

SWT 2.3 Deployment Test
(version 1.0)

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This System Training Plan (STRAP) is preliminary.
Front end analysis (mission, task, job) is ongoing. ATSC will amend
and update this STRAP as details solidify.

ATSC is the proponent for this STRAP. Send comments
and recommendations directly to: Jose Otero

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1.0 System Description

AN/TPQ-48(V)1 was developed and fielded to Special Operations Forces to provide an immediate capability to selected units based on a limited procurement of an off-the-shelf capability with minimal development and testing to meet immediate and urgent War-Fighting needs. AN/TPQ-48(V)2 performs target detection, verification, tracking, and classification of enemy and friendly mortar, cannon, and rocket locations. The Army Lightweight Counter Mortar Radar (A-LCMR) AN/TPQ-48(V)3 is an enhanced version of the initial AN/TPQ-48(V)1 system. The system provides continuous 360-degree detection and location of indirect fire-firing weapons at ranges from 500 meters to 10,000 meters. It is small, lightweight and man-transportable by two soldiers. The system consists of a hand-held display unit and laptop for man/machine interface and a radar processor housed inside an antenna column. The system's prime power is an external generator however, it may use High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) batteries or converted commercial Alternating Current (AC) power. Data processing is performed by the radar processor and transmitted to a handheld display device allowing the operator to view processed radar data and digitally transmit to higher headquarters for mission prosecution. When a weapon is detected, the system sends a warning message to the operator indicating a round is being processed. After sufficient data is collected to enable an accurate weapon location, the weapon's location is viewed by the operator and transmitted for appropriate action. The AN/TPQ-48(V)3 will support the training of its operators by providing an Institutional Computer Based Training (ICBT) capability. ICBT will accept Live Tactical Engagement System (TES) data that will stimulate its capability to detect simulated engagements in support of Live, Virtual, and Constructive (LVC) training environments.

Logo

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2.0 Target Audience

| TARGET AUDIENCE | | |
|-----------------------------|------------------|---|
| Category | Job | Area of Concentration (AOC) Military Occupational Specialty (MOS) |
| Operator | | |
| | Infantry Officer | 11A |
| | | |
| | | |
| | | |
| | | |
| Subject Matter Expert (SME) | | |
| | Infantry NCO | 11B |
| | | |
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| Supply | | |
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|---|------------------------|-----|
| | Unit Supply Specialist | 92Y |
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| | | |
| | | |
| Repairer | | |
| | CRT | 94E |
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| | | |
| Trainer | | |
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| Additional Information/Requirements: | | |

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3.0 Assumptions

The fielding effort will impact unit training program only by on-site New Equipment Training Team (NETT) visits.

The AN/TPQ-48(V)3 is anticipated to increase the current operator course length for affected Military Occupational Specialty (MOS) by 2 weeks. This is necessary because many of the basic tasks necessary to operate and employ the AN/TPQ-48(V)3 are not currently taught during institutional radar training. These basic skills include use of aiming circles, Precision Lightweight Global Positioning System Receiver (PLGR) training, and other position and navigation type tasks. This requirement has been validated by documented Lessons Learned from FA units employing the AN/TPQ-48(V)1 in operations in Iraq and Afghanistan.

Picture

Institutional and unit training documents will require revision and upgrading.

The quality of the soldiers will remain the same as currently required for training in MOS 13R, 131A and 13A.

No new MOS will be required to operate or maintain the system.

Institutional Computer Based Trainer (ICBT) capabilities are required to support both institutional and sustainment training. Also necessary is the capability to accept Tactical Engagement System (TES) data in order to integrate with Live Virtual Constructive (LVC) training environments.

All training devices and simulations required will be tested at the same time as the system.

All training devices and simulations required will be fielded to United States Army Field Artillery School (USAFAS) not later than 6 months prior to first unit equipped (FUE).

Contractor provided training materials will be constructed and compliant with Automated Systems Approach to Training (ASAT) or its successor system.

