

# CHAPTER 1



## AVIATION BOATSWAIN'S MATE (EQUIPMENT) (ABE)

NAVPERS 18068-1D  
CH-63

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NAVY ENLISTED OCCUPATIONAL STANDARD  
FOR  
AVIATION BOATSWAIN'S MATE (LAUNCHING AND RECOVERY EQUIPMENT) (ABE)



SCOPE OF RATING

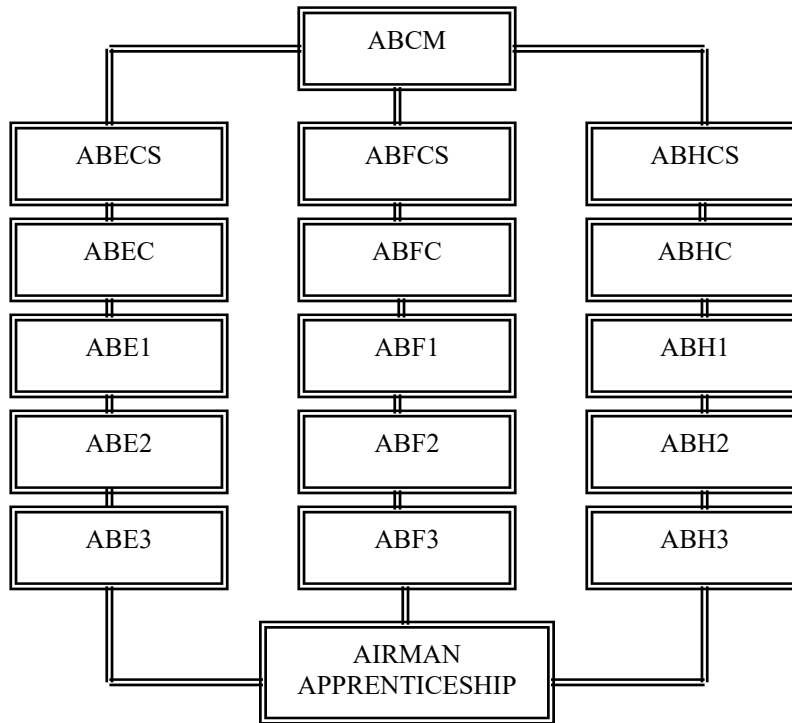
Aviation Boatswain's Mates (AB) operate, maintain, and perform organizational maintenance on catapults, arresting gear, barricades, and associated flight deck launching and recovery equipment; operate and service aircraft ground-handling equipment and machinery; operate and service aircraft crash, firefighting, and rescue equipment; handle aircraft afloat and ashore; operate, maintain, and repair aviation fueling, defueling, lubricating oil, and inert gas systems; perform crash rescue, firefighting, crash removal, and damage control duties.

Aviation Boatswain's Mates (Launching and Recovery Equipment) (ABE) operate, maintain, and perform maintenance on steam catapults, barricades, arresting gear, and associated equipment ashore and afloat; operate catapult hydraulic systems, retraction engines, water brakes, jet blast deflectors, Integrated Catapult Control Stations (ICCS), and jet blast deflector control panels; arresting gear engines, sheave dampers, deckedge control stations, and associated equipment; perform aircraft handling duties related to the operation of aircraft launching and recovery equipment.

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This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068F) in Chapter 1.

**GENERAL INFORMATION  
CAREER PATTERN**



Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For rating entry requirements, refer to MILPERSMAN 1306-618.

**SAFETY**

**The observance of Operational Risk Management (ORM) and proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.**

**Job Title****Arresting Gear Technician****Job Code****002506****Job Family**

Military Specific

**NOC**

TBD

**Short Title (30 Characters)**

ARRESTING GEAR TECHNICIAN

**Short Title (14 Characters)**

ARST GEAR TECH

**Pay Plan**

Enlisted

**Career Field**

ABE

**Other Relationships and Rules**

NECs 7005, 7006

**Job Description**

Arresting Gear Technicians operate and maintain arresting gear and barricade equipment systems; work with pressurized hydraulic and pneumatic equipment utilizing both basic and precision tools; perform preventative and corrective maintenance on equipment; maintain the material condition of all assigned spaces; perform record keeping; and have a strong working knowledge of technical libraries and the planned maintenance system.

