SOLDIER'S MANUAL
SKILL LEVELS 1/2/3/4/5
AND
TRAINER'S GUIDE
MOS 91E
DENTAL SPECIALIST

TABLE OF CONTENTS

PAGE

Table of Contents..............................................................................................................................i

Preface............................................................................................................................................... vi

Chapter 1. Introduction............................................................................................................. 1-1
   1-1. General.................................................................................................................... 1-1
   1-2. Battle Focused Training....................................................................................... 1-1
   1-3. Relationship of Soldier Training Publications (STPs) to Battle Focused Training ............................................................ 1-1
   1-4. Task Summaries..................................................................................................... 1-2
   1-5. Soldier's Responsibilities....................................................................................... 1-3
   1-6. NCO Self-Development and the Soldier's Manual .............................................. 1-3
   1-7. Trainer's Responsibilities........................................................................................ 1-3
   1-8. Training Tips for the Trainer .................................................................................. 1-5
   1-9. Training Support..................................................................................................... 1-7

Chapter 2. Trainer's Guide........................................................................................................2-1
   2-1. General.................................................................................................................... 2-1
   2-2. Part One, Section I. Subject Area Codes............................................................ 2-3
   2-3. Part One, Section II. Duty Position Training Requirements............................... 2-3
   2-4. Part Two. Critical Tasks List.................................................................................. 2-4

*DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

*This publication supersedes STP 8-91E15-SM-TG, 23 December 1993.
Chapter 3. MOS/Skill Level Tasks

Skill Level 1
Subject Area 1: General Medical
081-831-0007 PERFORM A PATIENT CARE HANDWASH ........................................... 3-1
081-831-0008 PUT ON STERILE GLOVES ................................................................. 3-3
081-831-0010 MEASURE A PATIENT'S RESPIRATIONS ........................................ 3-6
081-831-0011 MEASURE A PATIENT'S PULSE ..................................................... 3-8
081-831-0012 MEASURE A PATIENT'S BLOOD PRESSURE .................................. 3-11
081-831-0013 MEASURE A PATIENT'S TEMPERATURE ......................................... 3-14
081-831-0018 OPEN THE AIRWAY ........................................................................... 3-17
081-831-0019 CLEAR AN UPPER AIRWAY OBSTRUCTION .................................... 3-19
081-831-0048 PERFORM RESCUE BREATHING ..................................................... 3-22
081-831-0046 ADMINISTER EXTERNAL CHEST COMPRESSIONS ..................... 3-26
081-833-3027 MANAGE CARDIAC ARREST USING AED .................................... 3-30
081-831-0035 MANAGE A CONVULSIVE AND/OR SEIZING PATIENT .................. 3-33

Subject Area 2: Basic Dental Procedures
081-840-0096 PROTECT THE PATIENT AND OPERATOR THROUGH THE USE OF BARRIER TECHNIQUES ................................................................. 3-36
081-840-0097 PERFORM FOUR-HANDED DENTISTRY TECHNIQUES .................. 3-38
081-840-0100 RETRACT SOFT TISSUE DURING DENTAL PROCEDURES ........ 3-40
081-840-0101 PROVIDE SUCTION DURING DENTAL PROCEDURES ..................... 3-41
081-840-0106 DRY OPERATIVE SITE WITH AIR SYRINGE ...................................... 3-42
081-840-0107 PROVIDE IRRIGATION DURING DENTAL PROCEDURES ................. 3-43

Subject Area 3: Radiology
081-840-0001 EXPOSE A DENTAL RADIOGRAPH USING THE BISECTING ANGLE TECHNIQUE ................................................................. 3-44
081-840-0002 EXPOSE A DENTAL RADIOGRAPH USING THE PARALLELING TECHNIQUE ................................................................. 3-46
081-840-0008 EXPOSE A DIAGNOSTIC RADIOGRAPH USING A DENTAL PANORAMIC UNIT ................................................................. 3-49
081-840-0004 PREPARE THE FILM PROCESSING TANK ........................................... 3-51
081-840-0003 PROCESS EXPOSED RADIOGRAPHS MANUALLY ....................... 3-52
081-840-0126 EVALUATE RADIOGRAPHS FOR DIAGNOSTIC VALUE ............... 3-54
081-840-0005 MOUNT A FULL MOUTH SERIES OF RADIOGRAPHS ..................... 3-55

