

ENGINE INCIDENT INSPECTION CHECKLIST**Date:** _____ **Time:** _____

INCIDENT NAME: _____ INCIDENT #: _____

COMPANY/VENDOR: _____

EQUIPMENT MAKE: _____ MODEL: _____ YEAR: _____

VIN #: _____ Tank Capacity (Gallons): _____

ENGINE NUMBER: _____ ODOMETER: _____

LICENSE PLATE #: _____ STATE: _____

EQUIPMENT and PERSONNEL REQUIREMENTS – WILDLAND FIRE ENGINE Type 3 Type 6**Minimum Requirements***Not all inclusive; for additional clarification refer to agreement (SF-1449 section D)***Yes** **No**

1	Company Name and Unique Identification #: Affixed to both sides of truck cab. (D.2.2.3)		
2	DOT # (required for all vehicles 10,001 lbs. or greater): on both sides of vehicle		
3	Current DOT or CVSA inspection (required if over 10,001 lbs. GVWR)		
4	Vehicle Weight: Manufacturers Gross Vehicle Weight Rating (GVWR): _____		
5	Total Vehicle loaded weight: _____ Empty: _____		
6	Tank capacity in gallons (loaded weight minus empty weight divided by 8.33)		
7	Crew Manifest: Names (1) ENGB: _____ (2) FFT1/FFT2: _____ (3) FFT1/FFT2 _____		
8	Type 6 Engine, All-wheel drive (Type 3,4,5 engines all-wheel drive optional). (D.2.1.2.1)		
9	Fire Extinguisher , 1 rated at 2A 10BC or better and mounted. (D.2.1.2)		
10	Reflective Triangles, bi-directional, set of 3. (Exhibit M)		
11	Seat Belts for all passengers. (D.2.1.2)		
12	2 Wheel chocks. (Exhibit M)		
13	Back-Up Alarm: Audible reverse warning device, and 2 back up lights.		
14	Tires: All season or mud and snow tires. 4x4's must have mud and snow tires on all wheels, tire tread depth of a minimum of 2/32 for rear tires and 4/32 for steering axle tires. (Exhibit M)		
15	Spare Tire: Full size spare tire, spare is securely mounted to vehicle. Has adequate tire changing equipment		
16	1 – First Aid Kit (5 person)		
17	Programmable Radios: Minimum of 2. One must be Handheld. Also has two battery clamshells, and one programming cable. (D.2.3) (Exhibit M)		
18	PPE – Per Crew Member: Boots <input type="checkbox"/> Hard Hat <input type="checkbox"/> Gloves <input type="checkbox"/> Eye Protection <input type="checkbox"/> Hearing Protection <input type="checkbox"/> Headlamp with batteries <input type="checkbox"/> Fire Shelter: New generation <input type="checkbox"/> (D.2.1.2)		

	Minimum Requirements – continued	Yes	No
19	Flame Resistant Clothing (Nomex): Two Full Sets, Per Crew Member. (D.2.1.2)		
20	3 – Line Gear (Day Packs): Min. of one per crew member. (D.2.1.2)		
21	All Inventory Permanently Engraved: Required to permanently mark their equipment inventory with vendor/company information. Acceptable markings shall be etched or engraved. Painting or marking the equipment with permanent markers is not acceptable. In addition, the vendor is to maintain a complete inventory list, including any extra items they may be carrying. (D.2.1.2)		
23	Up to date complete inventory list (including optional items)		
24	1 – Live hose reel of 100' hose non-collapsible ¾" inside diameter		
25	1 ½" Hose (see table for min. quantity)		
26	1" Hose (see table for min. quantity)		
27	¾" Hose (see table for min. quantity)		
28	20' Suction hose with strainer or screened foot valve		
29	2 Nozzles, combination Fog/Straight Stream, 1 ½ NH female		
30	2 Nozzles, combination Fog/Straight Stream, 1 NPSH female		
31	5 Nozzles, adjustable ¾ inch (garden hose)		
32	1 Nozzle, Foam 1 ½"		
33	1 – Double Male 1 ½" NH		
34	1 – Double Female 1 ½" NH		
35	1 – Double Male 1" NPSH		
36	1 – Double Female 1" NPSH		
37	2 – Gated Wyes, 1 ½" NH		
38	2 – Gated Wyes 1" NPSH		
39	1 – Gated Wye ¾" (garden hose)		
40	1 – Reducer, 2 ½" NH Female to 1 ½" NH Male		
41	4 – Reducers, 1 ½" NH Female to 1" NPSH Male		
42	1 – Reducer 1" NPSH to ¾" Garden Hose		
43	1 – Adapters 1 ½" NH Female to 1 ½" NPSH Male		
44	1 – Adapters 1 ½" NPSH Female to 1 ½" NH Male		
45	5 – Inline Ball Valves ¾"		
46	1 - Mop Up Wand, ¾ inch receptor, with ¾ inch nozzle tip:		
47	1 – Forestry, Fire Hose Clamp		
48	4 – Spanner wrenches, combination, 2 ea. 1" & 1 ½"		
49	3 – Shovels, size "0"		
50	3 – Pulaski's		
51	2 – Backpack pumps		
52	10 – Fusee's (fire starter)		
53	3 – Mill Bastard Files		
54	1 Chainsaw with fuel (3.0 cubic in. min w/18" bar, chaps, hearing protection gas/oil, and accessories (OSHA Approved Fuel Containers). (D.2.1.2)		
55	Auxiliary pump (if equipped) w/spark arrester: Min. 12 Hours fuel. (Exhibit M)		
56	Pump starts and pumps min. 250 psi (T3) 100 psi (T4,5,6) (Exhibit M)		

