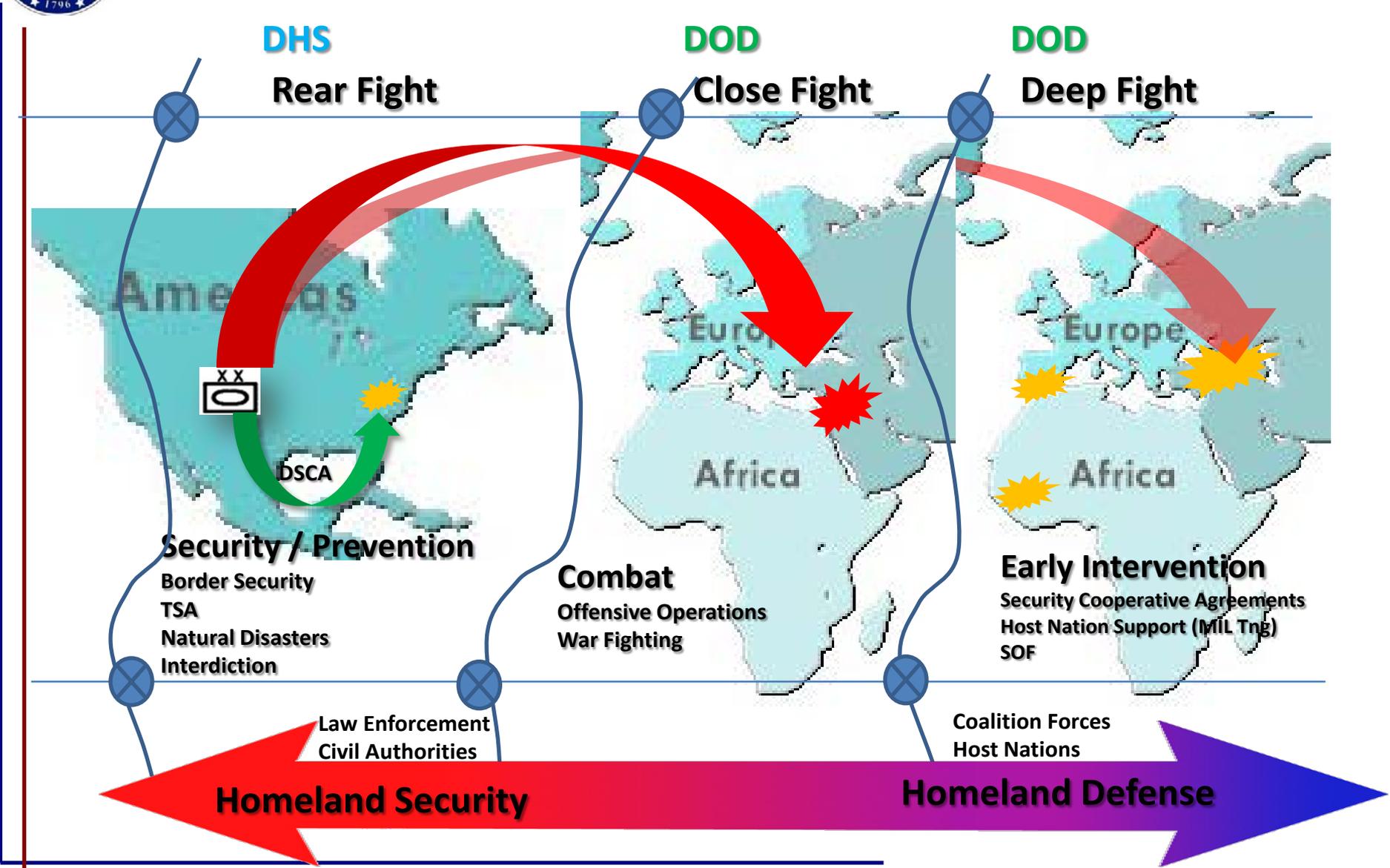
- Complex Terrain
 - Urban
 - Rural
 - Local Populace
 - Wide Area
- Multiple Partners
 - Coordination at the Tactical Levels
 - Diverse agency focus
 - Unity of Effort
- Unique Authorities and Statutes