Subject Area 4: Dental Materials
081-840-0010 PREPARE ALGINATE IMPRESSION MATERIAL .................................... 3-57
081-840-0012 PREPARE INTERMEDIATE RESTORATIVE MATERIAL (IRM) ............ 3-59
081-840-0015 PREPARE A COMPOSITE RESIN ...................................................... 3-60
081-840-0099 PREPARE AMALGAM RESTORATIVE MATERIAL ............................ 3-62
081-840-0103 PREPARE VARNISHES, BASES, AND LINERS .................................. 3-63
081-840-0105 PREPARE DENTAL CEMENTS ......................................................... 3-64
081-840-0120 PREPARE ELATOMERIC IMPRESSION MATERIAL ............................ 3-66
081-840-0137 PREPARE ALGINATE IMPRESSION FOR POURING ......................... 3-67
Subject Area 5: General Duties

081-840-0019 PREPARE A DENTAL LOCAL ANESTHETIC SETUP ......................... 3-69
081-840-0074 PREPARE A BASIC DENTAL EXAMINATION SETUP ..................... 3-71
081-840-0122 PREPARE THE DENTAL OPERATORY PRIOR TO TREATMENT ...... 3-72
081-840-0115 PREPARE THE PATIENT FOR DENTAL TREATMENT .................. 3-73
081-840-0116 PREPARE MATRIX BANDS ......................................................... 3-74
081-840-0117 PERFORM ROUTINE MAINTENANCE FOR HIGH AND LOW SPEED HANDPIECES ................................................................. 3-75
081-840-0123 APPLY A RUBBER DAM .............................................................. 3-77
081-840-0078 DISPOSE OF INFECTIOUS DENTAL WASTE ............................ 3-79

Subject Area 6: Specific Duties

081-840-0023 PREPARE A RESTORATIVE PROCEDURE SETUP .................... 3-81
081-840-0025 PREPARE A DENTAL SURGICAL PROCEDURE SETUP ............. 3-83
081-840-0026 PREPARE AN ENDODONTIC PROCEDURE SETUP ................... 3-85
081-840-0081 PREPARE A PROSTHODONTIC PROCEDURE SETUP ............... 3-87
081-840-0108 PREPARE AN EXTRACTION SETUP ............................................. 3-90
081-840-0131 SHARPEN DENTAL HAND INSTRUMENTS ................................. 3-91
081-840-0142 APPLY TOPICAL ANESTHETIC AGENTS .................................. 3-93
081-840-0104 PROVIDE DENTAL PROPHYLAXIS WITH PROPHY CUP AND MINIMAL HAND SCALING TO REMOVE SUPRAGINGIVAL DEPOSITS FOR PATIENTS ................................................................. 3-94
081-840-0133 MAKE PRELIMINARY IMPRESSIONS ........................................... 3-96

Subject Area 7: Oral Health

081-840-0143 APPLY TOPICAL FLUORIDE PREPARATIONS ............................. 3-98

Subject Area 8: Sterilization

081-840-0098 PERFORM SURFACE DISINFECTION ........................................ 3-100
081-840-0072 STERILIZE DENTAL ITEMS ..................................................... 3-101
081-840-0032 PROCESS STERILIZED DENTAL ITEMS ................................. 3-103
081-840-0102 STORE DENTAL INSTRUMENTS TO MAINTAIN STERILE CONDITIONS ................................................................................................. 3-105

Subject Area 9: Dental Records

081-840-0034 COMPLETE SF 603 (HEALTH RECORD--DENTAL) OR SF 603A (HEALTH RECORD--DENTAL CONTINUATION) ....................................... 3-107
081-840-0082 INITIATE A DA FORM 3444-SERIES (TERMINAL DIGIT FILE FOR TREATMENT RECORD) FOR A DENTAL PATIENT ......................... 3-109
081-840-0129 CHART CONDITIONS IN THE PATIENT'S ORAL CAVITY IN THE DENTAL RECORD .............................................................................. 3-112

