Task Book for the Position of:

# DRIVER/OPERATOR – ENGINE

# (DO-EN)

**TASK BOOK INITIATION**

Trainee's Name: _____

Task Book Initiated By: _____

Date Initiated: _____

**TASK BOOK COMPLETION**

I verify that the above named trainee has successfully demonstrated all tasks for the position of DOEN according to the requirements listed in this task book. All tasks listed have been documented and initialed. The trainee has reached a state of competence to be able to operate independently at this position.

Final Evaluator's Signature: _____

Final Evaluator's Printed Name: _____

Position: _____

Date Completed: _____

**VERIFICATION OF QUALIFICATIONS**

I verify that the above named trainee possesses a properly completed task book and has been evaluated by persons qualified at the position of DOEN and has met the requirements of this position.

Signature: _____

Printed Name: _____

Title: | Battalion Chief | Chief of Department | (circle one)

Date Cleared for Position: _____

This task book lists the competencies, behaviors, and tasks required for successful performance in the designated position. Trainees must be observed completing all tasks and show knowledge and competency in their performance during the completion of this task book.

Trainees are evaluated by an individual that is currently qualified in the position for which the trainee is being evaluated. The evaluator will document competent completion of a task by initialing and dating the given task. The trainee should ensure that the evaluator has also filled out the initial confirmation page on the last page of the task book. Competent completion of a task is defined as the trainee performing the task properly and in the appropriate context without prompting or guidance from the evaluator. The evaluator may order a task to be performed in certain conditions and then evaluate its proper execution, but the evaluator should not have to guide the trainee through a task. Completion of a task in a task book is an evaluation process, not a training process.

Evaluation and confirmation of the trainee's performance may occur over the course of multiple incidents and shifts. Likewise, sign-off of tasks may involve multiple evaluators over the course of the task book completion period.

Each task has a code associated with it indicating the type of activity in which the task may be completed. The codes are:

| CODES | | DESCRIPTION |
|---|---|---|
| I | Incident | The task must be completed during an incident or while interacting with live conditions |
| D | Demonstration | The task must be completed by demonstrated the required skill in a controlled environment (i.e. apparatus check, formal evaluation, etc.) |
| S | Simulation | The task can be demonstrated through a simulated condition that requires interaction with actual systems used for that task (i.e. working with the pump, radio equipment, or tools on the apparatus during a drill or evolution) |
| A | Any | This task can be completed under any situation (Classroom discussion outside of initial training, simulation, actual incidents, daily job duties, etc.) |
| R | Rare Event | Rare events are those that have limited opportunities to evaluate performance in a real-world setting. Evaluators should determine through interview, demonstration, and/or simulation how the trainee would handle the task if they have not had the opportunity to deal with the task under actual conditions. |

While tasks can be performed in any situation, they must be completed on the specific type of event for which they are coded. Tasks within the task book are numbered sequentially; however, the tasks do not need to be completed in sequential order.

The bullet points under each numbered task are examples or indicators of items or actions related to the task. The purpose of the bullets is to assist the evaluator in evaluating the trainee. The bullets are not all-inclusive. Evaluate and initial each task based only on the trainee's mastery of the various aspects of the numbered tasks.

## Driver/Operator Qualification - Engine

| TASK | CODE | EVALUATOR/NOTES: Initial & date upon completion of task |
|---|---|---|
| **Behavior: The trainee shall locate and demonstrate the proper operation of equipment on the apparatus.** | | |
| **1. Locates all powered equipment on the apparatus**<br>• Trainee immediately approaches the correct closed compartment and retrieves the requested powered equipment.<br>  ○ Items included in this evaluation include all small engine equipment and accessories (i.e. rescue tools to go with the power plant), battery operated tools and monitors/detectors, air powered devices, and similar equipment. | **D S** | |
| **2. Properly operates and shuts down all powered equipment**<br>• Trainee operates all equipment referenced above, understands their purpose, and properly prepares the equipment for storage and transport on the apparatus | **D S** | |
| **3. Properly locates a minimum of 20 items on the apparatus (in addition to powered equipment) as requested by the evaluator**<br>• Trainee immediately approaches the correct closed compartment or storage location on the apparatus and retrieves the requested equipment without error.<br>• The evaluator requests items from a variety of locations on the apparatus | **D** | |
| **4. Properly identifies the function of items referenced above** | **D** | |

| TASK | CODE | EVALUATOR/NOTES: Initial & date upon completion of task |
|---|---|---|
| **Behavior: The trainee shall identify and operate the various controls and equipment in the cab** | | |
| **1. Trainee identifies location and function of cab switches:**<br>• Master switch and sub switches<br>• Scene lighting<br>• Emergency lighting<br>• Headlights<br>• Windshield wipers<br>• Auxiliary braking system | **D** | |