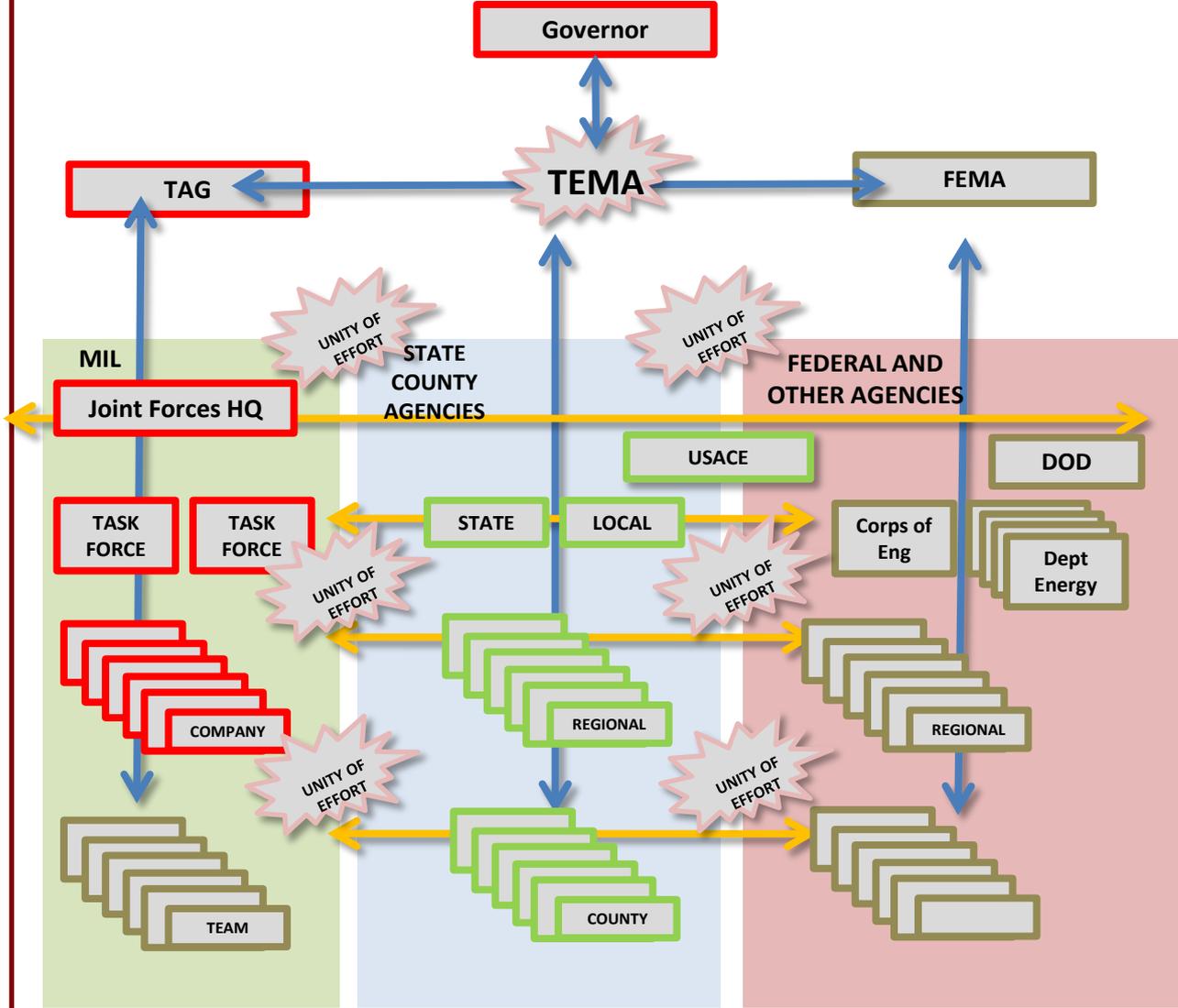
Complex Environment within the Homeland

Unique Authorities and Statutes





Realism – Exercise design



Exercise Realism

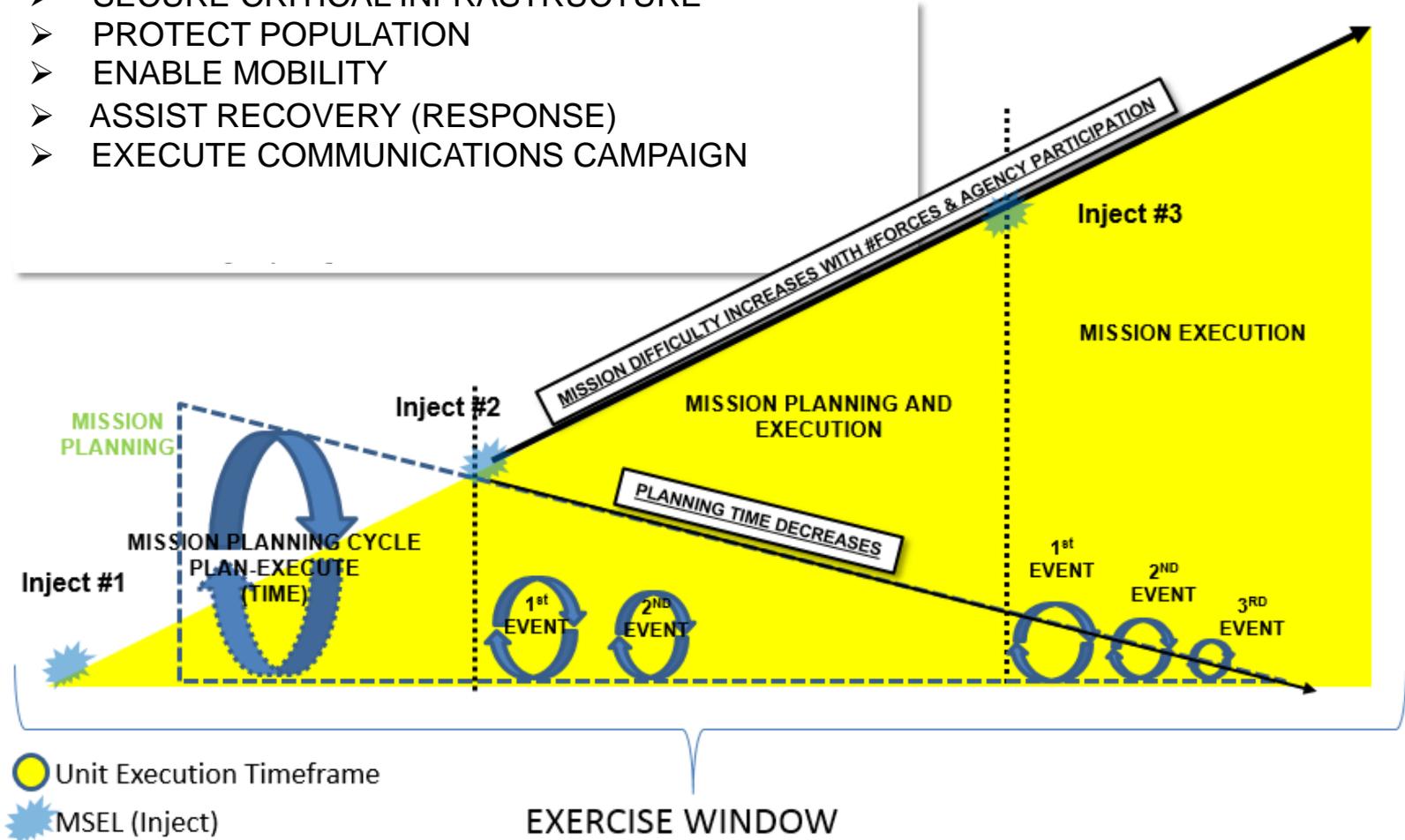
- Multiple Agencies
- Complex Environment
 - Urban
 - Rural
 - Wide Area
- Interagency Coordination
- Inject Unanticipated Challenges
- Reach the Culmination Point