Subject Area 10: Dental Field Equipment

081-840-0042 SET UP THE DENTAL FIELD OPERATING AND TREATMENT UNIT .............................................................................................................. 3-114
081-840-0109 ASSEMBLE THE DENTAL FIELD X-RAY UNIT .......................... 3-116
081-840-0110 OPERATE THE DENTAL FIELD X-RAY UNIT ............................ 3-118
081-840-0112 DISASSEMBLE THE DENTAL FIELD X-RAY MACHINE ............ 3-119
081-840-0111 PACK THE DENTAL FIELD X-RAY MACHINE .......................... 3-121
<table>
<thead>
<tr>
<th>Skill Level 2</th>
<th>Skill Level 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Subject Area 12: Admin (SL2)</strong></td>
<td><strong>Subject Area 13: Admin (SL3)</strong></td>
</tr>
<tr>
<td>081-840-0121 DEVELOP LOADING PLANS FOR DENTAL FIELD EQUIPMENT</td>
<td>081-840-0130 ASSIST IN THE DEVELOPMENT OF OPERATIONAL PLANS FOR THE DEPLOYMENT OF DENTAL FIELD UNITS</td>
</tr>
<tr>
<td>081-840-0139 SUPERVISE REQUISITIONING, STORAGE, AND ISSUANCE OF DENTAL SUPPLIES</td>
<td>081-840-0138 ADVISE THE COMMANDER ON DENTAL FIELD SITE SELECTION</td>
</tr>
<tr>
<td>081-840-0141 MANAGE PREVENTIVE MAINTENANCE PROGRAM FOR DENTAL EQUIPMENT</td>
<td>081-840-0162 DEVELOP TRAINING PROGRAMS FOR NEWLY ASSIGNED DENTAL PERSONNEL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Chapter 4. Duty Position Tasks</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Subject Area 11: Preventive Dentistry (ASI X2)</strong></td>
</tr>
<tr>
<td>081-840-0169 PREPARE PATIENT AND EQUIPMENT FOR PREVENTIVE DENTISTRY TREATMENT</td>
</tr>
<tr>
<td>081-840-0055 PERFORM EXTRAORAL AND INTRAORAL INSPECTION</td>
</tr>
<tr>
<td>081-840-0175 APPLY DESENSITIZING AGENTS</td>
</tr>
<tr>
<td>081-840-0057 REMOVE CALCULUS AND STAIN DEPOSITS UTILIZING DENTAL HAND SCALING INSTRUMENTS</td>
</tr>
</tbody>
</table>
081-840-0058  REMOVE CALCULUS AND STAIN DEPOSITS UTILIZING ULTRASONIC EQUIPMENT ................................................................. 4-9
081-840-0063  POLISH A PATIENT’S TEETH UTILIZING A PROPHYLAXIS ANGLE HANDPIECE ............................................................... 4-11
081-840-0056  APPLY FLUORIDE GEL USING THE TRAY METHOD ........................................................................................................... 4-13
081-840-0060  INSERT A TEMPORARY RESTORATION (IRM) ......................................................................................................................... 4-15
081-840-0059  POLISH AN AMALGAM RESTORATION ................................................................................................................................. 4-16
081-840-0168  SHARPEN DENTAL HAND INSTRUMENTS FOR PREVENTIVE DENTISTRY PROCEDURES .................................................... 4-18
081-840-0176  OBTAIN AN ACCURATE ALGINATE IMPRESSION OF THE MAXILLARY AND MANDIBULAR ARCHES ........................................... 4-20
081-840-0180  PROVIDE TREATMENT USING DENTAL EQUIPMENT SET, DENTAL HYGIENIST, FIELD .......................................................................................... 4-22

Appendix A – Field Expedient Squad Book ................................................................................................................................. A-1

Glossary ................................................................................................................................................................................................. Glossary-1

References ..................................................................................................................................................................................................................... References-1
PREFACE

This publication is for skill level 1, 2, 3, 4, and 5 soldiers holding military occupational specialty (MOS) 91E and for trainers and first-line supervisors. It contains standardized training objectives, in the form of task summaries, to train and evaluate soldiers on critical tasks that support unit missions during wartime. Trainers and first-line supervisors should ensure soldiers holding MOS/SL 91E1/2/3/4/5 have access to this publication. This STP is available for download from the Reimer Digital Library (RDL).

This manual applies to both Active and Reserve Component soldiers.

The proponent of this publication is HQ, TRADOC. Send comments and recommendations on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to Academy of Health Sciences, ATTN: MCCS-HTI, 1750 Greeley Rd, STE 135, Fort Sam Houston, TX 78234-5078.
CHAPTER 1

Introduction

1-1. General

This manual identifies the individual MOS training requirements for soldiers in MOS 91E. Commanders, trainers, and soldiers should use it to plan, conduct, and evaluate individual training in units. This manual is the primary MOS reference to support the self-development and training of every soldier.

Use this manual with Soldier's Manuals of Common Tasks (STP 21-1-SMCT and STP 21-24-SMCT), Army Training and Evaluation Programs (ARTEPs), and FM 25-101, Battle Focused Training, to establish effective training plans and programs that integrate soldier, leader, and collective tasks.