4.0 Training Constraints

| Constraint Type | Probable Impact | Mitigating Efforts |
|---------------------------|---|--------------------|
| <i>Budgetary</i> | | |
| | Equipment availability and density within the institution, personnel shortages. | |
| <i>Equipment</i> | | |
| | Insufficient number of vehicles in the institution to conduct hands-on training in all courses. | |
| <i>Training Equipment</i> | | |
| | Insufficient number of vehicles in the institution to conduct hands-on training in all courses. | |
| <i>Personnel</i> | | |
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| <i>Facilities</i> | | |
| | No digital range complex, no instrumented home station training area. | |
| <i>Human Factors Engineering</i> | | |
| | | |
| <i>System Safety</i> | | |
| | | |
| <i>Doctrine</i> | | |
| | | |
| <i>Environmental</i> | | |
| | | |
| <i>Support Services</i> | | |
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| <i>Command Guidance</i> | | |
| | | |
| <i>Soldier Survivability</i> | | |
| | | |
| <i>Other</i> | | |
| | | |
| <i>Public Law</i> | | |
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5.0 System Training Concept

Provide an executive-level summary of the general concept of how operator, maintainer, and Doctrine Tactics and Training (DTT) will be executed for institutional training, and how new equipment training (NET) and unit sustainment training will be conducted. Note any differences in training to be conducted for the active component and for the reserve component (AC/RC) in delivery or format. The concept provides the underlying philosophy and rationale for the training strategy to support fielding of this new system. The concept reflects the proponent's long-range training strategy and the applicable impact on the CATS.

Describe the system training concept. The system training concept and strategy formulation develops and documents the system specific training concept (The What) for the emerging system. Additionally, it updates and elaborates on the information needed to identify required training support capabilities for the Total Army, both active and reserve components, in the three training domains as identified in AR 350-1; institutional, collective and self-development. The system-training concept is focused on both the Soldier's training needs and Training Support System (TSS) enterprise and system specific requirements. The objective, like that of the initial STRAP, remains the total package fielding of a relevant training support capability as part of comprehensive unit-set fielding (USF).

5.1 New Equipment Training Concept (NET)

5.2 Displaced Equipment Training (DET)

5.3 Doctrine and Tactics Training (DTT)

5.4 Training Test Support Package (TTSP)

6.0 Institutional Training Domain

6.1 Institutional Training Concept and Strategy

6.1.1 Product Lines

6.1.1.1 Training Information Infrastructure

6.1.1.1.1 Hardware, Software, and Communications Systems

6.1.1.1.2 Storage, Retrieval, and Delivery

6.1.1.1.3 Management Capabilities

6.1.1.1.4 Other Enabling Capabilities

6.1.1.2 Training Products

6.1.1.2.1 Courseware

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6.1.1.2.2 Courses

| Course Name | Course Number |
|---------------------------------------|---------------|
| Initial Military Training | |
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| Professional Military Education (PME) | |
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| Functional And ASI | |
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| Mobilization | |
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6.1.1.2.3 Training Publications

| Publications | Publication Date |
|---------------|------------------|
| Field Manuals | |
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| Technical Manuals | |
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| Soldier Training Publications | |
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| Special Texts | |
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6.1.1.2.4 Training Support Package (TSP)