Exercise Design

MILITARY OPERATIONAL PRIORITIES

- SECURE CRITICAL INFRASTRUCTURE
- PROTECT POPULATION
- ENABLE MOBILITY
- ASSIST RECOVERY (RESPONSE)
- EXECUTE COMMUNICATIONS CAMPAIGN



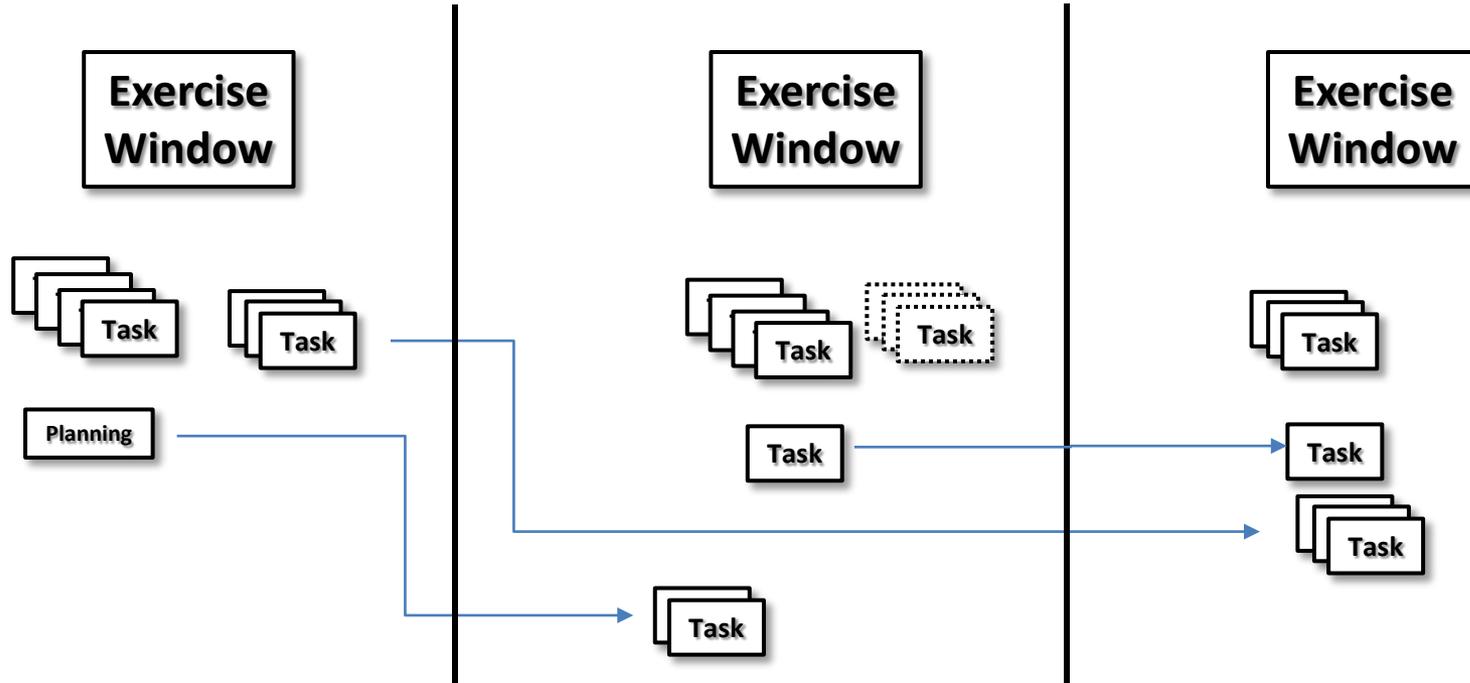


TN MAN EXERCISE WINDOWS

- Windows can be added
- Tasks can be added
- Scenario can prompt planning actions
 - Exercised in different window

Tennessee Maneuvers

May - July





TN MAN EXERCISE WINDOWS

WINDOW 3
 22-25 JUN 16
 TN CAT 16
 22-24 JUN 16

MAY WINDOW 13-15 MAY 16	WINDOW 1 11-14 JUN 16	WINDOW 2 18-21 JUN 16	WINDOW 2.5 20-23 JUN 16	WINDOW 3 22-25 JUN 16 TN CAT 16 22-24 JUN 16
MIDDLE TN REGION	WEST TN REGION MIDDLE TN REGION	WEST TN REGION MIDDLE TN REGION	WEST TN REGION	EAST TN REGION TNCAT 16
EXTREME WX	4.1 MAG EARTHQUAKE	EXTREME WX	6.5 MAG EARTHQUAKE	EXTREME WX
9 MAY (RAIN changing to Ice) 11 MAY (Severe Ice Damage) 14 MAY (STRANDED CIV)	11 JUN (4.1 MAG EARTHQUAKE)	13 JUN (SEVERE WX WARNING) 15 JUN (HEAVY RAINS) 17 JUN (FLOODING)	18 JUN (6.5 MAG EARTHQUAKE)	22 JUN (SEVERE WX)
	11 JUN (COG MOVE)		20 JUN (CIVIL UNREST)	
	4 JUN (TERROR THREAT)		22 JUN (HEALTH HAZARD)	



