**Engine (2021)**

**Checklist #15**

| **Location:** |       |
| --- | --- |
| **Date:**MM/DD/YY |       |
| **Respondent:**First, Last |       |
| **Reviewed by:**First, Last |       |

**VEHICLE DATA**

|  |  |
| --- | --- |
| License Plate # |  |
| Engine # |  |
| Engine Type |  |
| Chassis Make |  |
| Chassis Model |  |
| Mileage |  |
| Hours |  |

**GAWR**

|  |  |
| --- | --- |
| Front Axle | 0 |
| Intermediate Axle | 0 |
| Rear Axle | 0 |
| **TOTAL GAWR** | **0** |

**GVW (Equipped)**

|  |  |
| --- | --- |
| Front Axle | 0 |
| Intermediate Axle | 0 |
| Rear Axle | 0 |
| **TOTAL GVW** | **0** |

**PUMP DATA**

|  |  |
| --- | --- |
| Pump Make/Model |   |
| Pump Engine Make/Model |   |
| Foam Unit Make/Model |   |
| Pump Hours |   |
| Date of Last Pump Test |   |
| Maximum Flow |    \_\_\_\_\_\_\_\_\_GPM @\_\_\_\_\_\_\_\_\_PSI |

**For the National Preparedness Review, you will need to have the following items available for review:**

| **CHECKLIST ITEM #** | **DOCUMENTATION** |
| --- | --- |
| Various | *Fire Equipment Maintenance Procedure and Record* (*FEMPR*) |
| Various | Vehicle log book/maintenance records/annual weight slips |
| 29, 30 | Risk assessments (RAs) |
| 31-36, 38 | Documentation of listed items |
| 39 | CDL for drivers (where applicable) |
| 42 | Documents listed |
|  | *BLM Standards for Fire Training and Workforce Development (BSFTWD)* (<https://www.nifc.gov/sites/default/files/blm/training/Stds_Trng_WFD.pdf>) |
|  | *Interagency Standards for Fire and Fire Aviation Operations* (<https://www.nifc.gov/standards/guides/red-book>) |

| **CHECKLIST ITEM #** | **CHECKLIST REFERENCES** |
| --- | --- |
| 38 | Employee Orientation Checklist (<https://www.nifc.gov/standards/blm-preparedness-review>) |

**GENERAL CONDITION**

**Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed**

| **ITEM** | **DESCRIPTION** | **CODE** | **REMARKS** |
| --- | --- | --- | --- |
| 1 | Equipment exterior is: *[RB Ch 2]* |  |  |
|  | 1. Clean and waxed
 | Choose an item. |       |
|  | 1. Free of debris
 | Choose an item. |       |
|  | 1. Items secured
 | Choose an item. |       |
|  | 1. Windows and mirrors cleaned
 | Choose an item. |       |
|  | 1. All mechanical systems in good working order
 | Choose an item. |       |
| 2 | Equipment interior:*[RB Ch 2]* |  |  |
|  | 1. Cab and compartments free of dirt and debris
 | Choose an item. |       |
|  | 1. Cab free of loose items
 | Choose an item. |       |
|  | 1. Equipment stored in appropriate compartments and organized
 | Choose an item. |       |
|  | 1. Windows and mirrors cleaned
 | Choose an item. |       |
|  | 1. Mechanical systems in good working order
 | Choose an item. |       |