6.1.1.3 TADSS

6.1.1.3.1 Training Aids

6.1.1.3.2 Training Devices

6.1.1.3.3 Simulators

6.1.1.3.4 Simulations

6.1.1.3.5 Instrumentation

6.1.1.4 Training Facilities and Land

6.1.1.4.1 Ranges

6.1.1.4.2 Maneuver Training Areas (MTA)

6.1.1.4.3 Classrooms

6.1.1.4.4 CTCs

6.1.1.4.5 Logistics Support Areas

6.1.1.4.6 Mission Command Training Centers (MCTC)

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6.1.1.5 Training Services

6.1.1.5.1 Management Support Services

6.1.1.5.2 Acquisition Support Services

6.1.1.5.3 General Support Services

6.1.2 Architectures and Standards Component

6.1.2.1 Operational View (OV)

6.1.2.2 Systems View (SV)

6.1.2.3 Technical View (TV)

6.1.3 Management, Evaluation, and Resource (MER) Processes
Component

6.1.3.1 Management

6.1.3.1.1 Strategic Planning

6.1.3.1.2 Concept Development and Experimentation (CD&E)

6.1.3.1.3 Research and Studies

6.1.3.1.4 Policy and Guidance

6.1.3.1.5 Requirements Generation

6.1.3.1.6 Synchronization

6.1.3.1.7 Joint Training Support

6.1.3.2 Evaluation

6.1.3.2.1 Quality Assurance (QA)

6.1.3.2.2 Assessments

6.1.3.2.3 Customer Feedback

6.1.3.2.4 Lessons Learned/After-Action Reviews (AARs)

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6.1.3.3 Resource

| Item | Prior | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 |
|---------------|-------|------------|------------|------------|------------|------------|------------|
| Resourced | | Yrs or \$K |
| Manpower - TD | | | | | | | |
| Contractor | | | | | | | |
| Civilian | | | | | | | |
| Enlisted | | | | | | | |
| Warrant | | | | | | | |
| Officer | | | | | | | |
| Contract/Spt | | | | | | | |
| Civ Pay | | | | | | | |
| Trvl/Per Diem | | | | | | | |
| Other | | | | | | | |
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| Item | Prior | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 |
|--------------|-------|------------|------------|------------|------------|------------|------------|
| Resourced | | Yrs or \$K |
| New | | | | | | | |
| Equipment | | | | | | | |
| Training | | | | | | | |
| Contractor | | | | | | | |
| Contract/Spt | | | | | | | |
| Trvl/Per | | | | | | | |
| Diem | | | | | | | |
| Classrooms | | | | | | | |
| Equipment | | | | | | | |
| AC/DC Power | | | | | | | |
| Printing | | | | | | | |
| Other | | | | | | | |
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Rationale:

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| Item | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY10 |
|-------------------|------------|------------|------------|------------|------------|------------|------------|
| Resourced | Yrs or \$K |
| Training Products | | | | | | | |
| Training Pubs | | | | | | | |
| TSP | | | | | | | |
| IMI | | | | | | | |
| ETM | | | | | | | |
| STP | | | | | | | |
| IETM | | | | | | | |
| ARTEP/MTP | | | | | | | |
| Printing | | | | | | | |
| Distribution | | | | | | | |
| Other | | | | | | | |
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Rationale:

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| Item | Prior | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 |
|-------------|-------|------------|------------|------------|------------|------------|------------|
| Resourced | | Yrs or \$K |
| TADSS | | | | | | | |
| Training | | | | | | | |
| Aids | | | | | | | |
| Devices | | | | | | | |
| Simulators | | | | | | | |
| Simulations | | | | | | | |
| GTA | | | | | | | |
| Software | | | | | | | |
| Trng Equip* | | | | | | | |
| Equipment | | | | | | | |
| Printing | | | | | | | |
| Shipment | | | | | | | |
| Sustainment | | | | | | | |
| Other | | | | | | | |
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| Item | Prior | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 |
|-----------------|-------|------------|------------|------------|------------|------------|------------|
| Resourced | | Yrs or \$K |
| Facilities/Land | | | | | | | |
| Facilities | | | | | | | |
| Land | | | | | | | |
| Site Surveys | | | | | | | |
| Concrete Pad | | | | | | | |
| AC/DC Power | | | | | | | |
| Equipment | | | | | | | |
| Maintenance | | | | | | | |
| Other | | | | | | | |
| | | | | | | | |

Rationale:

| Item | Prior | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 |
|-----------|-------|------------|------------|------------|------------|------------|------------|
| Resourced | | Yrs or \$K |
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|-----------------------|--|--|--|--|--|--|--|
| Training Services/TII | | | | | | | |
| LMS | | | | | | | |
| Services | | | | | | | |
| Servers | | | | | | | |
| Licenses | | | | | | | |
| IT Support | | | | | | | |
| Other | | | | | | | |
| | | | | | | | |

Rationale:

| Item Resourced | Prior | FY10 Yrs or \$K | FY11 Yrs or \$K | FY12 Yrs or \$K | FY13 Yrs or \$K | FY14 Yrs or \$K | FY15 Yrs or \$K |
|----------------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Eval/QA | | | | | | | |
| Contractor | | | | | | | |
| Civilian | | | | | | | |
| Enlisted | | | | | | | |
| Warrant | | | | | | | |
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| Officer | | | | | | | |
| Contract/Spt | | | | | | | |
| Civ Pay | | | | | | | |
| Trvl/Per Diem | | | | | | | |
| Facilities | | | | | | | |
| Equipment | | | | | | | |
| Printing | | | | | | | |
| TEA | | | | | | | |
| PFTEA | | | | | | | |
| Other | | | | | | | |
| | | | | | | | |

Rationale:

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7.0 Operational Training Domain