Exercise Window Example

Memphis International Airport 164 Airlift Wing Storyboard

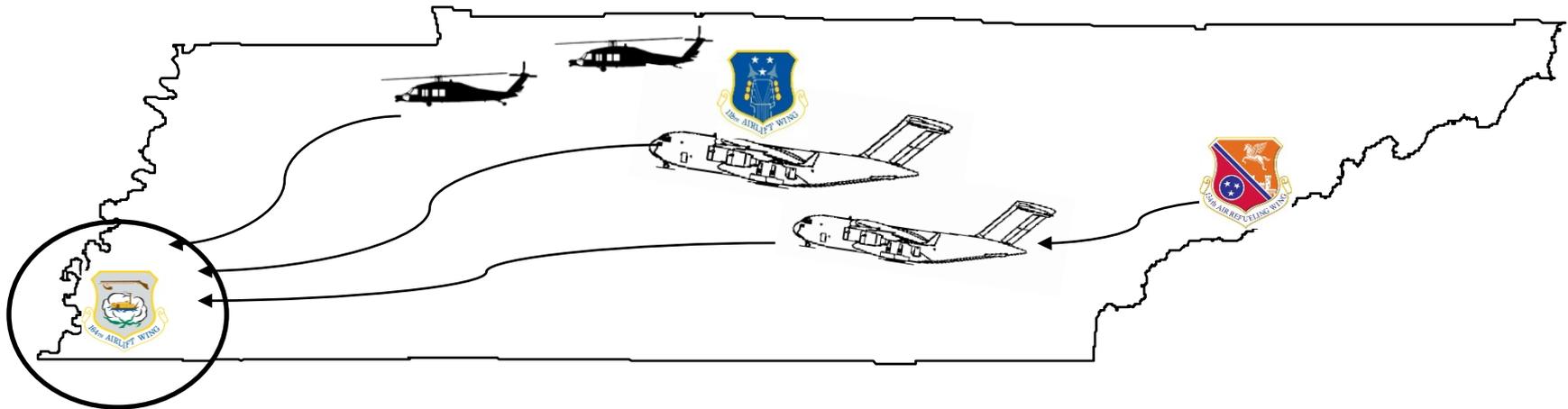


Memphis International Airport

164 Airlift Wing Storyboard

Scenario

- 6.5 Magnitude Earthquake occurs 18 June 2016
- ANG main exercise window is 20-23 June 2016
- Overall exercise objective: Establish Memphis International Airport/164th as a viable airhead for recovery operations in the aftermath of a catastrophic earthquake



- Movement of ADVON team to Memphis/164th via Blackhawks
- Movement of EOC/relief personnel to 164th from the 118th and 134th via C17 and KC135s
- Movement of elements of 168 MP Company to 164th via convoy



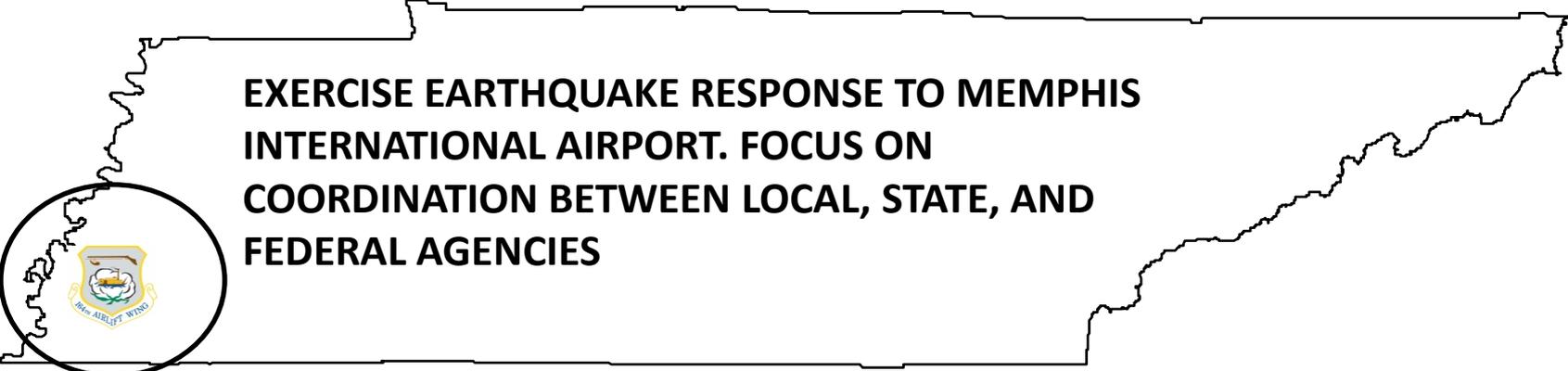
Memphis International Airport 164 Airlift Wing Storyboard

PRIMARY EXERCISE OBJECTIVES

ESTABLISH COMMAND AND CONTROL THROUGH A UNIFIED COMMAND – LOCAL, STATE, FEDERAL AGENCIES. TARGET AUDIENCE: TEMA, MSCAA, MSCEMA, MFD, TSA, DHS, VA, FAA, FEDEX, TENNESSEE MILITARY DEPARTMENT

RECEIVE FOLLOW ON FORCES TO RELIEVE THE 164TH MEMBERS – DEVELOP AND TRAIN A BLENDED EOC FROM THE 118TH AND 134TH.