**FIRE PACKAGE**

**Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed**

| **ITEM** | **DESCRIPTION** | **CODE** | **REMARKS** |
| --- | --- | --- | --- |
| 3 | Pump maintenance records current and documented in the *Fire Equipment Maintenance Procedure Record.**[FEMPR]* | Choose an item. |       |
| 4 | Pump operation and performance meets manufacturer and agency specifications.*[FEMPR]* | Choose an item. |       |
| 5 | Annual flow test on pump is documented.*[FEMPR]* | Choose an item. |       |
| 6 | Pump gauges are in working order.*[FEMPR]* | Choose an item. |       |
| 7 | Water valves are in working order.*[FEMPR]* | Choose an item. |       |
| 8 | Fuel, water and air filters are serviceable.*[FEMPR]* | Choose an item. |       |
| 9 | Fluid levels meet manufacturer specifications.*[FEMPR]* | Choose an item. |       |
| 10 | Foam unit operation performance meets manufacturer and agency specifications.*[Engine Operator Course; FEMPR]* | Choose an item. |       |
| 11 | Foam gauges are in working order.*[FEMPR]* | Choose an item. |       |
| 12 | Foam valves are in working order.*[FEMPR]* | Choose an item. |       |
| 13 | Foam system has been inspected.*[FEMPR]* | Choose an item. |       |
| 14 | Fusees and other similar ignition devices, are not worn or degraded, are stored properly, not stored with flammable liquids and fuels in the same compartment, and should be identified in a highly visible manner.*[NWCG Standards for Transporting Fuel (PMS 442)]* | Choose an item. |       |
|  | * If fuel or other hazardous materials must be transported on the engine, see *NWCG Standards for Transporting Fuel, pp. 76-79,* for requirements.
 | Choose an item. |       |
| 15 | All fuel containers (including SIGG™ bottles, Dolmar™ containers, etc.) are secured so that they will not fall over or move while being transported, and location is identified in a highly visible manner and properly vented.*[NWCG Standards for Transporting Fuel (PMS 442)]* | Choose an item. |       |
|  | * If fuel or other hazardous materials must be transported on the engine, see *NWCG Standards for Transporting Fuel, pp. 76-79,* for requirements.
 | Choose an item. |       |
| 16 | Engine meets agency standards.  |  |  |
|  | 1. Non-skid surface

*[OSHA 29 CFR 1910]* | Choose an item. |       |
|  | 1. Fire extinguisher service is current, checked monthly, and location is identified in a highly visible manner.

*[H-1112-1]* | Choose an item. |       |
|  | 1. Hazard reflectors/flares

*[DOI Occupational Safety and Health Program - Field Manual]* | Choose an item. |       |
|  | 1. First aid/trauma kit is available and appropriate size; location is identified in a highly visible manner.

*[H-1112-1]* | Choose an item. |       |
|  | 1. Fire First Response kit is carried in active WCF 600-series fire vehicle.

*[RB Ch 14]* | Choose an item. |       |
|  | 1. Jack (serviceable for GVW)

*[H-1112-1]* | Choose an item. |       |
|  | 1. Lug wrench

*[H-1112-1]* | Choose an item. |       |
| 17 | Engine crew has minimum number of mobile and portable radios.*[BLM Fire Engine NUS* <https://doimspp.sharepoint.com/sites/blm-fa/fire-operations/SitePages/NFEP-Policy-Resources.aspx>*]* | Choose an item. |       |

**ENGINE ADMINISTRATION**

**Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed**

| **ITEM** | **DESCRIPTION** | **CODE** | **REMARKS** |
| --- | --- | --- | --- |
| 18 | Preventive and historical maintenance checks are documented and current using the F*ire Equipment Maintenance Procedure and Record* (FEMPR) forms and process.*[RB Ch 2]* | Choose an item. |       |
| 19 | Equipment identifier is displayed on the front, rear, each side, and on the top of the equipment. *[RB Ch 2; FA-IM-2021-004, and FA-IM-2021-004.a1]* | Choose an item. |       |
| 20 | Engine has a complete and documented BLM standard inventory (NUS).*[RB Ch 2]* | Choose an item. |       |
| 21 | Familiar with BLM Fire Equipment Improvement and Deficiency Report System and equipment modification procedures.*[RB Ch 2]* | Choose an item. |       |
| 22 | Vehicle has owner’s and operator’s manuals for both fire package and chassis. | Choose an item. |       |
| 23 | Supervisors are familiar with administrative issues and prepare proper documents as required: |  |  |
|  | 1. Time and attendance (Quicktime)
 | Choose an item. |       |
|  | 1. Crew time reports
 | Choose an item. |       |
|  | 1. Fire time reports
 | Choose an item. |       |
|  | 1. Travel vouchers/per diem forms (Concur)
 | Choose an item. |       |
|  | 1. Accident/injury reporting (CA1/CA2/CA16)
 | Choose an item. |       |
|  | 1. Credit card purchases and records
 | Choose an item. |       |
|  | 1. Fleet gas cards
 | Choose an item. |       |
| 24 | Annual gross vehicle weight (GVW) slip from a certified scale is documented in logbook and meets vehicle specifications.*[RB Ch 14, FEMPR]* | Choose an item. |       |
| 25 | References/paperwork available include: |  |  |
|  | 1. Accident report forms