7.1 Operational Training Concept and Strategy

7.1.1 Product Lines

7.1.1.1 Training Information Infrastructure

7.1.1.1.1 Hardware, Software, and Communications Systems

7.1.1.1.2 Storage, Retrieval, and Delivery

7.1.1.1.3 Management Capabilities

7.1.1.1.4 Other Enabling Capabilities

7.1.1.2 Training Products

7.1.1.2.1 Courseware

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7.1.1.2.2 Courses

| Course Name | Course Number |
|---------------------------------------|---------------|
| Initial Military Training | |
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| Professional Military Education (PME) | |
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| Functional And ASI | |
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| Mobilization | |
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7.1.1.2.3 Training Publications

| Publications | Publication Date |
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| Field Manuals | |
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7.1.1.2.4 TSP

7.1.1.3 TADSS

7.1.1.3.1 Training Aids

7.1.1.3.2 Training Devices

7.1.1.3.3 Simulators

7.1.1.3.4 Simulations

7.1.1.3.5 Instrumentation

7.1.1.4 Training Facilities and Land

7.1.1.4.1 Ranges

7.1.1.4.2 Maneuver Training Areas (MTA)

7.1.1.4.3 Classrooms

7.1.1.4.4 CTCs

7.1.1.4.5 Logistics Support Areas

7.1.1.4.6 Mission Command Training Centers (MCTC)

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7.1.1.5 Training Services

7.1.1.5.1 Management Support Services

7.1.1.5.2 Acquisition Support Services

7.1.1.5.3 General Support Services

7.1.2 Architectures and Standards Component

7.1.2.1 Operational View (OV)

7.1.2.2 Systems View (SV)

7.1.2.3 Technical View (TV)

7.1.3 Management, Evaluation, and Resource (MER) Processes
Component

7.1.3.1 Management

7.1.3.1.1 Strategic Planning

7.1.3.1.2 Concept Development and Experimentation (CD&E)

7.1.3.1.3 Research and Studies

7.1.3.1.4 Policy and Guidance

7.1.3.1.5 Requirements Generation

7.1.3.1.6 Synchronization

7.1.3.1.7 Joint Training Support

7.1.3.2 Evaluation

7.1.3.2.1 Quality Assurance (QA)

7.1.3.2.2 Assessments

7.1.3.2.3 Customer Feedback

7.1.3.2.4 Lessons Learned/After-Action Reviews (AARs)

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7.1.3.3 Resource Processes

| Item | Prior | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 |
|---------------|-------|------------|------------|------------|------------|------------|------------|
| Resourced | | Yrs or \$K |
| Manpower - TD | | | | | | | |
| Contractor | | | | | | | |
| Civilian | | | | | | | |
| Enlisted | | | | | | | |
| Warrant | | | | | | | |
| Officer | | | | | | | |
| Contract/Spt | | | | | | | |
| Civ Pay | | | | | | | |
| Trvl/Per Diem | | | | | | | |
| Other | | | | | | | |
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Rationale:

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| Item | Prior | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 |
|--------------|-------|------------|------------|------------|------------|------------|------------|
| Resourced | | Yrs or \$K |
| New | | | | | | | |
| Equipment | | | | | | | |
| Training | | | | | | | |
| Contractor | | | | | | | |
| Contract/Spt | | | | | | | |
| Trvl/Per | | | | | | | |
| Diem | | | | | | | |
| Classrooms | | | | | | | |
| Equipment | | | | | | | |
| AC/DC Power | | | | | | | |
| Printing | | | | | | | |
| Other | | | | | | | |
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Rationale:

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| Item | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY10 |
|-------------------|------------|------------|------------|------------|------------|------------|------------|
| Resourced | Yrs or \$K |
| Training Products | | | | | | | |
| Training Pubs | | | | | | | |
| TSP | | | | | | | |
| IMI | | | | | | | |
| ETM | | | | | | | |
| STP | | | | | | | |
| IETM | | | | | | | |
| ARTEP/MTP | | | | | | | |
| Printing | | | | | | | |
| Distribution | | | | | | | |
| Other | | | | | | | |
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Rationale:

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| Item | Prior | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 |
|-------------|-------|------------|------------|------------|------------|------------|------------|
| Resourced | | Yrs or \$K |
| TADSS | | | | | | | |
| Training | | | | | | | |
| Aids | | | | | | | |
| Devices | | | | | | | |
| Simulators | | | | | | | |
| Simulations | | | | | | | |
| GTA | | | | | | | |
| Software | | | | | | | |
| Trng Equip* | | | | | | | |
| Equipment | | | | | | | |
| Printing | | | | | | | |
| Shipment | | | | | | | |
| Sustainment | | | | | | | |
| Other | | | | | | | |
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Rationale:

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| Item Resourced | Prior | FY10 Yrs or \$K | FY11 Yrs or \$K | FY12 Yrs or \$K | FY13 Yrs or \$K | FY14 Yrs or \$K | FY15 Yrs or \$K |
|-----------------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Facilities/Land | | | | | | | |
| Facilities | | | | | | | |
| Land | | | | | | | |
| Site Surveys | | | | | | | |
| Concrete Pad | | | | | | | |
| AC/DC Power | | | | | | | |
| Equipment | | | | | | | |
| Maintenance | | | | | | | |
| Other | | | | | | | |
| | | | | | | | |

Rationale:

| Item Resourced | Prior | FY10 Yrs or \$K | FY11 Yrs or \$K | FY12 Yrs or \$K | FY13 Yrs or \$K | FY14 Yrs or \$K | FY15 Yrs or \$K |
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| Training Services/TII | | | | | | | |
| LMS | | | | | | | |
| Services | | | | | | | |
| Servers | | | | | | | |
| Licenses | | | | | | | |
| IT Support | | | | | | | |
| Other | | | | | | | |
| | | | | | | | |

Rationale:

| Item Resourced | Prior | FY10 Yrs or \$K | FY11 Yrs or \$K | FY12 Yrs or \$K | FY13 Yrs or \$K | FY14 Yrs or \$K | FY15 Yrs or \$K |
|----------------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Eval/QA | | | | | | | |
| Contractor | | | | | | | |
| Civilian | | | | | | | |
| Enlisted | | | | | | | |
| Warrant | | | | | | | |
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| Officer | | | | | | | |
| Contract/Spt | | | | | | | |
| Civ Pay | | | | | | | |
| Trvl/Per Diem | | | | | | | |
| Facilities | | | | | | | |
| Equipment | | | | | | | |
| Printing | | | | | | | |
| TEA | | | | | | | |
| PFTEA | | | | | | | |
| Other | | | | | | | |
| | | | | | | | |

Rationale:

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8.0 Self-Development Training Domain

8.1 Self-Development Training Concept and Strategy

8.1.1 Product Lines

8.1.1.1 Training Information Infrastructure

8.1.1.1.1 Hardware, Software, and Communications Systems

8.1.1.1.2 Storage, Retrieval, and Delivery

8.1.1.1.3 Management Capabilities

8.1.1.1.4 Other Enabling Capabilities

8.1.1.2 Training Products

8.1.1.2.1 Courseware

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8.1.1.2.2 Courses

| Course Name | Course Number |
|---------------------------------------|---------------|
| Initial Military Training | |
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| | |
| Professional Military Education (PME) | |
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| Functional And ASI | |
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| Mobilization | |
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8.1.1.2.3 Training Publications

| Publications | Publication Date |
|---------------|------------------|
| Field Manuals | |
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For Official Use Only

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| Technical Manuals | |
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| Soldier Training Publications | |
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| Special Texts | |
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8.1.1.2.4 Training Support Package (TSP)

8.1.1.3 Training Aids, Devices, Simulators and Simulations
(TADSS)

8.1.1.3.1 Training Aids

8.1.1.3.2 Training Devices

8.1.1.3.3 Simulators

8.1.1.3.4 Simulations

8.1.1.3.5 Instrumentation

8.1.1.4 Training Facilities and Land

8.1.1.4.1 Ranges

8.1.1.4.2 Maneuver Training Areas (MTA)

8.1.1.4.3 Classrooms

8.1.1.4.4 CTCs

8.1.1.4.5 Logistics Support Areas

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8.1.1.4.6 Mission Command Training Centers (MCTC)