FULLY INTEGRATE TENNESSEE ARMY NATIONAL GUARD MILITARY POLICE WITH TENNESSEE AIR NATIONAL GUARD SECURITY FORCES TO PROVIDE OVERARCHING SECURITY FOR PERSONNEL, ASSETS, AND MEMPHIS INTERNATIONAL AIRPORT

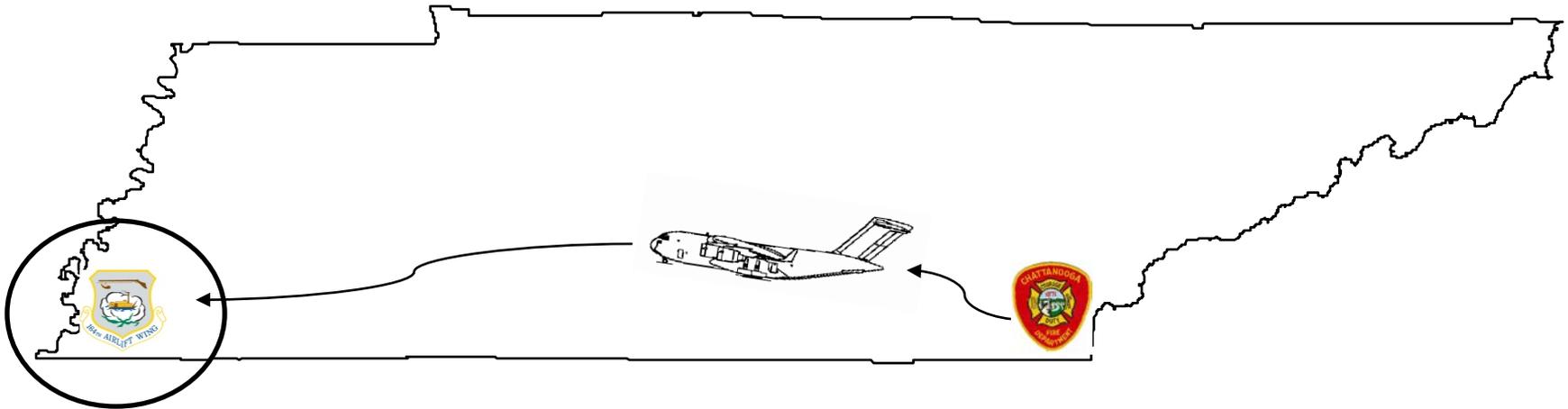
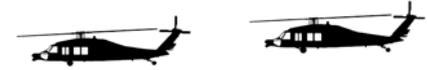


EXERCISE EARTHQUAKE RESPONSE TO MEMPHIS INTERNATIONAL AIRPORT. FOCUS ON COORDINATION BETWEEN LOCAL, STATE, AND FEDERAL AGENCIES

Chattanooga FD / 164th Storyboard

Scenario

- 6.5 Magnitude Earthquake occurs 18 June 2016
- ANG main exercise window is 20-23 June 2016
- Requested thru TEMA movement of Chattanooga Fire Special Operations personnel and equipment to Memphis (affected area) by C-17





Exercise Window Example

Tennessee Catastrophic Exercise 2016 (TNCAT 16)



TEMA

STATE OF TENNESSEE

Tennessee Catastrophic Exercise 2016
(TNCAT 16)

Comprehensive Exercise Program
Tennessee Maneuvers

2/3/2016



STATE OF TENNESSEE

TNMAN and TNCAT Planning

- Stake Holder Guidance
- TEMA's support to TNMAN
- Current Participating Jurisdictions
- Exercise Threat to be exercised
- Core Capabilities to be exercised
- Review of objectives.
 - Tasks
 - Activities
- Exercise Windows
- Participants



Stakeholder Guidance

- Support to Tennessee Maneuvers
- TNCAT (Tennessee Catastrophic Exercises) is part of TNMAN (TN Maneuvers)
- Exercise focus is on TEMA East Region
- Provide exercise to prepare for the UT – VT football game





Current Exercise Participants

- Participating Counties and Cities
- State Agencies
 - Health – Hospital Joint Commission scenario
 - Dept. of Education
 - Financial Institutions
 - SEOC ESCs
- Volunteer Organizations
- Large Scale event
- Training subjects prior to Exercise
 - EOC operations
 - Hazmat response
 - Search & Rescue



Participants





STATE OF TENNESSEE

- Exercise Development
 - Participating Jurisdictions ?
 - Participating Agencies ?
 - Participating Venues ?
 - Exercise Facilitation?



Exercise Planning

- **Exercise Types**

- **Discussion Based**

- **Seminar:** Informal discussion to orient participants to plans, policies, or procedures. Similar to a briefing or lecture. (one way discussion)
- **Workshop:** Discussion used to build specific products; more structured than a seminar. Two way communication.
- **Table Top:** Discussion with a scenario to assess policies, plans and procedures.
- **Game or Simulation:** Competitive simulation involving two or more teams.

- **Operational Based**

- **Drill:** Coordinated activity to test a single function in a single agency, such as a fire drill at a school or the crew of a fire engine practicing.
- **Functional:** Activity to test direction, control among coordination centers. No field assets (“No Boots on Ground”).
- **Full Scale:** Multiagency multifunction evaluation of direction and coordination centers and field assets.

Exercise Planning

- **Levels of Participation**
 - **Observation**
 - **Communication Drill**
 - **Assist with delivery – Controller etc.**
 - **Mutual aid to another jurisdiction**
 - **Activate EOC**
 - **Full Scale**



TNCAT Exercise Series

West Region

TNCAT 14 / CAPSTONE

TNCAT 17

Middle Region

TNCAT 15 (impacted by February

Weather)