1-2. Battle Focused Training

As described in FM 7-0, Training the Force, and FM 25-101, Battle Focused Training, the commander must first define the mission essential task list (METL) as the basis for unit training. Unit leaders use the METL to identify the collective, leader, and soldier tasks which support accomplishment of the METL. Unit leaders then assess the status of training and lay out the training objectives and the plan for accomplishing needed training. After preparing the long- and short-range plans, leaders then execute and evaluate training. Finally, the unit's training preparedness is reassessed, and the training management cycle begins again. This process ensures that the unit has identified what is important for the wartime mission, that the training focus is applied to the necessary training, and that training meets established objectives and standards.

Additionally, the AMEDD is developing training products that will enhance medical preparedness in the case of a Chemical, Biological, Radiological, Nuclear, and High-Yield Explosive (CBRNE) event. To assist commanders and leaders in training their units, CBRNE-related information is being included in AMEDD Mission Training Plans (MTPs). Even though most collective tasks within an MTP may directly affect or support a CBRNE event, the ones that will most directly be impacted are clearly indicated with a statement in the CONDITION that reads: "THIS TASK MAY BE USED TO SUPPORT A CBRNE EVENT." These collective tasks and any supporting individual tasks in this soldier's manual should be considered for training emphasis. Also included in the MTP is a CBRNE Appendix. The purpose of the appendix is to give a general overview of the Federal Response Plan, the AMEDD support role, and the command structure for those agencies and elements involved or participating in a CBRNE event. It is understood that military resources temporarily support and augment, but do not replace local, state, and federal civilian agencies having primary authority and responsibility for domestic disaster assistance.

1-3. Relationship of Soldier Training Publications (STPs) to Battle Focused Training

The two key components of enlisted STPs are the Trainer's Guide (TG) and Soldier's Manual (SM). The TG and SM give leaders important information to help in the battle focused training process. The TG relates soldier and leader tasks in the MOS and SL to duty positions and
equipment. It provides information on where the task is trained, how often training should occur to sustain proficiency, and who in the unit should be trained. As leaders go through the assessment and planning stages, they should use the TG as an important tool in identifying what needs to be trained.

The execution and evaluation of soldier and leader training should rely on the Armywide training objectives and standards in the SM task summaries. The task summaries ensure that soldiers in any unit or location have the same definition of task performance and that trainers evaluate the soldiers to the same standard.

1-4. Task Summaries

Task summaries contain information necessary to conduct training and evaluate soldier proficiency on tasks critical to the MOS. A separate task summary is provided for each critical task. These task summaries are, in effect, standardized training objectives which ensure that soldiers do not have to relearn a task on reassignment to a new unit. The format for the task summaries included in this manual is as follows:

- **Task Title.** The task title identifies the action to be performed.
- **Task Number.** A 10-digit number identifies each task or skill. Include this task number, along with task title, in any correspondence relating to the task.
- **Conditions.** The task conditions identify all the equipment, tools, references, job aids, and supporting personnel that the soldier needs to perform the task in wartime. This section identifies any environmental conditions that can alter task performance, such as visibility, temperature, and wind. This section also identifies any specific cues or events that trigger task performance.
- **Standards.** The task standards describe how well and to what level you must perform a task under wartime conditions. Standards are typically described in terms of accuracy, completeness, and/or speed.
- **Performance Steps.** This section includes a detailed outline of information on how to perform the task.
- **Evaluation Preparation (when used).** This subsection indicates necessary modifications to task performance in order to train and evaluate a task that cannot be trained to the wartime standard under wartime conditions. It may also include special training and evaluation preparation instructions to accommodate these modifications and any instruction that should be given to the soldier before evaluation.
- **Performance Measures.** This evaluation guide identifies the specific actions that the soldier must do to successfully complete the task. These actions are listed in a GO/NO-GO format for easy evaluation. Each evaluation guide contains a feedback statement that indicates the requirements for receiving a GO on the evaluation.
- **References.** This section identifies references that provide more detailed and thorough explanations of task performance requirements than that given in the task summary description.

Additionally, some task summaries include safety statements and notes. Safety statements (danger, warning, and caution) alert users to the possibility of immediate death, personal injury, or damage to equipment. Notes provide a small, extra supportive explanation or hint relative to the performance measures.
1-5. Soldier’s Responsibilities

Each soldier is responsible for performing individual tasks which the first-line supervisor identifies based on the unit’s METL. The soldier must perform the tasks to the standards listed in the SM. If a soldier has a question about how to do a task or which tasks in this manual he or she must perform, it is the soldier’s responsibility to ask the first-line supervisor for clarification. The first-line supervisor knows how to perform each task or can direct the soldier to the appropriate training materials.

