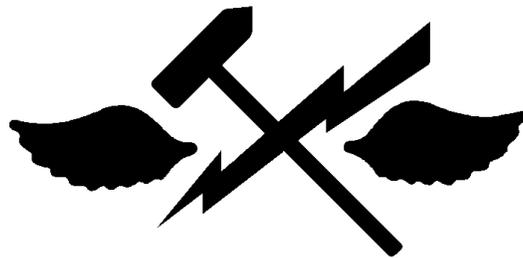


CHAPTER 10



AVIATION SUPPORT EQUIPMENT TECHNICIAN (AS)

NAVPERS 18068-10D

CH-42

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NAVY ENLISTED OCCUPATIONAL STANDARD
FOR
AVIATION SUPPORT EQUIPMENT TECHNICIAN (AS)



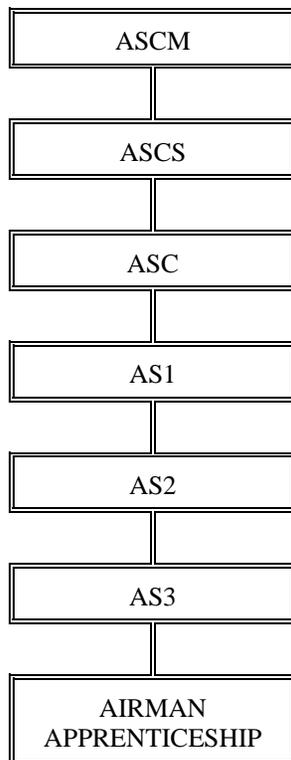
SCOPE OF RATING

Aviation Support Equipment Technicians (AS) perform preventive and corrective maintenance on aviation support equipment, aviation armament handling equipment, aviation mobile firefighting units, and associated components and systems; service, inspect, test, troubleshoot, and repair gasoline and diesel engine systems, transmission systems, hydraulic, hydrostatic, and pneumatic systems, steering and suspension systems, cryogenic systems, electrical systems, gas turbine compressor units, electrical and hydraulic power generating equipment, and air-conditioning and refrigeration systems (excluding avionics support equipment); manage support equipment assets at different command levels; and provide training in operation of aviation support equipment.

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) as Chapter 10.

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 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**Aviation Support Equipment Technician****Job Code****002320****Job Family**

Installation, Maintenance, and Repair

NOC

4900-3023.01

Short Title (30 Characters)

AVIATION SUPPORT EQUIPMENT TEC

Short Title (10 Characters)

ASE TEC

Pay Plan

Enlisted

Career Field

AS

Proficiency Level

A/J/M

Other Relationships and Rules:

NEC 1589, 7222, 76XX series, 83XX series, 9549, and 9590

Job Description

Aviation Support Equipment Technicians perform scheduled and unscheduled maintenance on aircraft support equipment. They perform maintenance (adjust, troubleshoot, and repair) on mechanical systems (diesel engines, gas turbine compressor systems, brake systems, transmission systems, welding and structural repair equipment), air conditioning and refrigeration systems (compressors, condensers, evaporators, refrigerant reclaimer equipment and plumbing components, reclaiming of refrigerant), electrical systems (Mobile Electrical Power Plant (MEPP) systems, aircraft tow tractors electrical systems, forklift electrical systems, and numerous other support equipment electrical systems), mobile maintenance facility (electrical/structural corrosion control, mobile facility van complexing, environmental control units), cryogenic equipment (gaseous and liquid oxygen servicing systems, gaseous nitrogen servicing systems and oxygen system purge units), hydraulic/pneumatic systems (hydraulic test stands, aircraft and automotive lifting devices, maintenance platforms, various pumps, actuators and accumulators). They also perform support equipment management, training and licensing, by planning, organizing, scheduling, and implementing daily maintenance tasks and training requirements.

DoD Relationship**Title and Group:**Aircraft Accessories
160**Code and Area:**160200
16**O*NET Relationship****Title and SOC Code:**Automotive Master Mechanics
49-3023.01**Name and Family Code:**Installation, Maintenance, and Repair
49**CORROSION CONTROL**

Paygrade	Task Type	Task Statements	Skills	Abilities
E4	CORE	Identify corrosion treatment	<i>Equipment Selection Judgment and Decision Making</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Identify corrosion types	<i>Equipment Selection Judgment and Decision Making</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Perform corrosion control maintenance	<i>Equipment Selection Repairing</i>	<i>Deductive Reasoning Manual Dexterity</i>
E4	CORE	Perform preservation procedures	<i>Equipment Selection Repairing</i>	<i>Deductive Reasoning Manual Dexterity</i>