TNCAT 18

East Region

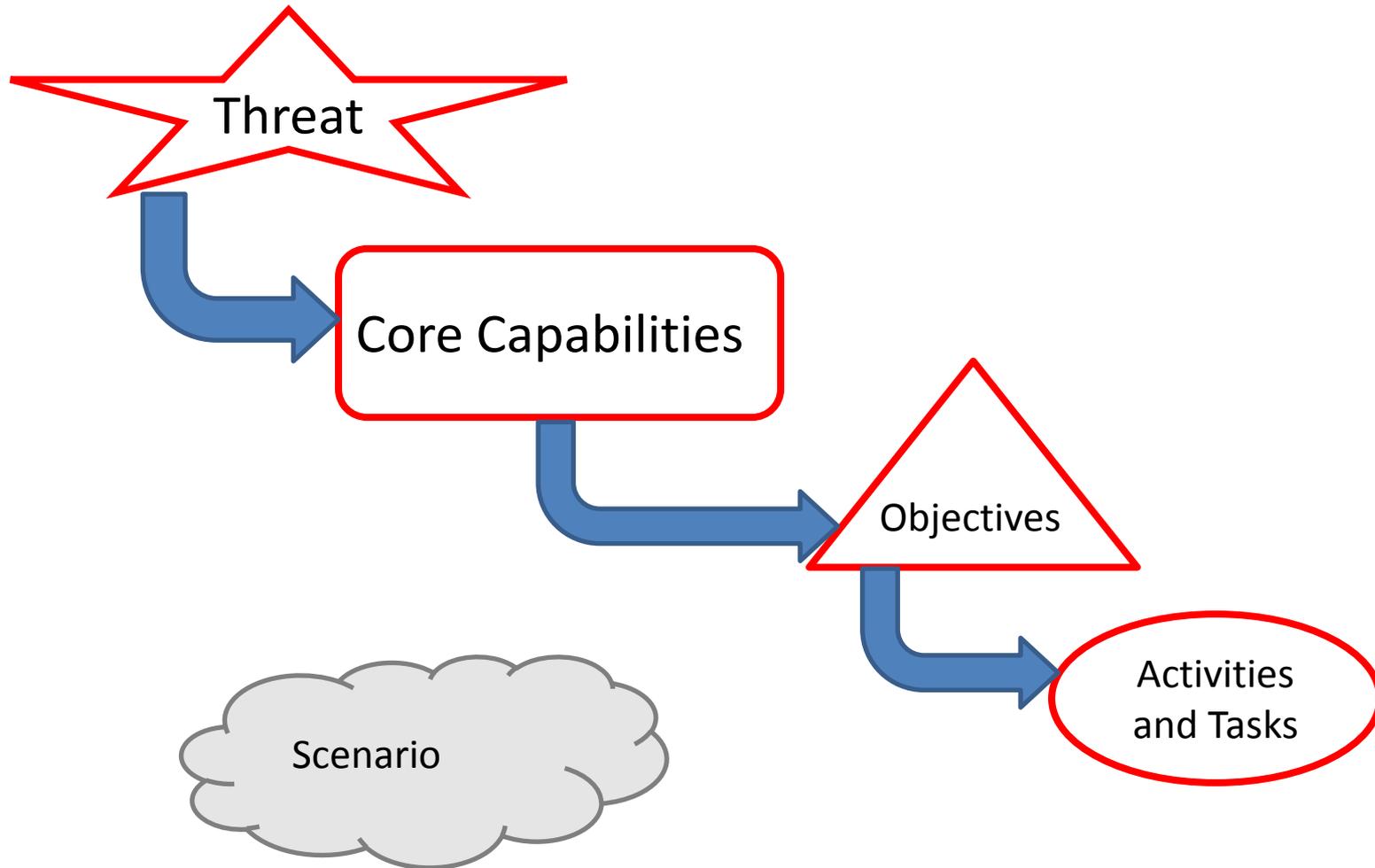
TNCAT 16

TNCAT 19





STATE OF TENNESSEE

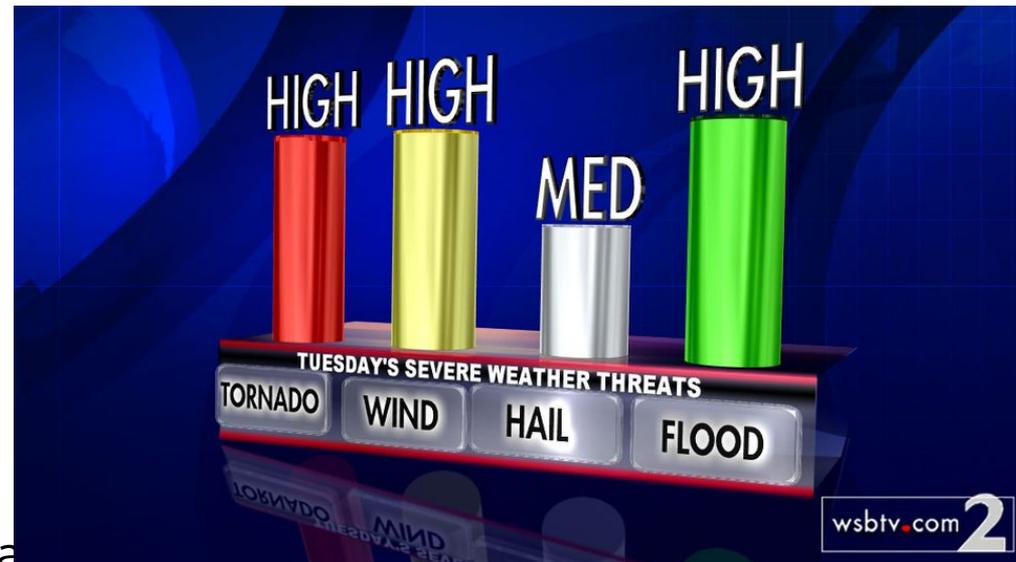




Process

- **TN Hazards of Prime Concern 2013**

- Drought
- Earthquake
- Extreme Temperature
- Wildfire
- Flood
- Geologic
- Severe Weather
- Tornado
- Communicable Disease
- Dam/Levee Failure
- Hazardous Material Release
- Terrorism
- Infrastructure Incident