**DoD Relationship***Group Title*

Aircraft Launch Equipment

*DoD Code*

160400

**O\*NET Relationship***Occupation Title*

Aircraft Launch and Recovery Specialists

*SOC Code*

55-3012.00

*Job Family*

Military Specific

**Skills***Management of Material Resources**Critical Thinking**Complex Problem Solving**Equipment Maintenance**Management of Personnel Resources**Judgment and Decision Making**Monitoring**Repairing**Systems Analysis**Systems Evaluation***Abilities***Written Comprehension**Oral Expression**Problem Sensitivity**Written Expression**Dynamic Strength**Speed of Closure**Control Precision**Inductive Reasoning**Information Ordering**Category Flexibility***ADMINISTRATIVE/SUPPLY AND SUPPORT****Paygrade****Task Type****Task Statements**

E7

CORE

Manage V2 divisional personnel, spaces, and administration

E5

CORE

Monitor arresting gear administrative procedures

E4

CORE

Perform arresting gear administrative operations

E4

CORE

Perform maintenance supply procedures

E4

CORE

Perform maintenance support procedures

E6

CORE

Supervise arresting gear administrative operations

E6

CORE

Supervise maintenance support operations

**AIRCRAFT LAUNCH AND RECOVERY EQUIPMENT MAINTENANCE PROGRAM (ALREMP)****Paygrade****Task Type****Task Statements**

E5

CORE

Maintain Aircraft Launch and Recovery Equipment Maintenance Program (ALREMP)

E6

CORE

Manage Aircraft Launch and Recovery Equipment Maintenance Program (ALREMP)

E7

CORE

Manage divisional maintenance support branch

E7

CORE

Manage divisional Quality Assurance (QA) branch

E6

CORE

Monitor Quality Assurance (QA) programs

## **RECOVERY SYSTEMS MAINTENANCE**

<b><u>Paygrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>
E4	CORE	Maintain arresting gear barricade components
E4	CORE	Maintain arresting gear below deck components
E4	CORE	Maintain arresting gear flight deck components
E4	CORE	Perform arresting gear barricade components preventive maintenance
E4	CORE	Perform arresting gear barricade equipment corrective maintenance
E4	CORE	Perform arresting gear below deck equipment corrective maintenance
E4	CORE	Perform arresting gear below deck preventive maintenance
E4	CORE	Perform arresting gear flight deck equipment corrective maintenance
E4	CORE	Perform arresting gear flight deck equipment preventive maintenance
E5	CORE	Supervise arresting gear below deck inspections
E5	CORE	Supervise arresting gear flight deck inspections
E6	CORE	Supervise arresting gear maintenance actions
E6	CORE	Supervise barricade corrective maintenance procedures

## **RECOVERY SYSTEMS OPERATIONS**

<b><u>Paygrade</u></b>	<b><u>Task Type</u></b>	<b><u>Task Statements</u></b>
E5	CORE	Conduct arresting gear emergency flight deck procedures
E4	CORE	Conduct arresting gear flight deck pre and post operational inspections
E4	CORE	Conduct arresting gear functional tests
E4	CORE	Conduct arresting gear operations
E6	CORE	Conduct arresting gear portion of Air Department Training Team (ADTT) briefs
E4	CORE	Conduct barricade arresting gear pre and post operational inspections
E5	CORE	Conduct below deck arresting gear emergency operations
E4	CORE	Inspect arresting gear barricade equipment
E4	CORE	Inspect below deck arresting gear equipment
E4	CORE	Inspect flight deck arresting gear equipment
E7	CORE	Manage V2 divisional maintenance and operations
E6	CORE	Monitor arresting gear operations
E6	CORE	Monitor launch and recovery operations
E4	CORE	Operate arresting gear barricade stations
E4	CORE	Operate arresting gear below deck stations
E4	CORE	Operate arresting gear flight deck stations
E7	CORE	Supervise arresting gear crews
E6	CORE	Supervise arresting gear emergency procedures
E6	CORE	Supervise barricade rigging procedures
E5	CORE	Troubleshoot arresting gear barricade equipment
E5	CORE	Troubleshoot arresting gear below deck equipment
E5	CORE	Troubleshoot arresting gear flight deck equipment

**Job Title**

**Catapult Technician**

**Job Code**

**002584**

**Job Family**

Military Specific

**NOC**

TBD

**Short Title (30 Characters)**

CATAPULT TECHNICIAN

**Short Title (14 Characters)**

CATAPULT TECH

**Pay Plan**

Enlisted

**Career Field**

ABE

**Other Relationships and Rules**

NEC's 7004, 7006

**Job Description**

Catapult Technicians operate and maintain catapult equipment and systems; work with pressurized hydraulic, pneumatic, and steam systems utilizing both basic and precision tools; perform preventative and corrective maintenance on equipment; maintain the material condition of all assigned spaces; perform record keeping; and have a strong working knowledge of technical libraries and the planned maintenance system.