ELECTRO/MECHANICAL MAINTENANCE

Paygrade	Task Type	Task Statements	Skills	Abilities
E5	CORE	Build power cables for Mobile/Maintenance Facility (MMF) support	<i>Equipment Maintenance Installation</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Maintain air conditioning and refrigeration equipment	<i>Equipment Maintenance Systems Evaluation</i>	<i>Deductive Reasoning Inductive Reasoning</i>
E4	CORE	Maintain air conditioning and refrigeration reclaimer equipment	<i>Equipment Maintenance Systems Evaluation</i>	<i>Deductive Reasoning Inductive Reasoning</i>
E4	CORE	Maintain Environmental Control Unit (ECU) systems	<i>Equipment Maintenance Systems Evaluation</i>	<i>Deductive Reasoning Inductive Reasoning</i>
E4	CORE	Maintain Mobile Electric Power Plant (MEPP) systems	<i>Equipment Maintenance Systems Evaluation</i>	<i>Deductive Reasoning Inductive Reasoning</i>
E4	CORE	Maintain Mobile Maintenance Facility (MMF) generator systems	<i>Equipment Maintenance Systems Evaluation</i>	<i>Deductive Reasoning Inductive Reasoning</i>

E4	CORE	Maintain Mobile Maintenance Facility (MMF) systems <i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Repair Environmental Control Unit (ECU) components <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Repair Mobile Electric Power Plant (MEPP) systems <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Repair Mobile Maintenance Facility (MMF) components <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E5	CORE	Repair Mobile Maintenance Facility (MMF) generator systems <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Test air conditioning and refrigeration equipment components <i>Quality Control Analysis</i> <i>Systems Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Test air conditioning and refrigeration reclaimer equipment system components <i>Quality Control Analysis</i> <i>Systems Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Test Environmental Control Unit (ECU) components <i>Quality Control Analysis</i> <i>Systems Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Test Mobile Electric Power Plant (MEPP) electrical components <i>Quality Control Analysis</i> <i>Systems Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Test Mobile Maintenance Facility (MMF) components <i>Quality Control Analysis</i> <i>Systems Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Test Mobile Maintenance Facility (MMF) generator components <i>Quality Control Analysis</i> <i>Systems Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Troubleshoot air conditioning and refrigeration equipment components <i>Systems Analysis</i> <i>Troubleshooting</i>	<i>Originality</i> <i>Problem Sensitivity</i>
E4	CORE	Troubleshoot air conditioning and refrigeration reclaimer equipment components <i>Systems Analysis</i> <i>Troubleshooting</i>	<i>Originality</i> <i>Problem Sensitivity</i>
E4	CORE	Troubleshoot Environmental Control Units (ECU) <i>Systems Analysis</i> <i>Troubleshooting</i>	<i>Originality</i> <i>Problem Sensitivity</i>
E4	CORE	Troubleshoot leak points on Environmental Control Unit (ECU) components <i>Systems Analysis</i> <i>Troubleshooting</i>	<i>Originality</i> <i>Problem Sensitivity</i>
E4	CORE	Troubleshoot Mobile Electric Power Plant (MEPP) components <i>Systems Analysis</i> <i>Troubleshooting</i>	<i>Originality</i> <i>Problem Sensitivity</i>
E4	CORE	Troubleshoot Mobile Maintenance Facility (MMF) components <i>Systems Analysis</i> <i>Troubleshooting</i>	<i>Originality</i> <i>Problem Sensitivity</i>
E4	CORE	Troubleshoot Mobile Maintenance Facility (MMF) generator components <i>Systems Analysis</i> <i>Troubleshooting</i>	<i>Originality</i> <i>Problem Sensitivity</i>

GENERAL SUPPORT EQUIPMENT MAINTENANCE

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Conduct flight deck troubleshooter operations	<i>Complex Problem Solving</i> <i>Coordination</i>	<i>Auditory Attention</i> <i>Spatial Orientation</i>
E4	CORE	Maintain aircraft Peculiar Support Equipment (PSE) systems	<i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Maintain Common Support Equipment (CSE) systems	<i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>

E4	CORE	Maintain Material Handling Equipment (MHE) systems <i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Repair aircraft Peculiar Support Equipment (PSE) systems <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Repair Common Support Equipment (CSE) systems <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Test aircraft Peculiar Support Equipment (PSE) components <i>Quality Control Analysis</i> <i>Systems Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Test Common Support Equipment (CSE) components <i>Quality Control Analysis</i> <i>Systems Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Troubleshoot aircraft Peculiar Support Equipment (PSE) equipment systems <i>Systems Analysis</i> <i>Troubleshooting</i>	<i>Originality</i> <i>Problem Sensitivity</i>
E4	CORE	Troubleshoot Common Support Equipment (CSE) components <i>Systems Analysis</i> <i>Troubleshooting</i>	<i>Originality</i> <i>Problem Sensitivity</i>