1-6. NCO Self-Development and the Soldier’s Manual

Self-development is one of the key components of the leader development program. It is a planned progressive and sequential program followed by leaders to enhance and sustain their military competencies. It consists of individual study, research, professional reading, practice, and self-assessment. Under the self-development concept, the NCO, as an Army professional, has the responsibility to remain current in all phases of the MOS. The SM is the primary source for the NCO to use in maintaining MOS proficiency.

Another important resource for NCO self-development is the Army Correspondence Course Program (ACCP). Refer to DA Pamphlet 350-59 for information on enrolling in this program and for a list of courses, or write to: AMEDDC&S, ATTN: MCCS-HSN, 2105 11TH STREET SUITE 4191, FORT SAM HOUSTON TX 78234-5064.

Unit learning centers are valuable resources for planning self-development programs. They can help access enlisted career maps, training support products, and extension training materials. A life cycle management diagram for MOS 91E soldiers is on page 1-4. You can find more information and check for updates to this diagram at http://das.cs.amedd.army.mil/ooc.htm (scroll down to LIFE CYCLE MANAGEMENT, select ENLISTED, and find the appropriate tab along the bottom.) This information, combined with the MOS Training Plan in Chapter 2, forms the career development model for the MOS.

1-7. Trainer’s Responsibilities

Training soldier and leader tasks to standard and relating this training to collective mission-essential tasks is the NCO trainer's responsibility. Trainers use the steps below to plan and evaluate training.

• Identify soldier and leader training requirements. The NCO determines which tasks soldiers need to train on using the commander's training strategy. The unit's METL and ARTEP and the MOS Training Plan (MTP) in the TG are sources for helping the trainer define the individual training needed.

• Plan the training. Training for specific tasks can usually be integrated or conducted concurrently with other training or during "slack periods." The unit's ARTEP can assist in identifying soldier and leader tasks which can be trained and evaluated concurrently with collective task training and evaluation.

• Gather the training references and materials. The SM task summary lists all references which can assist the trainer in preparing for the training of that task.
### MOS 91E

#### DENTAL SPECIALIST

**CAREER/TRAINING LIFE CYCLE**

<table>
<thead>
<tr>
<th>Rank</th>
<th>AMEDD Course NR</th>
<th>Training</th>
<th>Length</th>
<th>Location</th>
<th>Attendance Requirement</th>
<th>Self-Development</th>
<th>Self-Development</th>
<th>Length</th>
<th>Location</th>
<th>Attendance Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1-E5</td>
<td>Basic Combat Training Course</td>
<td>9 wks</td>
<td>FL, LW</td>
<td>FL, Jacksonville</td>
<td>IET</td>
<td>MOS071</td>
<td>Self-Development</td>
<td>Course NR</td>
<td>Self-Development</td>
<td>Length</td>
</tr>
<tr>
<td></td>
<td>Dental Spec course 91E10</td>
<td>7 wks, 3 days</td>
<td>AHS, FSH, TX</td>
<td>IET/MOS</td>
<td>MOS061</td>
<td>Dental Anatomy &amp; Physiology</td>
<td>Correspondence</td>
<td>Sustainment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PLOC</td>
<td>4 wks</td>
<td>Multiple sites</td>
<td>Leadership</td>
<td>MOS062</td>
<td>Dental Materials</td>
<td>Correspondence</td>
<td>Sustainment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dental Hygenist Course(pilot)</td>
<td>21 months</td>
<td>Various Colleges</td>
<td>MOS065</td>
<td>Dental Care of Special Needs</td>
<td>Correspondence</td>
<td>Sustainment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>RINOC 91E30</td>
<td>9 wks, 1 day</td>
<td>FSH, TX</td>
<td>Leadership</td>
<td>MOS065</td>
<td>Dental Oral &amp; Maxillofacial Pathology</td>
<td>Correspondence</td>
<td>Sustainment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dental Management Development Course</td>
<td>1 wk, 4 days</td>
<td>AHS, FSH, TX</td>
<td>Leadership</td>
<td>Just in Time</td>
<td>MOS066</td>
<td>Dental Specialist Sustainment Course</td>
<td>Correspondence</td>
<td>Sustainment</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Certified Dental Assistant (CDA) Exam</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cardiac Pulmonary Resuscitation (CPR)</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Field Management of Chemical &amp; Biological Casualties (FMCBC)</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Emergency Medical Training (EMT)</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Battle Staff</td>
<td>8 wks, 2 days</td>
<td>USAASMA</td>
<td>Just in Time</td>
<td>ASA 25</td>
<td>SK-61320-F12</td>
<td>CBMRE TRAINER EVALUATOR</td>
<td>2 Days</td>
<td>Fort Sam Houston, TX</td>
<td>Just in Time</td>
</tr>
<tr>
<td></td>
<td>Recruit</td>
<td>8 wks</td>
<td>USAASC</td>
<td>Just in Time</td>
<td>MOS067</td>
<td>Education and Training for the 21st Century</td>
<td>4 Weeks</td>
<td>Fort Sam Houston, TX</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Career progression to 91Z at the SGM level and career progression to MOS 092 at grade CSM. ASI M9, Dental Hygiene, in grades SGT and SSG only effective 01 Oct 01.