8.1.1.5 Training Services

8.1.1.5.1 Management Support Services

8.1.1.5.2 Acquisition Support Services

8.1.1.5.3 General Support Services

8.1.2 Architectures and Standards Component

8.1.2.1 Operational View (OV)

8.1.2.2 Systems View (SV)

8.1.2.3 Technical View (TV)

8.1.3 Management, Evaluation, and Resource (MER) Processes
Component

8.1.3.1 Management

8.1.3.1.1 Strategic Planning

8.1.3.1.2 Concept Development and Experimentation (CD&E)

8.1.3.1.3 Research and Studies

8.1.3.1.4 Policy and Guidance

8.1.3.1.5 Requirements Generation

8.1.3.1.6 Synchronization

8.1.3.1.7 Joint Training Support

8.1.3.2 Evaluation

8.1.3.2.1 Quality Assurance (QA)

8.1.3.2.2 Assessments

8.1.3.2.3 Customer Feedback

8.1.3.2.4 Lessons Learned/After-Action Reviews (AARs)

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8.1.3.3 Resource Processes

| Item | Prior | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 |
|------------------|-------|------------|------------|------------|------------|------------|------------|
| Resourced | | Yrs or \$K |
| Manpower - TD | | | | | | | |
| Contractor | | | | | | | |
| Civilian | | | | | | | |
| Enlisted | | | | | | | |
| Warrant | | | | | | | |
| Officer | | | | | | | |
| Contract/Spt | | | | | | | |
| Civ Pay | | | | | | | |
| Trvl/Per Diem | | | | | | | |
| Other | | | | | | | |
| | | | | | | | |

Rationale:

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| Item | Prior | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 |
|--------------|-------|------------|------------|------------|------------|------------|------------|
| Resourced | | Yrs or \$K |
| New | | | | | | | |
| Equipment | | | | | | | |
| Training | | | | | | | |
| Contractor | | | | | | | |
| Contract/Spt | | | | | | | |
| Trvl/Per | | | | | | | |
| Diem | | | | | | | |
| Classrooms | | | | | | | |
| Equipment | | | | | | | |
| AC/DC Power | | | | | | | |
| Printing | | | | | | | |
| Other | | | | | | | |
| | | | | | | | |

Rationale:

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| Item | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 | FY10 |
|-------------------|------------|------------|------------|------------|------------|------------|------------|
| Resourced | Yrs or \$K |
| Training Products | | | | | | | |
| Training Pubs | | | | | | | |
| TSP | | | | | | | |
| IMI | | | | | | | |
| ETM | | | | | | | |
| STP | | | | | | | |
| IETM | | | | | | | |
| ARTEP/MTP | | | | | | | |
| Printing | | | | | | | |
| Distribution | | | | | | | |
| Other | | | | | | | |
| | | | | | | | |

Rationale:

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| Item | Prior | FY10 | FY11 | FY12 | FY13 | FY14 | FY15 |
|-------------|-------|------------|------------|------------|------------|------------|------------|
| Resourced | | Yrs or \$K |
| TADSS | | | | | | | |
| Training | | | | | | | |
| Aids | | | | | | | |
| Devices | | | | | | | |
| Simulators | | | | | | | |
| Simulations | | | | | | | |
| GTA | | | | | | | |
| Software | | | | | | | |
| Trng Equip* | | | | | | | |
| Equipment | | | | | | | |
| Printing | | | | | | | |
| Shipment | | | | | | | |
| Sustainment | | | | | | | |
| Other | | | | | | | |
| | | | | | | | |

Rationale:

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| Item Resourced | Prior | FY10 Yrs or \$K | FY11 Yrs or \$K | FY12 Yrs or \$K | FY13 Yrs or \$K | FY14 Yrs or \$K | FY15 Yrs or \$K |
|-----------------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Facilities/Land | | | | | | | |
| Facilities | | | | | | | |
| Land | | | | | | | |
| Site Surveys | | | | | | | |
| Concrete Pad | | | | | | | |
| AC/DC Power | | | | | | | |
| Equipment | | | | | | | |
| Maintenance | | | | | | | |
| Other | | | | | | | |
| | | | | | | | |

Rationale:

| Item Resourced | Prior | FY10 Yrs or \$K | FY11 Yrs or \$K | FY12 Yrs or \$K | FY13 Yrs or \$K | FY14 Yrs or \$K | FY15 Yrs or \$K |
|----------------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
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|-----------------------|--|--|--|--|--|--|--|
| Training Services/TII | | | | | | | |
| LMS | | | | | | | |
| Services | | | | | | | |
| Servers | | | | | | | |
| Licenses | | | | | | | |
| IT Support | | | | | | | |
| Other | | | | | | | |
| | | | | | | | |

