

Navy Advancement Center

Web site: <https://www.advancement.cnet.navy.mil/>

Advancement Handbook for Aviation Ordnanceman

The January 1999 handbook was reviewed during August 2002. This review resulted in no changes to the technical content.

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 Aviation Ordnance (AO) 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
Naval Advancement Center,
Naval Education and Training
Professional Development and Technology Center

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Part 1

Advancement Handbook for AO3

Advancement Handbook for AO3

General AO Skill Area	Weapons Systems Maintenance
<p><i>A skill</i> you are expected to perform from the General Skill Area above:</p>	<p>Maintain aircraft weapons systems</p>
<p><i>Knowledge</i> you should have to perform this skill:</p>	<ul style="list-style-type: none"> • Aircraft weapons systems • Installing and removing pylons on aircraft • Troubleshooting and testing emergency jettison systems • Troubleshooting and testing release systems • Troubleshooting and testing arming systems • Manufacturing electrical connectors • Replacing knobs, lights, and fuses in cockpit weapons consoles • Cleaning electrical and electronic equipment • Applying preservatives to electrical and electronic components • Performing emergency jettison checks • Performing release checks • Performing stray voltage checks
<p><i>References</i> you should study to gain the knowledge you need to perform this skill:</p>	<ul style="list-style-type: none"> • Aviation Ordnanceman 3, 2, & 1, Chapters 10 and 15 (NAVEDTRA 14313) • Airborne Weapons/Stores Loading Manual F/A-18A/B/C/D, Chapters 3 and 4 (A1-F18AE-LWS-000) • Airborne Weapons/Stores Loading Manual SH-60B, Chapters 4 and 5 (A1-H60BB-LWS-000) • NATOPS Conventional Weapons Handling Procedures Manual Ashore, Chapter 2 (NAVAIR-00-80T-103) • CV NATOPS Manual, Chapter 6 (NAVAIR 00-80T-105)