**ASPT:** Dental Hygiene, in grades SGT and SSG only effective 01 Oct 01.

**Change to:**

- Career progression to 91Z at the SGM level and career progression to MOS 092 at grade CSM.
- ASI M9, Dental Hygiene, in grades SGT and SSG only effective 01 Oct 01.

• Determine risk assessment and identify safety concerns. Analyze the risk involved in training a specific task under the current conditions at the time of scheduled training. Ensure that your training preparation takes into account those cautions, warnings, and dangers associated with each task.

• Train each soldier. Show the soldier how the task is done to standard, and explain step-by-step how to do the task. Give each soldier one chance to do the task step-by-step.

• Emphasize training in mission-oriented protective posture (MOPP) level 4 clothing. Soldiers have difficulty performing even the very simple tasks in an NBC environment. The combat effectiveness of the soldier and the unit can degrade quickly when trying to perform in MOPP 4. Practice is the best way to improve performance. The trainer is responsible for training and evaluating soldiers in MOPP 4 so that they are able to perform critical wartime tasks to standards under NBC environment conditions.

• Check each soldier. Evaluate how well each soldier performs the tasks in this manual. Conduct these evaluations during individual training sessions or while evaluating soldier proficiency during the conduct of unit collective tasks. This manual provides an evaluation guide for each task to enhance the trainer’s ability to conduct year-round, hands-on evaluations of tasks critical to the unit’s mission. Use the information in the MTP as a guide to determine how often to train the soldier on each task to ensure that soldiers sustain proficiency.

• Record the results. The leader book referred to in FM 25-101, appendix B, is used to record task performance and gives the leader total flexibility on the method of recording training. The trainer may use DA Forms 5164-R (Hands-On Evaluation) and 5165-R (Field Expedient Squad Book) as part of the leader book. The forms are optional and locally reproducible. STP 21-24-SMCT contains a copy of the forms and instructions for their use.

• Retrain and evaluate. Work with each soldier until he or she can perform the task to specific SM standards.

1-8. Training Tips for the Trainer

Prepare yourself.

• Get training guidance from your chain of command on when to train, which soldiers to train, availability of resources, and a training site.

• Get the training objective (task, conditions, and standards) from the task summary in this manual.

• Ensure you can do the task. Review the task summary and the references in the reference section. Practice doing the task or, if necessary, have someone train you on the task.

• Choose a training method.

• Prepare a training outline consisting of informal notes on what you want to cover during your training session.

• Practice your training presentation.
Prepare the resources.

- Obtain the required resources identified in the conditions statement for each task.
- Gather equipment and ensure it is operational.
- Coordinate for use of training aids and devices.
- Prepare the training site according to the conditions statement and evaluation preparation section of the task summary, as appropriate.

Prepare the soldiers.

- Tell the soldier what task to do and how well it must be done. Refer to the standards statement and evaluation preparation section for each task as appropriate.
- Caution soldiers about safety, environment, and security.
- Provide any necessary training on basic skills that soldiers must have before they can be trained on the task.
- Pretest each soldier to determine who needs training in what areas by having the soldier perform the task. Use DA Form 5164-R and the evaluation guide in each task summary to make this determination.

**NOTE:** Deficiencies noted in soldiers’ ability to perform critical tasks taught in schools or by extension training materials should be reported to the proponent school.

Train the soldiers who failed the pretest.