Rationale:

| Item Resourced | Prior | FY10 Yrs or \$K | FY11 Yrs or \$K | FY12 Yrs or \$K | FY13 Yrs or \$K | FY14 Yrs or \$K | FY15 Yrs or \$K |
|----------------|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Eval/QA | | | | | | | |
| Contractor | | | | | | | |
| Civilian | | | | | | | |
| Enlisted | | | | | | | |
| Warrant | | | | | | | |
| | | | | | | | |

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| Officer | | | | | | | |
| Contract/Spt | | | | | | | |
| Civ Pay | | | | | | | |
| Trvl/Per Diem | | | | | | | |
| Facilities | | | | | | | |
| Equipment | | | | | | | |
| Printing | | | | | | | |
| TEA | | | | | | | |
| PFTEA | | | | | | | |
| Other | | | | | | | |
| | | | | | | | |

Rationale:

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A Milestone Annex

| | | | | |
|--|------|------------------------|----|-----------------------------|
| TRAINING DEVELOPMENT MILESTONE SCHEDULE - SHEET A | | PAGE | OF | REQUIREMENTS CONTROL SYMBOL |
| | | PAGES | | |
| SYSTEM | ACAT | OFFICE SYMBOL | | AS OF DATE |
| POINTS OF CONTACT | | NAME | | TELEPHONE |
| MATERIEL COMMAND | | | | |
| TRADOC PROPONENT | | | | |
| TCM | | | | |
| CD: | | | | |
| TD: | | | | |
| ATSC: | | | | |
| SUPPORTING PROPONENTS: | | | | |
| | | | | |
| | | | | |
| ITEM | DATE | RESPONSIBLE AGENCY/POC | | TELEPHONE |
| MNS: | | | | |
| SMMP: | | | | |
| MRD: | | | | |

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|-----------|--|--|--|--|
| ILSMP: | | | | |
| TTSP: | | | | |
| QQPRI: | | | | |
| BOIP: | | | | |
| NETP: | | | | |
| | | | | |
| | | | | |
| COMMENTS: | | | | |

| | | | | |
|--|---------------|----|-------|-----------------------------|
| TRAINING DEVELOPMENT MILESTONE SCHEDULE - SHEET B | PAGE | OF | PAGES | REQUIREMENTS CONTROL SYMBOL |
| SYSTEM | TRADOC SYMBOL | | | AS OF DATE |
| TRAINING PACKAGE | | | | |
| ELEMENT/PRODUCT | | | | |
| | | | | |

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NOTE: Identify **TRAINING DEVELOPMENT MILESTONES**. TRADOC FORM 569-1-R-E provides a detailed list of typical training development products required to support system training integration.

COMMENTS:

NOTE: The following table is optional; however, it is useful for populating SHEET B above and provides greater detail for each milestone. If not used, delete from this section before submitting for staffing.

| | Individual Training Plan (Per each ITP) | |
|--|--|------|
| | Milestone: | Date |
| | 1. Initial Individual Training Plan (ITP) submitted. | |
| | 2. Annotated task list submitted. | |

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| | | |
|--|--|------|
| | 3. Course Administrative Data (CAD) submitted. | |
| | 4. Training Program Worksheet (TPW) submitted. | |
| | 5. ITP submitted. | |
| | 6. POI submitted. | |
| | 7. Digitized copy archived. | |
| | 8. Resident course start date (NLT 12 months after FUE). | |
| | | |
| | Army Correspondence Course Program | |
| | (Only as a DL portion of a TATS course) | |
| | Milestone: | Date |
| | | |

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| | 1. Requirement identified and submitted for approval. | |
| | 2. Requirement approved by HQ TRADOC. | |
| | 3. Development initiated. | |
| | 4. Advance breakdown sheet submitted. | |
| | 5. Digitized camera-ready copy (CRC) submitted. | |
| | 6. Subcourse material ready for replication/distribution. | |
| | | |
| | Field Manuals (FMs) | |
| | Milestone: | Date |
| | | |

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|--|---|--|
| | 1. Requirements identified. | |
| | 2. Draft FM changes validated. | |
| | 3. FM outlines approved. | |
| | 4. FM coordinating draft completed. | |
| | 5. Print/digitization request initiated. | |
| | 6. Approved digitized CRC submitted. | |
| | 7. Replication/distribution completed. | |
| | | |
| | Army Training Literature Note: Includes the Soldiers' Manual | |