HYDRAULIC/PNEUMATIC MAINTENANCE

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Maintain gaseous nitrogen support equipment <i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>	
E4	CORE	Maintain gaseous oxygen support equipment <i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>	
E4	CORE	Maintain hydraulic contamination controls <i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>	
E4	CORE	Maintain Liquid Oxygen (LOX) support equipment <i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>	
E4	CORE	Maintain support equipment hydraulic power supplies <i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>	
E4	CORE	Maintain support equipment hydraulic purification equipment <i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>	
E4	CORE	Maintain support equipment Hydraulic Servicing Units (HSU) <i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>	
E4	CORE	Perform support equipment hydraulic purification procedures <i>Equipment Selection</i> <i>Repairing</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>	
E4	CORE	Recharge air condition and refrigeration equipment refrigerants <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>	
E4	CORE	Recharge Environmental Control Unit (ECU) refrigerants <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>	
E4	CORE	Recover air condition and refrigeration equipment refrigerants <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>	
E4	CORE	Recover Environmental Control Unit (ECU) refrigerants <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>	
E4	CORE	Repair air conditioning and refrigeration equipment <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>	
E4	CORE	Repair air conditioning and refrigeration reclaiming equipment <i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>	

E4	CORE	Repair gaseous nitrogen support equipment <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E5	CORE	Repair gaseous oxygen support equipment <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E4	CORE	Repair hydraulic system components <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E5	CORE	Repair Liquid Oxygen (LOX) support equipment <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E4	CORE	Repair support equipment hydraulic power supply <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E4	CORE	Repair support equipment hydraulic purification equipment <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E4	CORE	Test gaseous nitrogen system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test gaseous oxygen system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test hydraulic fluids for contamination <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test hydraulic system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test Liquid Oxygen (LOX) system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test support equipment hydraulic power supply system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test support equipment hydraulic purification components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Troubleshoot gaseous nitrogen system components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot gaseous oxygen components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot Liquid Oxygen (LOX) components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot support equipment hydraulic power supply components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot support equipment hydraulic purification equipment components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot support equipment Hydraulic Servicing Units (HSU) <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>

MANAGEMENT

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E6	CORE	Coordinate Due-In From Maintenance (DIFM) reports	<i>Critical Thinking Reading Comprehension</i>	<i>Inductive Reasoning Written Comprehension</i>
E7	CORE	Manage curriculum development of Apprentice and Journeyman schools	<i>Judgment and Decision Making Management of Personnel Resources</i>	<i>Deductive Reasoning Originality</i>

E7	CORE	Manage depot level maintenance requirements	<i>Judgment and Decision Making</i> <i>Management of Personnel Resources</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E7	CORE	Manage division Production Control	<i>Coordination</i> <i>Management of Personnel Resources</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E5	CORE	Manage flight deck troubleshooter operations	<i>Coordination</i> <i>Management of Personnel Resources</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E7	CORE	Manage Intermediate level maintenance requirements	<i>Equipment Selection</i> <i>Management of Personnel Resources</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E5	CORE	Manage material control assets	<i>Equipment Selection</i> <i>Management of Material Resources</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E6	CORE	Manage production control processes	<i>Coordination</i> <i>Management of Personnel Resources</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E5	CORE	Manage support equipment asset inventories	<i>Equipment Selection</i> <i>Management of Material Resources</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E5	CORE	Manage support equipment issues and receipts	<i>Coordination</i> <i>Management of Material Resources</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E5	CORE	Manage support equipment logs and records	<i>Management of Material Resources</i> <i>Writing</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E6	CORE	Manage support equipment tool room operations	<i>Equipment Selection</i> <i>Management of Personnel Resources</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E6	CORE	Manage technical directives compliance programs	<i>Instructing</i> <i>Management of Personnel Resources</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E5	CORE	Manage training and support equipment operator licensing programs	<i>Instructing</i> <i>Management of Personnel Resources</i>	<i>Deductive Reasoning</i> <i>Originality</i>

MECHANICAL MAINTENANCE

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Maintain aircraft crash and salvage equipment	<i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Maintain aircraft tow tractor systems	<i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Maintain de-icing equipment systems	<i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Maintain gas turbine engine systems	<i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E4	CORE	Maintain Weapons Handling Equipment (WHE) systems	<i>Equipment Maintenance</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Inductive Reasoning</i>
E5	CORE	Repair aircraft crash and salvage systems	<i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Repair aircraft tow tractor systems	<i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Repair de-icing equipment systems	<i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Repair gas turbine engine components	<i>Equipment Maintenance</i> <i>Systems Analysis</i>	<i>Inductive Reasoning</i> <i>Problem Sensitivity</i>