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|---|---|---|
| **2. Trainee shall demonstrate startup of apparatus and preparation for response:**<br>• Proper seat and mirror adjustment<br>• Proper startup procedure<br>• Seatbelt use / assurance that other riders are belted before moving the apparatus<br>• Use of emergency lighting and siren(s)/air horn | **D S** | |
| **3. Trainee shall demonstrate function of the mobile radio**<br>• Selecting the correct channel for a given response<br>• Changing zones<br>• Operating scan on/off<br>• Identify emergency ID button and how to reset | **D S** | |
| **4. Trainee shall demonstrate basic operation of the MDC**<br>• Logging in personnel<br>• Confirming MDC connection and current status<br>• Displaying an incident<br>• Statusing the unit<br>• Displaying and navigating the map controls<br>• Creating an incident | **D S** | |

| **TASK** | **CODE** | **EVALUATOR/NOTES: Initial & date upon completion of task** |
|---|---|---|
| **Behavior: The trainee shall demonstrate safe driving and handling practices for the apparatus type.** | | |
| **1. The trainee demonstrates safe driving and handling practices over the course of a minimum of 10 road miles.**<br>• Continually scans the surroundings (ahead, behind, sides, side streets, intersections, etc.)<br>• Keeps the apparatus centered in the traffic lane<br>• Demonstrates proper speed for conditions<br>• Demonstrates smooth braking and knowledge of proper braking distance<br>• Navigates left and right turns with proper clearances and proper turning radius<br>• Is observant of side and overhead clearance<br>• Exhibits proper backing procedures with the use of a guide<br>• Exhibits proper backing procedures for situations where a guide is not available | **A** | |
| **2. Trainee explains the following terms and how they affect apparatus handling:**<br>• Center of gravity<br>• Water tank slosh<br>• Apparatus weight<br>• Velocity (speed) | **D** | |

| TASK | CODE | EVALUATOR/NOTES: Initial & date upon completion of task |
|---|---|---|
| **Behavior: The trainee properly engages and operates the pump.** | | |
| **1. Properly engages the pump:**<br>• Identifies drive system as midship or PTO<br>• Sets brake<br>• Engages pump<br>• Ensures transmission is in proper position<br>• Confirms pump engaged via in-cab indicators<br>• Exits cab and sets wheel chocks | **A** | |
| **2. Establishes tank-to-pump operation**<br>• Establishes water supply<br>• Charges selected hoseline and establishes desired flow<br>• Set the pressure control device<br>• Monitor remaining water supply<br>• Report when below ¼ tank | **A** | |
| **3. Establishes a nursing operation as the attack engine**<br>• Properly initiates flow to a deployed line on tank water<br>• Sets up 3” hoseline to a pump intake<br>• Receives water from nursing apparatus<br>• Transfers to nurse water supply<br>• Ensures water is not lost from tank overflow<br>• Deploys pony section of 5” from other intake to a manifold in preparation to receive a hydrant line<br>• Monitor remaining water supply<br>• Report when below ¼ tank | **A** | |
| **4. Establishes a nursing operation as the backup engine**<br>• Position behind or in front of attack engine (without blocking roadway or ladder deployment)<br>• Deploys 3” hoseline from a discharge to an attack engine intake<br>• Charge line to transfer water<br>• Advise attack engine when nurse engine is at ¼ tank<br>• Once transfer completed, change 3” connection from a discharge on the nurse engine to one of the intakes<br>• Refill water tank once attack engine is on hydrant supply | **A** | |

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| **5. Prepares for and receives a hydrant supply**<br>• Establishes initial attack on tank water<br>• Deploys pony section (25'/50' section) of 5" from apparatus intake to a manifold<br>• Connect laid 5" line to manifold and call for water<br>• Bleed off air in laid line via the manifold<br>• Charge the pony section<br>• Transfer to hydrant supply and normalize discharge pressure<br>• Announce on hydrant supply and residual pressure with lines flowing | **A** | |
| **6. Operates multiple fire streams with different flows/pressures**<br>• Establishes initial attach line with proper flow and pressure<br>• Charge an additional line that operates at a different flow and pressure<br>• Set apparatus discharge pressure to highest demand<br>• Gate back other discharge valves while flowing to achieve correct pressure<br>• Insure pressure control device is properly set<br>• Monitor residual pressure and water supply | **A** | |
| **7. Sets apparatus to a maximized hydrant for relay operations**<br>• Spot at hydrant with front or rear bumper aligned to hydrant<br>• Ensure hydrant is set for maximizing (2 ½" outlet has 2.5 x 5" gated valve attached)<br>• Stretch pony section of 5" from steamer outlet to apparatus intake nearest the hydrant<br>• Charge hydrant, bleed air, and open apparatus intake<br>• Attach laid 5" line to attack engine to apparatus LDH discharge<br>• Charge laid supply line and establish initial pressure of 80-100 psi, monitoring residual pressure<br>• Stretch 100' section of 5" from gated 2 ½" outlet to other apparatus intake<br>• Charge 100' section and open associated apparatus intake<br>• Verify residual pressure, maintain discharge pressure above 20 psi, depending on demand from attack engine | **A** | |

