

**Navy Advancement Center**  
Web site: <http://www.advancement.cnet.navy.mil>

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# **Advancement Handbook for Mineman**

**This Advancement Handbook was last revised in: April 1999.**

## **PREFACE**

The purpose of the Advancement Handbook is to help you focus your preparation for Navywide advancement-in-rating examinations. The bibliographies (BIBs) together with this handbook form a comprehensive examination study package. Since this handbook provides skill and knowledge components for each paygrade of the Mineman (MN) rating, it helps you concentrate your study on those areas that may be tested. This feature will help you get the most out of your study time.

Each page in Parts 1 through 4 of this Advancement Handbook presents general skill areas, specific skill areas, the knowledge factors associated with each skill area, the pertinent references that address each skill, and the subject areas that may be covered on the examination. The skill statements describe the skills you are expected to perform for each paygrade. The skill statements are cumulative; that is, you are responsible for the skills for the paygrade you are competing for, your present paygrade, and all paygrades below.

Although this handbook is very comprehensive, it cannot cover all the tasks performed in the rating. As a result, the advancement examinations may contain questions more detailed than described in the “*Exam Expectations*” section of the skill areas.

Remember that advancement competition is keen, so your keys to advancement include not only comprehensive advancement examination study but also sustained superior performance.

Prepared by

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## Part 1

# Advancement Handbook for MN3

## Advancement Handbook for MN3

|   |   |
|---|---|
| <p>General MN <i>Skill Area</i></p>   | <p><b>Mine Assembly and Disassembly</b></p>   |
| <p>A <i>skill</i> you are expected to perform from the General Skill Area above:</p>                                  | <p><b>Remove and install arming devices</b></p>   |
| <p><i>Knowledge</i> you should have to perform this skill:</p>  | <ul style="list-style-type: none"> <li>• How to install and remove arming devices, as described in the appropriate technical manual</li> </ul>  |
| <p><i>References</i> you should study to gain the knowledge you need to perform this skill:</p>                       | <ul style="list-style-type: none"> <li>• <i>Destructors, Mk 36 and Mk 40 and Mines, Mk 62 and 63, Description, Assembly, and Test</i>, NAVSEA SW551-A2-MMI-010</li> <li>• <i>Mine, Underwater, Mark 65 Mods 0 and 1, Description and Procedures Intermediate Maintenance Activity</i>, NASEA SW551-A3-MMI-010</li> <li>• <i>Mines, Underwater: Actuation; Description, Assembly, and Tests</i>, NAVSEA SW550-AE-MMI-040</li> <li>• <i>Mines, Underwater: Laying, Description, Assembly, and Disassembly</i>, NAVSEA SW550-AE-MMI-050</li> <li>• <i>Mines, Underwater: Handling, Shop, Mechanical Sweep, and Hunting, Description and Assembly</i>, NAVSEA SW550-AE-MMI-060</li> </ul> |
| <p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p> | <p>You can expect questions on the different types of service and ET arming devices; how various arming devices arm and operate; and the procedures for installing, removing and safely handling arming devices.</p>  |

## Advancement Handbook for MN3

|   |   |
|---|---|
| <p>General MN <i>Skill Area</i></p>   | <p><b>Mine Assembly and Disassembly</b></p>   |
| <p>A <i>skill</i> you are expected to perform from the General Skill Area above:</p>                                  | <p><b>Remove and install safe and arming group</b></p>  |
| <p><i>Knowledge</i> you should have to perform this skill:</p>  | <ul style="list-style-type: none"> <li>• How to install and remove the safe and arming group, as described in the appropriate technical manual</li> </ul>   |
| <p><i>References</i> you should study to gain the knowledge you need to perform this skill:</p>                       | <ul style="list-style-type: none"> <li>• <i>Mine, Underwater, Mark 65 Mods 0 and 1, Description and Procedures Intermediate Maintenance Activity</i>, NAVSEA SW551-A3-MMI-010</li> <li>• <i>Mines, Underwater: Laying, Description, Assembly, and Disassembly</i>, NAVSEA SW550-AE-MMI-050</li> <li>• <i>Mines, Underwater: Handling, Shop, Mechanical Sweep, and Hunting, Description and Assembly</i>, NAVSEA SW550-AE-MMI-060</li> </ul> |
| <p><i>Exam Expectations.</i> These are subject areas you should know to help you answer exam questions correctly:</p> | <p>You can expect questions on installing, removing, and safely handling the safe and arming group.</p>   |