- Demonstrate how to do the task or the specific performance steps to those soldiers who could not perform to SM standards. Have soldiers study the appropriate materials.
- Have soldiers practice the task until they can perform it to SM standards.
- Evaluate each soldier using the evaluation guide.
- Provide feedback to those soldiers who fail to perform to SM standards and have them continue to practice until they can perform to SM standards.

Record results in the leader book.
1-9. Training Support

This manual includes the following information which provides additional training support information.

- Appendix A, DA Form 5165-R (Field Expedient Squad Book). This appendix provides an overprinted copy of DA Form 5165-R for the tasks in this MOS. The NCO trainer can use this form to set up the leader book described in FM 25-101, appendix B. The use of this form may help preclude writing the soldier tasks associated with the unit's mission essential task list, and can become a part of the leader book.

- Glossary. The glossary, which follows the last appendix, is a single comprehensive list of acronyms, abbreviations, definitions, and letter symbols.

- References. This section contains two lists of references, required and related, which support training of all tasks in this SM. Required references are listed in the conditions statement and are required for the soldier to do the task. Related references are materials which provide more detailed information and a more thorough explanation of task performance.
CHAPTER 2
Trainer’s Guide

2-1. General. The MOS Training Plan (MTP) identifies the essential components of a unit training plan for individual training. Units have different training needs and requirements based on differences in environment, location, equipment, dispersion, and similar factors. Therefore, the MTP should be used as a guide for conducting unit training and not a rigid standard. The MTP consists of two parts. Each part is designed to assist the commander in preparing a unit training plan which satisfies integration, cross training, training up, and sustainment training requirements for soldiers in this MOS.

Part One of the MTP shows the relationship of an MOS skill level between duty position and critical tasks. These critical tasks are grouped by task commonality into subject areas.

Section I lists subject area numbers and titles used throughout the MTP. These subject areas are used to define the training requirements for each duty position within an MOS.

Section II identifies the total training requirement for each duty position within an MOS and provides a recommendation for cross training and train-up/merger training.

- **Duty Position column.** This column lists the duty positions of the MOS, by skill level, which have different training requirements.

- **Subject Area column.** This column lists, by numerical key (see Section I), the subject areas a soldier must be proficient in to perform in that duty position.

- **Cross Train column.** This column lists the recommended duty position for which soldiers should be cross trained.

- **Train-up/Merger column.** This column lists the corresponding duty position for the next higher skill level or MOS the soldier will merge into on promotion.

Part Two lists, by general subject areas, the critical tasks to be trained in an MOS and the type of training required (resident, integration, or sustainment).

- **Subject Area column.** This column lists the subject area number and title in the same order as Section I, Part One of the MTP.

- **Task Number column.** This column lists the task numbers for all tasks included in the subject area.

- **Title column.** This column lists the task title for each task in the subject area.

- **Training Location column.** This column identifies the training location where the task is first trained to soldier training publications standards. If the task is first trained to standard in the unit, the word “Unit” will be in this column. If the task is first trained to standard in the training base, it will identify, by brevity code (ANCOC, BNCOC, etc.), the resident course where the task was taught. Figure 2-1 contains a list of training locations and their corresponding brevity codes.
• **Sustainment Training Frequency column.** This column indicates the recommended frequency at which the tasks should be trained to ensure soldiers maintain task proficiency. Figure 2-2 identifies the frequency codes used in this column.

```
<table>
<thead>
<tr>
<th>Code</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA</td>
<td>Biannually</td>
</tr>
<tr>
<td>AN</td>
<td>Annually</td>
</tr>
<tr>
<td>SA</td>
<td>Semiannually</td>
</tr>
<tr>
<td>QT</td>
<td>Quarterly</td>
</tr>
<tr>
<td>MO</td>
<td>Monthly</td>
</tr>
<tr>
<td>BW</td>
<td>Bi-weekly</td>
</tr>
<tr>
<td>WK</td>
<td>Weekly</td>
</tr>
</tbody>
</table>
```

Figure 2-2. Sustainment Training Frequency Codes

• **Sustainment Training Skill Level column.** This column lists the skill levels of the MOS for which soldiers must receive sustainment training to ensure they maintain proficiency to soldier’s manual standards.
2-2. Part One, Section I. Subject Area Codes.

**Skill Level 1**

1. General Medical
2. Basic Dental Procedures
3. Radiology
4. Dental Materials
5. General Duties
6. Specific Duties
7. Oral Health
8. Sterilization
9. Dental Records
10. Dental Field Equipment
11. Preventive Dentistry (ASI X2)

**Skill Level 2**

12. Admin (SL2)

**Skill Level 3**

13. Admin (SL3)

2-3. Part One, Section II. Duty Position Training Requirements.