| TASK | CODE | EVALUATOR/NOTES: Initial & date upon completion of task |
|---|---|---|
| **Behavior: The trainee demonstrates proper operation and application of the foam system.** | | |
| **1. Identifies type(s) of foam available on the apparatus**<br>• Class A / Class B / Both<br>• Verbalizes correct percentages for a given application<br>o Class A: Direct attack (.1-.3%)<br>o Class A: Overhaul (.1-.5%)<br>o Class A: Structural Protection (.5-1%)<br>• Identify all foam-capable discharges on the apparatus | | |
| **2. Properly engages the pump:**<br>• Identifies drive system as midship or PTO<br>• Sets brake<br>• Engages pump<br>• Ensures transmission is in proper position<br>• Confirms pump engaged via in-cab indicators<br>• Exits cab and sets wheel chocks | **D S** | |
| **3. Establishes tank-to-pump operation**<br>• Establishes external water supply<br>• Utilizes auto-fill feature<br>• Charges selected hoseline and establishes desired flow<br>• Set the pressure control device | **D S** | |
| **4. Establishes non-CAFS foam operation for the scenario given by the evaluator**<br>• Selects correct foam tank<br>• Establish correct foam percentage<br>• Charge foam line and establish flow | **D S** | |
| **5. Demonstrates proper shut-down and flushing operation**<br>• Properly flushes system<br>• Returns controls to proper positions | **D S** | |
| **6. Locate and identify the following features**<br>• Class A and B foam strainer<br>• Class A and B foam drains<br>• Compressor oil site glass / fill level indicator | **D S** | |

| TASK | CODE | |
|---|---|---|
| **Behavior: The trainee shall complete VFIS – Driver Training** | | |
| 1. Classroom course work<br>2. Hand on Training – Driving Course | **S** | |

| TASK | CODE | EVALUATOR/NOTES: Initial & date upon completion of task |
|---|---|---|
| **Behavior: The trainee shall demonstrate safe operation and spotting of the apparatus during emergency response (code 3).** | | |
| **1. Trainee safely demonstrated the following with competence during a code 3 response**<br>• Maintains emotional control and focus on driving operations<br>• Maintains proper apparatus placement on the roadway during the response (lane placement)<br>• Scans surroundings (ahead, side streets, intersections, mirrors, etc.)<br>• Exhibits proper speed for road, traffic, and weather conditions<br>• Exhibits proper use of warning signals<br>• Exhibits knowledge of proper knowledge and use of braking distance<br>• Navigates left and right turns with proper side clearance<br>• Maintains proper awareness of overhead clearance<br>• Spots apparatus properly for incident type and crew safety<br>• Adheres to MFR policies and best practices for emergency driving | **I** | **Response #1**<br>Date:<br><br>Type of incident:<br><br>☐ Highway response |
| **2. Trainee safely demonstrated the following with competence during a code 3 response**<br>• Maintains emotional control and focus on driving operations<br>• Maintains proper apparatus placement on the roadway during the response (lane placement)<br>• Scans surroundings (ahead, side streets, intersections, mirrors, etc.)<br>• Exhibits proper speed for road, traffic, and weather conditions<br>• Exhibits proper use of warning signals<br>• Exhibits knowledge of proper knowledge and use of braking distance<br>• Navigates left and right turns with proper side clearance<br>• Maintains proper awareness of overhead clearance<br>• Spots apparatus properly for incident type and crew safety<br>• Adheres to MFR policies and best practices for emergency driving | **I** | **Response #2**<br>Date:<br><br>Type of incident:<br><br>☐ Highway response |
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| **3. Trainee safely demonstrated the following with competence during a code 3 response**<br>• Maintains emotional control and focus on driving operations<br>• Maintains proper apparatus placement on the roadway during the response (lane placement)<br>• Scans surroundings (ahead, side streets, intersections, mirrors, etc.)<br>• Exhibits proper speed for road, traffic, and weather conditions<br>• Exhibits proper use of warning signals<br>• Exhibits knowledge of proper knowledge and use of braking distance<br>• Navigates left and right turns with proper side clearance<br>• Maintains proper awareness of overhead clearance<br>• Spots apparatus properly for incident type and crew safety<br>• Adheres to MFR policies and best practices for emergency driving | **I** | **Response #3**<br>Date:<br><br>Type of incident:<br><br>☐ Highway response |

| INITIAL CONFIRMATION | |
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