*[DOI Occupational Safety and Health Program - Field Manual]* | Choose an item. |       |
|  | 1. Radio frequencies are posted in the cab
 | Choose an item. |       |
|  | 1. Preventive maintenance records

*[DOI Occupational Safety and Health Program - Field Manual]* | Choose an item. |       |
|  | 1. Personnel accident/injury forms

*[DOI Occupational Safety and Health Program - Field Manual]* | Choose an item. |       |
|  | 1. Unit maps
 | Choose an item. |       |
|  | 1. Current *Emergency Response Guidebook*
 | Choose an item. |       |
|  | 1. Current credit card

*[Fleet Management Guide, G-1525-1]* | Choose an item. |       |
|  | 1. Tire speed rating sticker with speed limitation is displayed in the cab in a location easily viewed by the operator. If the vehicle has multiple makes or models of tires, the sticker displays the most limiting speed rating.

*[BLM-EA-2017-01]* | Choose an item. |       |
|  | 1. Engine Use Report (EUR) is completed daily as part of the *FEMPR*.

*[RB Ch 2]* | Choose an item. |       |
| 26 | Supervisors are familiar with safety reporting processes as required: |  |  |
|  | 1. Safety Management Information System (SMIS)

*[RB Ch 7]* | Choose an item. |       |
|  | 1. SAFENET reporting

*[RB Ch 7]* | Choose an item. |       |
|  | 1. SAFECOM reporting

*[RB Ch 16]* | Choose an item. |       |
| 27 | Supervisors are familiar with air cargo transport limitations and requirements including: |  |  |
|  | 1. Purging of gas receptacles

*[NWCG Standards for Aviation Transport of Hazardous Materials]* | Choose an item. |       |
|  | 1. Air transport manifesting

*[NWCG Standards for Helicopter Operations Ch 7]* | Choose an item. |       |
|  | 1. Weight limitations

*[National Interagency Mobilization Guide]* | Choose an item. |       |
|  | 1. Safe packaging procedures for specialized equipment

*[NWCG Standards for Helicopter Operations Ch 7]* | Choose an item. |       |
| 28 | Each employee has reviewed and signed an Employee Performance Appraisal Plan (EPAP) for the current season.*[370 DM 430]* | Choose an item. |       |
| 29 | Risk assessments are completed for all suppression work practices/projects that have potential hazards.*[RB Ch 7]* | Choose an item. |       |
| 30 | Risk assessments are completed for all non-suppression work practices/projects that have potential hazards.*[RB Ch 7]* | Choose an item. |       |
| 31 | Firefighters participate in a documented tailgate safety session weekly or at the beginning of each project. May use “6 Minutes for Safety.”*[RB Ch 7]* | Choose an item. |       |