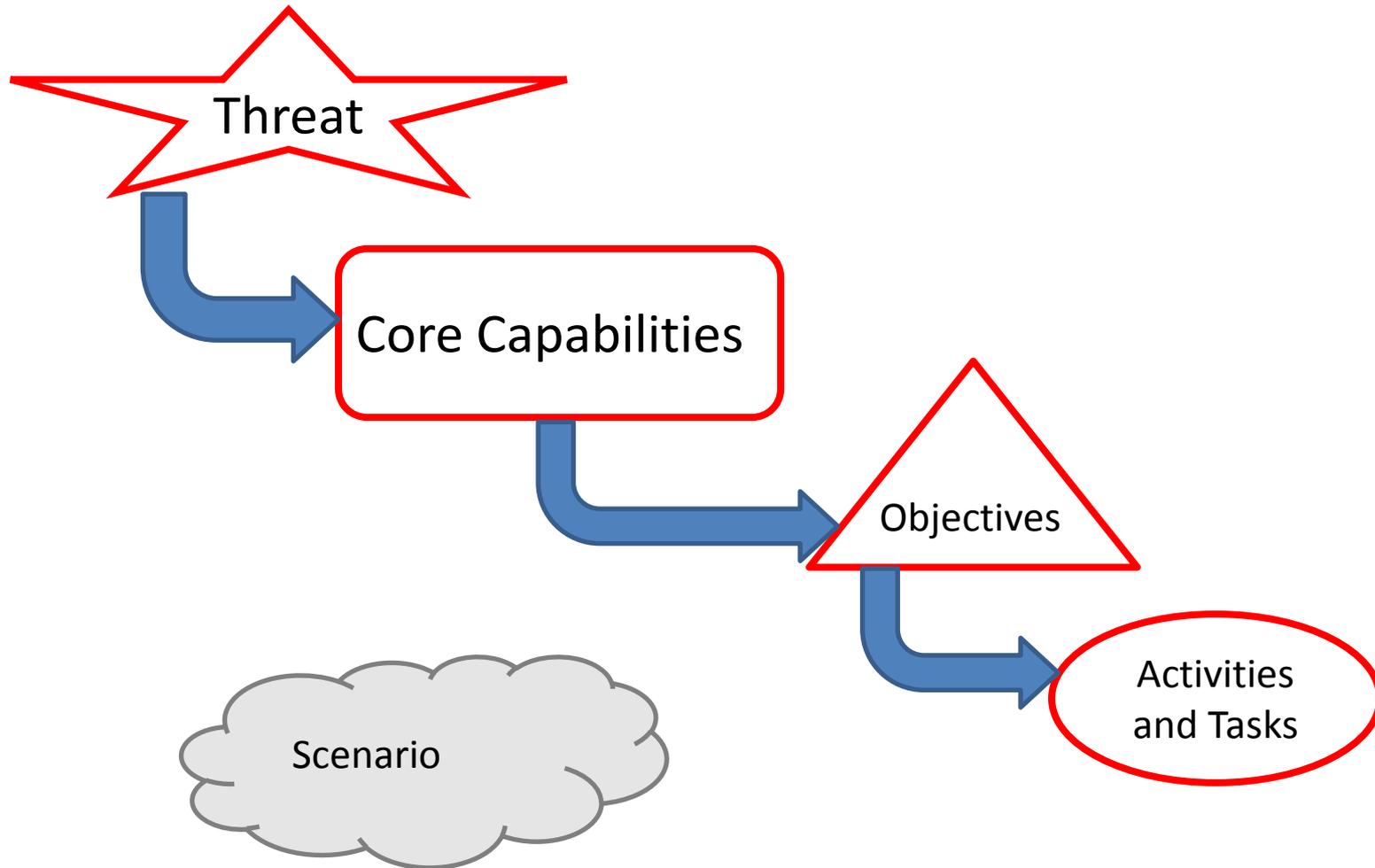


STATE OF TENNESSEE

Prevention	Protection	Mitigation	Response	Recovery
Planning				
Public Information and Warning				
Operational Coordination				
Forensics and Attribution Intelligence and Information Sharing Interdiction and Disruption Screening, Search, and Detection	Access Control and Identity Verification Cybersecurity Intelligence and Information Sharing Interdiction and Disruption Physical Protective Measures Risk Management for Protection Programs and Activities Screening, Search, and Detection Supply Chain Integrity and Security	Community Resilience Long-term Vulnerability Reduction Risk and Disaster Resilience Assessment Threats and Hazard Identification	Critical Transportation Environmental Response/Health and Safety Fatality Management Services Fire Management and Suppression Infrastructure Systems Logistics and Supply Chain Management Mass Care Services Mass Search and Rescue Operations On-scene Security, Protection, and Law Enforcement Operational Communications Public Health, Healthcare, and Emergency Medical Services Situational Assessment	Economic Recovery Health and Social Services Housing Infrastructure Systems Natural and Cultural Resources



STATE OF TENNESSEE





STATE OF TENNESSEE

TNCAT 16 OBJECTIVES

- Demonstrate the capability to manage (direction and coordination) the emergency response to a large scale / catastrophic / mass casualty - weather caused event.
- Demonstrate the ability to communicate via interoperable systems in order to protect property and the public during a large scale disaster event.
- Operate a multi agency – unified command in response to a large scale disaster.
- Manage the resource logistics requirements in response to a large scale disaster event.
- Demonstrate the ability to request, deploy and receive mutual aid resources.
- Demonstrate the ability to request, deploy and respond to a large scale search and rescue disaster event.
- Demonstrate the ability to reestablish and assist the banking/financial institutions' operations in the impacted area in a large scale disaster event.