**DoD Relationship**

<u>Group Title</u>	<u>DoD Code</u>
Aircraft Launch Equipment	160400

**O\*NET Relationship**

<u>Occupation Title</u>	<u>SOC Code</u>	<u>Job Family</u>
Aircraft Launch and Recovery Specialists	55-3012.00	Military Specific

**Skills**

Management of Material Resources  
 Management of Personnel Resources  
 Equipment Maintenance  
 Repairing  
 Monitoring  
 Complex Problem Solving  
 Critical Thinking  
 Operation and Control  
 Operation Monitoring  
 Systems Analysis

**Abilities**

Written Comprehension  
 Oral Expression  
 Speed of Closure  
 Deductive Reasoning  
 Information Ordering  
 Problem Sensitivity  
 Category Flexibility  
 Control Precision  
 Dynamic Strength  
 Written Expression

**ADMINISTRATIVE/SUPPLY AND SUPPORT**

**Paygrade**

**Task Type**

**Task Statements**

E7	CORE	Manage V2 divisional personnel, spaces, and administration
E4	CORE	Perform catapult administrative procedures
E4	CORE	Perform maintenance supply procedures
E4	CORE	Perform maintenance support procedures
E6	CORE	Supervise catapult work center administrative operations
E6	CORE	Supervise maintenance support operations

**AIRCRAFT LAUNCH AND RECOVERY EQUIPMENT MAINTENANCE PROGRAM (ALREMP)**

**Paygrade**

**Task Type**

**Task Statements**

E5	CORE	Maintain Aircraft Launch and Recovery Equipment Maintenance Program (ALREMP)
E6	CORE	Manage Aircraft Launch and Recovery Equipment Maintenance Program (ALREMP)
E7	CORE	Manage divisional maintenance support branch
E7	CORE	Manage divisional Quality Assurance (QA) branch
E6	CORE	Monitor Quality Assurance (QA) programs

## LAUNCHING SYSTEMS MAINTENANCE

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E4	CORE	Perform below deck catapult corrective maintenance
E4	CORE	Perform below deck catapult preventive maintenance
E4	CORE	Perform catapult below deck maintenance procedures
E4	CORE	Perform catapult flight deck maintenance procedures
E4	CORE	Perform flight deck catapult corrective maintenance
E4	CORE	Perform flight deck preventive maintenance
E6	CORE	Supervise catapult below deck inspections
E6	CORE	Supervise catapult corrective maintenance procedures
E6	CORE	Supervise catapult flight deck inspections

## LAUNCHING SYSTEMS OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E6	CORE	Conduct catapult portion of Air Department Training Team (ADTT) briefs
E5	CORE	Monitor catapult administrative procedures
E4	CORE	Operate catapult below deck stations
E4	CORE	Operate catapult flight deck stations
E4	CORE	Perform below deck catapult operations
E4	CORE	Perform catapult below deck pre and post operational inspections
E5	CORE	Perform catapult emergency below deck procedures
E5	CORE	Perform catapult emergency flight deck procedures
E4	CORE	Perform catapult flight deck pre and post operational inspections
E4	CORE	Perform catapult functional tests
E4	CORE	Perform flight deck catapult operations
E7	CORE	Supervise bow catapult crews
E6	CORE	Supervise catapult emergency below deck procedures
E6	CORE	Supervise catapult emergency flight deck procedures
E6	CORE	Supervise catapult flight deck operations
E6	CORE	Supervise catapult test procedures
E7	CORE	Supervise waist catapult crews
E4	CORE	Troubleshoot below deck catapult equipment
E4	CORE	Troubleshoot flight deck catapult equipment

## RECOVERY SYSTEMS OPERATIONS

<u>Paygrade</u>	<u>Task Type</u>	<u>Task Statements</u>
E7	CORE	Manage V2 divisional maintenance and operations
E6	CORE	Monitor launch and recovery operations