**ENGINE CREW PERSONNEL MEET THE FOLLOWING STANDARDS**

**Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed**

| **ITEM** | **DESCRIPTION** | **CODE** | **REMARKS** |
| --- | --- | --- | --- |
| 32 | BLM-specific engine training and qualification requirements have been met for the following fireline positions:*[RB Ch 2, BSFTWD]* |  |  |
|  | 1. Engine Crewmembers
 | Choose an item. |       |
|  | 1. Engine Operator(s)
 | Choose an item. |       |
|  | 1. Engine Boss
 | Choose an item. |       |
| 33 | All crew personnel have completed Fire Vehicle Driver Orientation (BL-300, once) and/or Fire Vehicle Driver Refresher Training (RT-301, annually).*[RB Ch 2, BSFTWD]* | Choose an item. |       |
| 34 | WCF Class 668 vehicle operators have completed BL-303.*[RB Ch 2, BSFTWD]* | Choose an item. |       |
| 35 | Each employee has attended employee orientation.*[Employee Orientation Checklist]* | Choose an item. |       |
| 36 | Firefighters have a documentation file for: |  |  |
|  | 1. Current season training

*[RB Ch 13]* | Choose an item. |       |
|  | 1. Past season fire training

*[RB Ch 13]* | Choose an item. |       |
|  | 1. Certifications and experience (hardcopy or electronic)

*[RB Ch 13]* | Choose an item. |       |
|  | 1. Fire experience

*[RB Ch 13]* | Choose an item. |       |
|  | 1. Task books initiated appropriate to their training needs.

*[RB Ch 13]* | Choose an item. |       |
|  | 1. Performance evaluations, if required

*[RB Ch 13]* | Choose an item. |       |
| 37 | Firefighters have access to training materials and equipment. | Choose an item. |       |
| 38 | Employees are being provided the following mandatory training: |  |  |
|  | 1. Work/rest requirements

*[RB Ch 7]* | Choose an item. |       |
|  | 1. Driver duty limitations

*[RB Ch 7]* | Choose an item. |       |
|  | 1. Risk Management Process

*[RB Ch 7, IRPG]* | Choose an item. |       |
|  | 1. Risk assessment

*[RB Ch 2]* | Choose an item. |       |
|  | 1. USGS Hazard Communications – GHS

[*RB Ch 2*] | Choose an item. |       |
|  | 1. *Wildland Fire Chain Saws* (S-212) for chainsaw operators

*[RB Ch 13]* | Choose an item. |       |
|  | 1. Any specific training identified by RA

*[RB Ch 13]* | Choose an item. |       |
| 39 | Unit members possess commercial driver’s license where appropriate.*[RB Ch 7]* | Choose an item. |       |

**RADIO USERS (Law Enforcement, Field-going Personnel)**

**Key Code: E = Exceeds Standard, M = Meets Standard, NI = Needs Improvement, NR = Not Reviewed**

| **ITEM** | **DESCRIPTION** | **CODE** | **REMARKS** |
| --- | --- | --- | --- |
| 40 | Radio equipment checked/updated annually or as changes occur.*[MS-1292, Radio Communications Manual]* | Choose an item. |       |
| 41 | The help desk (REMEDY) system used for reporting/managing radio and radio related issues.*[MS-1292, Radio Communications Manual]* | Choose an item. |       |
| 42 | Repeater location maps and channel/frequency plans are provided upon request.*[MS-1292, Radio Communications Manual]* | Choose an item. |       |
| 43 | Radio user training provided at least annually.  *[MS-1292, Radio Communications Manual]* |  |  |
| 1. Radio training includes use and operation of mobile radios.
 | Choose an item. |       |
| 1. Radio trainings includes operation and use of handheld radios.
 | Choose an item. |       |
| 1. Radio training includes channel/frequency plans.
 | Choose an item. |       |
| 1. Radio training includes user guides.
 | Choose an item. |       |
| 44 | Knowledge of radio programming (if needed, narrow/wide band/frequencies). *[RB Ch 15]* | Choose an item. |       |
| 45 | Frequency authorization and use issues have been explained to the employee. *[DM 377, MS 1291]* | Choose an item. |       |
| 46 | Radio User Comments |  |       |

**COMPLETE CHECKLIST #14, FIREFIGHTER**