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| | (SM), Trainers' Guide (TG), and Army Training and Evaluation Program (ARTEP) products. | |
| | Milestone: | Date |
| | 1. Analysis completed. | |
| | 2. Draft SM, ARTEP MTP, and TG. | |
| | 3. ATSC staffing. | |
| | 4. Digitized/CRC submitted. | |
| | 5. Replication/distribution completed. | |
| | | |
| | Interactive Multimedia Instruction (IMI)/Distance Learning | |
| | | |

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| | Milestone: | Date |
|--|---|------|
| | 1. Requirements identified and submitted for approval. | |
| | 2. Requirements approved by ATSC and TRADOC. | |
| | 3. Resources identified. | |
| | 4. Courseware developed and validated. | |
| | 5. Master materials to ATSC for replication and distribution. | |
| | 6. Replication/distribution completed. | |
| | Training Effectiveness Analysis (TEA) | |
| | | |

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| | (Conducted in-house, by contract, Training Development and Analysis Activity [TDAA], TRADOC Analysis Center [TRAC], or Program Manager [PM]) | |
| | Milestone: | Date |
| | 1. TEA during capabilities development. | |
| | 2. TEA updated for Milestone Decision Review A. | |
| | 3. TEA updated for Milestone Decision Review B. | |
| | 4. TEA updated for Milestone Decision Review C. | |
| | 5. Post-Fielding TEA (PFTEA) planned. | |
| | | |

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| | | |
| | Army Visual Information Production and Distribution Program (DAVIPDP) | |
| | Milestone: | Date |
| | 1. High risk tasks and jobs identified. | |
| | 2. Storyboards validated. | |
| | 3. DAVIPDP requirements submitted to ATSC. | |
| | 4. Requirements approved by DA. | |
| | 5. Production initiated. | |
| | 6. Replication/distribution completed. | |
| | | |

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| | | |
| | Training Aids, Devices, Simulators, and Simulations | |
| | (TADSS) | |
| | Milestone: | Date |
| | 1. High risk, hard-to-train tasks identified. | |
| | 2. Need for TADSS identified. | |
| | 3. TADSS concept validated. | |
| | 4. TADSS incorporated into the STRAP (part of the CATS). | |
| | 5. Analytical justification using the TEA provided. | |
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| | 6. TSS CDD/ CPD developed, if required. | |
| | 7. TADSS effectiveness validated. | |
| | 8. TADSS incorporated into the ICD, CDD, CPD, STRAP | |
| | 9. MOS-specific milestones/requirements for TADSS developed and incorporated in the integrated training strategy (ITS). | |
| | | |
| | Training Facilities and Land | |
| | Milestone: | Date |
| | 1. Range and facility requirements identified. | |
| | | |

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| | 2. Identification of construction requirements completed. | |
| | 3. Construction requirements submitted to MACOM. | |
| | 4. Requirements validated and updated. | |
| | 5. Supporting requirements identified and availability coordinated. | |
| | 6. Installation and other construction requirements submitted to MACOM. | |
| | 7. Refined construction requirements and range criteria forwarded to MACOM, IMA, Chief of | |

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| | Engineers | |
| | 8. Construction initiated. | |
| | | |
| | Training Ammunition | |
| | Milestone: | |
| | 1. Ammunition identified. | |
| | 2. Initial ammunition requirements validated. | |
| | 3. Requirements included in the ORD. | |
| | 4. Ammunition item developed. | |
| | 5. Validation and test | |

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| | completed. | |
| | 6. Ammunition requirements identified in the ITP. | |
| | 7. Requirements provided to installation/MACOM manager. | |
| | 8. Requirements included in DA Pam 350-38. | |
| | 9. Production entered. | |
| | | |
| | Training Equipment | |
| | Milestone | |
| | 1. | |
| | 2. | |
| | Training Services | |
| | | |

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| | Milestone | |
| | 1. Contractor Logistic Support | |
| | 2. Contractor NET Support | |
| | 3. Contractor DET Support | |

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B References

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C Coordination Annex

| Organization/ POC (Date) | Summary of Comments Submitted (A/S/C) | | | Comments Accepted/ Rejected | | | | | | Ration ale for Non- Accept ance - S, C |
|--------------------------------|--|---|---|-----------------------------------|---|---|----------|---|---|--|
| | | | | Accepted | | | Rejected | | | |
| | A | S | C | A | S | C | A | S | C | |

| Key |
|--------------------------------|
| Completed Review with Comments |
| Completed Review, No Comments |
| Active Review Occurring |

Memo