<table>
<thead>
<tr>
<th>DUTY POSITION</th>
<th>SUBJECT AREAS</th>
<th>CROSS TRAIN</th>
<th>TRAIN-UP/ MERGER</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL 1 Dental Specialist</td>
<td>1-10, 11</td>
<td>NA</td>
<td>91E2 Dental Sergeant</td>
</tr>
<tr>
<td>SL 1 Preventive Dentistry Specialist</td>
<td>1-10</td>
<td>NA</td>
<td>91E2 Dental Sergeant</td>
</tr>
<tr>
<td>SL 2 Dental Sergeant</td>
<td>1-10, 12</td>
<td>NA</td>
<td>91E3 Senior Dental Sergeant</td>
</tr>
<tr>
<td>SL 2 Preventive Dentistry Sergeant</td>
<td>1-12</td>
<td>NA</td>
<td>91E3 Senior Dental Sergeant</td>
</tr>
<tr>
<td>SL 3 Senior Dental Sergeant</td>
<td>1-10, 12-13</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>SL 4 Dental NCO</td>
<td>1-10, 12-13</td>
<td>NA</td>
<td>91E5 Senior Dental NCO</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>91E5M First SGT</td>
</tr>
</tbody>
</table>
# 2-4. Part Two. Critical Tasks List.

## MOS TRAINING PLAN

**91E15**

### CRITICAL TASKS

| Subject Area       | Task Number | Title                                                          | Training Location | Sust Tng Freq | Sust Tng SL |
|--------------------|-------------|================================================================|-------------------|---------------|-------------|
| **1. General Medical** |             |                                                                |                   |               |             |
|                    | 081-831-0007 | PERFORM A PATIENT CARE HANDWASH                                | AIT               | AN            | 1-5         |
|                    | 081-831-0008 | PUT ON STERILE GLOVES                                          | AIT               | AN            | 1-5         |
|                    | 081-831-0010 | MEASURE A PATIENT'S RESPIRATIONS                               | AIT               | AN            | 1-5         |
|                    | 081-831-0011 | MEASURE A PATIENT'S PULSE                                      | AIT               | AN            | 1-5         |
|                    | 081-831-0012 | MEASURE A PATIENT'S BLOOD PRESSURE                             | AIT               | AN            | 1-5         |
|                    | 081-831-0013 | MEASURE A PATIENT'S TEMPERATURE                                | AIT               | AN            | 1-5         |
|                    | 081-831-0018 | OPEN THE AIRWAY                                                | AIT               | AN            | 1-5         |
|                    | 081-831-0019 | CLEAR AN UPPER AIRWAY OBSTRUCTION                             | AIT               | AN            | 1-5         |
|                    | 081-831-0048 | PERFORM RESCUE BREATHING                                       | AIT               | AN            | 1-5         |
|                    | 081-831-0046 | ADMINISTER EXTERNAL CHEST COMPRESSIONS                        | AIT               | AN            | 1-5         |
|                    | 081-833-3027 | MANAGE CARDIAC ARREST USING AED                                | AIT               | AN            | 1-5         |
|                    | 081-831-0035 | MANAGE A CONVULSIVE AND/OR SEIZING PATIENT                     | AIT               | AN            | 1-5         |
| **2. Basic Dental Procedures** |             |                                                                |                   |               |             |
|                    | 081-840-0096 | PROTECT THE PATIENT AND OPERATOR THROUGH THE USE OF BARRIER TECHNIQUES | AIT               | AN            | 1-5         |
|                    | 081-840-0097 | PERFORM FOUR-HANDED DENTISTRY TECHNIQUES                       | AIT               | AN            | 1-5         |
|                    | 081-840-0100 | RETRACT SOFT TISSUE DURING DENTAL PROCEDURES                  | AIT               | AN            | 1-5         |
|                    | 081-840-0101 | PROVIDE SUCTION DURING DENTAL PROCEDURES                      | AIT               | AN            | 1-5         |
|                    | 081-840-0106 | DRY OPERATIVE SITE WITH AIR SYRINGE                            | AIT               | AN            | 1-5         |
|                    | 081-840-0107 | PROVIDE IRRIGATION DURING DENTAL PROCEDURES                   | AIT               | AN            | 1-5         |
| **3. Radiology**   | 081-840-0001 | EXPOSE A DENTAL RADIOGRAPH USING THE BISECTING ANGLE TECHNIQUE | AIT               | AN            | 1-5         |