	Minimum Requirements – continued	Yes	No
58	Pump and Roll capable (Exhibit M)		
59	Foam Proportioner System: All Engines shall be equipped with a foam proportioner system Manually Regulated <input type="checkbox"/> Automatically Regulating <input type="checkbox"/> (D.2.1.2)		
60	Amount of foam carried on Engine in gallons: (min. 5 gal.) _____ (Exhibit M)		
61	1 ea. 1 ½" discharge valve full flow, rapid shut off. (Exhibit M)		
62	Water Tank: Firmly attached to frame, or structurally sound flatbed.		
63	Tank meets baffling requirements One longitudinal baffle and one transverse baffle every 52" or free-floating baffle system with data sheet that validates baffling is sufficient to meet manufacturer's recommendation.		
64	Pump Accessories (If Pump Powered by Auxiliary Engine) (Exhibit M)		
65	Wrench, Adjustable 10"		
66	Wrench, Spark Plug (Unless adjustable wrench is suitable)		
67	1 Pliers (Slip Joint)		
68	2 qts. Crankcase Oil		
69	1 Screwdriver (Standard Blade)		
70	1 Screwdriver (Phillips)		
71	1 Spare Starter Rope (if required)		
72	1 Grease Gun with Grease		
73	Spark Plugs (Sufficient to replace all plugs on auxiliary pump)		

(Optional/Attributes)

74	Compressed Air Foam System (CAFS)		
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Equipment meets agreement specifications Equipment does not meet agreement specifications

Inspector: _____ Date: _____
(Print and sign)

Contractor: _____ Date: _____
(Print and sign)

REMARKS: _____

ACTUAL PUMP RATING: _____ **PSI**

COMPONENTS	WILDLAND ENGINES			
	3	4	5	6
PUMP RATING				
Minimum flow (GPM)	150	50	50	50
@ Rated pressure (PSI)	250	100	100	100
Tank Capacity (GAL)				
MIN	500	750	400	150
MAX	1500	1500	749	399
Hose (feet)				
1 1/2 inch	1000	300	300	300
1 inch	500	300	300	300
3/4 inch Garden Hose	300	300	300	300
Live Hose Reel 3/4" ID	100	100	100	100
Pump and Roll	Yes	Yes	Yes	Yes
Foam Proportioner System	Yes	Yes	Yes	Yes
Maximum GVWR (lbs.)	-	-	26,000	19,500
Personnel Required	3	3	3	3

CHAINSAW and CHAINSAW KIT INSPECTION CHECKLIST
(Wildland Engines Only)

MANUFACTURER: _____

MODEL NUMBER: _____

SERIAL NUMBER: _____

CHAINSAW (Minimum Engine Power required is 3.0 cubic inches)	Yes	No
Any Visible Parts Broken		
All visible nuts and bolts tight		
Oil in chain reservoir		
Proper Exhaust System and spark arrester		
Started and checked the engine: Idles evenly, runs smoothly, satisfactory power		
Guide Bar: Minimum of 18 inches, not bent, or damaged		
Pull / Starter Rope: Functions properly		
Chain Brake: Functions properly		

CHAINSAW KIT

1 Chainsaw Kit: Bag or box to store complement		
1 Wrench: Combination; bar and sparkplug wrench		
1 Spark Plug: Spare spark plug that works (fits) in saw		
1 pint Engine Oil (2 stroke/cycle mix)		
1 pair Chaps: Wrap around leg safety chaps – OSHA approved		
1 Chain: Extra chain to fit saw-bar combo		
1 Chain File: Appropriate size for chain on saw		
1 Felling Axe		
1 Felling Wedge		
1 Fuel container: OSHA approved fuel container to hold chainsaw fuel and guide bar oil. Properly secured on vehicle.		
2 pair Ear Plugs		

Note: Contractor is required to have both the chainsaw and OSHA approved container(s) full of proper fuel mixture and oil at time of inspection.