E4	CORE	Repair Material Handling Equipment (MHE) systems <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E4	CORE	Repair Weapons Handling Equipment (WHE) systems <i>Equipment Maintenance Systems Analysis</i>	<i>Inductive Reasoning Problem Sensitivity</i>
E5	CORE	Test aircraft crash and salvage equipment system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test aircraft tow tractor system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test de-icing equipment system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test gas turbine engine components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test Material Handling Equipment (MHE) system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Test Weapons Handling Equipment (WHE) system components <i>Quality Control Analysis Systems Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E5	CORE	Troubleshoot aircraft crash and salvage components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot aircraft tow tractor system components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot de-icing equipment components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot gas turbine engine components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot Material Handling Equipment (MHE) components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>
E4	CORE	Troubleshoot Weapons Handling Equipment (WHE) components <i>Systems Analysis Troubleshooting</i>	<i>Originality Problem Sensitivity</i>

QUALITY ASSURANCE

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E4	CORE	Inspect air conditioning and refrigeration equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Inspect air conditioning and refrigeration reclaiming equipment	<i>Operation Monitoring Quality Control Analysis</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Inspect aircraft crash and salvage equipment systems	<i>Quality Control Analysis Systems Evaluation</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Inspect aircraft Peculiar Support Equipment (PSE) systems	<i>Quality Control Analysis Systems Evaluation</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Inspect aircraft tow tractor systems	<i>Quality Control Analysis Systems Evaluation</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Inspect Common Support Equipment (CSE) systems	<i>Quality Control Analysis Systems Evaluation</i>	<i>Deductive Reasoning Problem Sensitivity</i>
E4	CORE	Inspect de-icing equipment systems	<i>Quality Control Analysis Systems Evaluation</i>	<i>Deductive Reasoning Problem Sensitivity</i>

E4	CORE	Inspect Environmental Control Unit (ECU) systems <i>Operation Monitoring</i> <i>Quality Control Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Inspect gas turbine engine systems <i>Operation Monitoring</i> <i>Quality Control Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Inspect gaseous nitrogen support equipment <i>Operation Monitoring</i> <i>Quality Control Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Inspect gaseous oxygen support equipment <i>Operation Monitoring</i> <i>Quality Control Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Inspect hydraulic system components <i>Operation Monitoring</i> <i>Quality Control Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Inspect Liquid Oxygen (LOX) support equipment <i>Operation Monitoring</i> <i>Quality Control Analysis</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Inspect Material Handling Equipment (MHE) systems <i>Quality Control Analysis</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Inspect Mobile Electric Power Plant (MEPP) systems <i>Operation Monitoring</i> <i>Quality Control Analysis</i>	<i>Problem Sensitivity</i> <i>Deductive Reasoning</i>
E4	CORE	Inspect Mobile Maintenance Facility (MMF) generator systems <i>Quality Control Analysis</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Inspect Mobile Maintenance Facility (MMF) systems <i>Quality Control Analysis</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Inspect support equipment hydraulic power supplies <i>Quality Control Analysis</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Inspect support equipment hydraulic purification equipment <i>Quality Control Analysis</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E4	CORE	Inspect Weapons Handling Equipment (WHE) systems <i>Quality Control Analysis</i> <i>Systems Evaluation</i>	<i>Deductive Reasoning</i> <i>Problem Sensitivity</i>
E7	CORE	Manage Quality Assurance (QA) program <i>Active Learning</i> <i>Management of Personnel Resources</i>	<i>Deductive Reasoning</i> <i>Originality</i>

TECHNICAL ADMINISTRATION

<u>Pavgrade</u>	<u>Task Type</u>	<u>Task Statements</u>	<u>Skills</u>	<u>Abilities</u>
E5	CORE	Determine level site locations for Mobile and Maintenance Facilities (MMF)	<i>Judgment and Decision Making</i> <i>Systems Analysis</i>	<i>Deductive Reasoning</i> <i>Originality</i>
E6	CORE	Direct equipment discrepancy report verifications	<i>Judgment and Decision Making</i> <i>Reading Comprehension</i>	<i>Inductive Reasoning</i> <i>Originality</i>
E4	CORE	Document maintenance actions	<i>Systems Analysis</i> <i>Writing</i>	<i>Information Ordering</i> <i>Inductive Reasoning</i>