TNMAN Exercise Windows

MAY 2016

Thur	Fri	Sat	Sun	Mon
12	13	14	15	16



May Exercise Window



TNMAN Exercise Windows

JUNE 2016

Jun-16				Jun-16			Jun-16				Jun-16			
Sat	Sun	Mon	Tue	Wed	Thur	Fri	Sat	Sun	Mon	Tue	Wed	Thur	Fri	Sat
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

Window 1

Window 2

Window 2.5

Window 3
TNCAT



TNCAT 16

- TNCAT is a state wide exercise
- TNCAT16 focused on East Region
- 20 Counties in East Region have noted a desire to participate
- Severe weather threat focus



Exercise Planning

- TNCAT Planning Schedule
 - Planning Process
 - TNCAT Concepts and Objectives - Complete
 - Initial Planning - Complete
 - Mid Term Planning
 - Master Scenario Development
 - Final Planning
 - Weather Scenario unfolding from 16 to 23 June 2016
 - Full Scale Exercise Date – 23 June 2016
 - Development of Activities and Tasks
 - Invites to participate – Local Jurisdictions - agencies – private sector



Exercise Windows

WINDOW 3
22-25 JUN 16
TN CAT 16
22-24 JUN 16

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EXTREME WX	4.1 MAG EARTHQUAKE	EXTREME WX	6.5 MAG EARTHQUAKE	EXTREME WX

9 MAY (RAIN changing to Ice)
11 MAY (Severe Ice Damage)
14 MAY (STRANDED CIV)

SEVERE WEATHER SITUATIONAL INFORMATIONAL BUILD

11 JUN (4.1 MAG EARTHQUAKE)

13 JUN (SEVERE WX WARNING)
15 JUN (HEAVY RAINS)
17 JUN (FLOODING)

11 JUN (COG MOVE)

18 JUN (6.5 MAG EARTHQUAKE)

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Exercise Windows

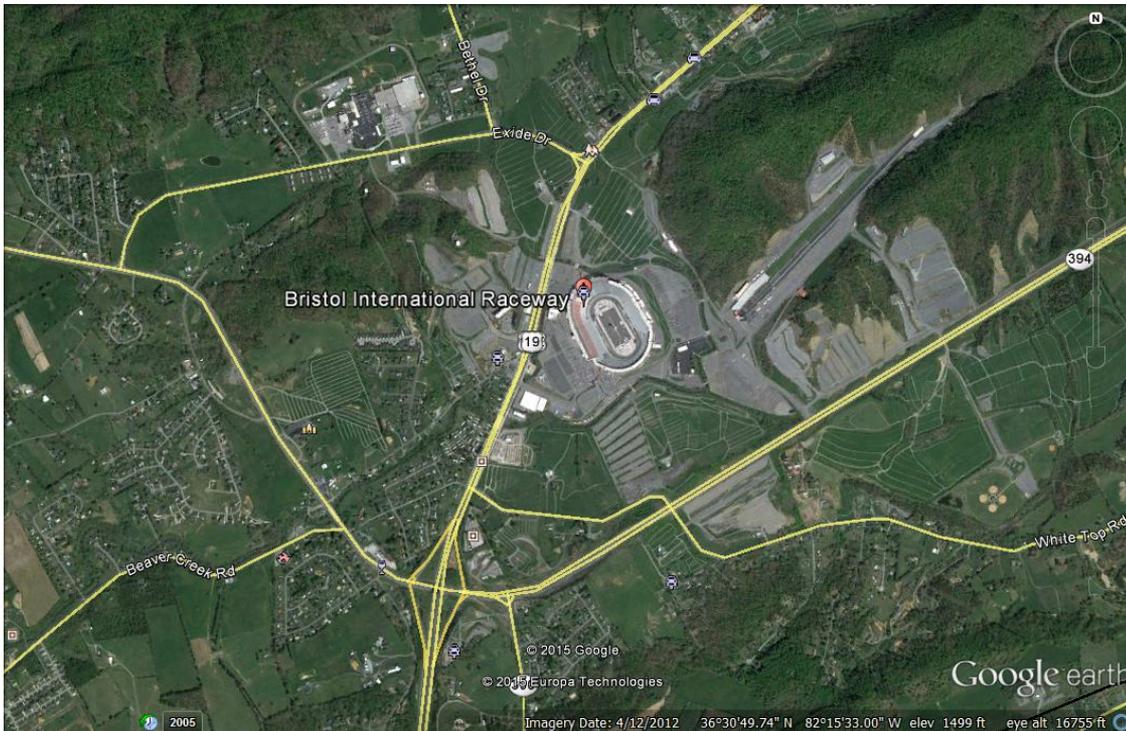
- Tennessee Maneuvers

- Exercise **Window May** – 13-15 May 2016 - Friday to Sunday
 - TEMA will support with Simulation Cell
- Exercise **Window 1** – 11-14 June 2016 - Saturday – Tuesday
 - TEMA will support with Simulation Cell
- Exercise **Window 2** – 18 – 21 June 2016 - Saturday to Tuesday
 - TEMA will support with Simulation Cell
- Exercise **Window 2.5** - 20-23 June 2016-Monday to Thursday
 - TEMA will support with Simulation Cell
- Exercise **Window 3** - 22-25 June 2016 - Wednesday to Saturday
 - TNCAT
 - SEOC activated with state agencies
 - Full exercise play



STATE OF TENNESSEE

Tennessee Catastrophic Exercise 2016 (TNCAT 16)



- Football Game
 - 200,000 in attendance
 - Sept 10th
- Preplanned Event
- Emergency Management Resource Needs
- Communication Challenges
- Situation Awareness
- Decision Making
 - Preplanning
 - During
- Capturing other event Lessons Obtained



Questions

- For both Tennessee Maneuvers and TNCAT
- We look forward to your participation

TNMAN



TNCAT 16



WAY AHEAD (How to get involved)

If your agency is interested in participating in the 2016 Tennessee Maneuvers, a sign-up area is here in the Hall of Flags and the Military Department and TEMA can assist you.

