Colorado Division of Fire Prevention & Control Driver Operator Pumper JPRs (NFPA 1002, 2014 Edition)

JPR#	Task	Initial Certification JPR Requirement: 15 Mandatory Renewal JPR Requirement: 100% of All JPRs (including all subsections)
1	Apparatus pre-trip and tool inspection	Mandatory (Submitted Prior)
2	Apparatus maneuvering on pre- determined route	Mandatory(Submitted Prior)
3	Apparatus emergent and non- emergent operation	Mandatory (Submitted Prior)
4	In cab procedures	Mandatory
5	Alley dock or apparatus station parking exercise	Mandatory
6	Serpentine exercise	Mandatory
7	Confined space turn-around exercise	Mandatory
8	Diminishing clearance exercise	Mandatory
9	Place pump into service	Mandatory
10a	Pump pre-connect from tank to 2 nd floor with fog nozzle	Random of 10 a-f
10b	Pump pre-connect from tank to ground floor with fog nozzle	Random of 10 a-f
10c	Pump pre-connect from tank to 3 rd floor with fog nozzle	Random of 10 a-f
10d	Pump pre-connect from tank downhill with fog nozzle	Random of 10 a-f
10e	Pump pre-connect from tank uphill with fog nozzle	Random of 10 a-f
10f	Pump pre-connect from tank to 1 st floor with fog nozzle	Random of 10 a-f
11	Water source transfer	Mandatory

12a	Pump smooth bore multi-story	Random of 12 a-f
12b	Pump smooth bore elevation +/-	Random of 12 a-f
12c	Pump fog nozzle elevation +/-	Random of 12 a-f
12d	Pump gated wye, supply 2 lines with fog nozzles	Random of 12 a-f
12e	Pump single line master stream with elevation +/-	Random of 12 a-f
12f	Pump two line master stream with elevation +/-	Random of 12 a-f
13a	Supply sprinkler or stand pipe	Random 13 a-b
13b	Supply foam fire stream	Random 13 a-b
14a	Relay pumping from static source with 1 supply line	Random 14a-b
14b	Relay pumping from static source with 2 supply lines	Random 14a-b
15	Return pumper to service	Mandatory

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DO-PUMPER JPR: DOP-1

Candidate:

TASK: Perform and document routine tests, inspections, and service functions.

SIAM	1ANDARD. 5.1.1, 4.2.1		on the systems and components specified in the following list, given a fire	
NFPA :	NFPA 1002, 2014		department pumper and its manufactures specifications, so that the open	
Genera	al Requirement	s	status of the vehicle is verified.	
The ability to use hand tools, recognize system problems and correct any deficiency noted, wit completed departmental forms, according to policies and procedures of Authority Having Jurisdiction. The Authority Having Jurisdiction will administer this JPR prior to the candidate participating in the Driver/Operator Pumper Practical. On the day of the practical the Proctor will choose two Task Steps to be demonstrated by candidate; one of which will be a piece of equipment from task step # 11. Safety: A safety violation is grounds for automatic failure. All proctors present shall rether the safety violation.				
			ped fire department pumper, the appropriate equipment to complete the edures and related forms.*	assigned
COND	ITIONS: The c	andidate will success	fully complete 100% of all elements of the assigned task steps.	
No.			Task Steps	✓
1.	Battery (ies)			
2.	Braking system	ıs		
3.	Coolant system	s		
4.	Electrical syste	ms		
5.	Fuel			
6.	Hydraulic fluid			
7.	Oil			
8.	Tires			
9.	Steering system	1		
10.	Belts			
11.	Tools, applianc	es and equipment		
12.			er tank and other extinguishing agent levels in accordance with Having Jurisdiction. (if applicable)	
13.	Perform a routi Having Jurisdic		ping systems in accordance with policies and procedures of Authority	
14.		ne inspection on Foar ction. (if applicable)	m systems in accordance with policies and procedures of Authority	
			pparatus check off sheets available for the visual check of the vehic The candidate will be allowed to use these sheets while performing	
Proctor	(Print & Sign)		Date:	_



Candidate:

STAND	ARD: 4.3.1	TASK: Operate a fire department pumper, given a vehicle and a predete	orminad
NFPA 1	FPA 1002, 2014 route on a public roadway that incorporates the maneuvers and features sp		
in the following list that the driver/operator is expected to encounter during normal operations, so that the vehicle is safely operated in compliance with applicable state and local laws, department rules and regulations, and the requirements of NFPA 1500, Standard on Fire Department Occupational Stand Health Program, Section 4.2.			rith all
	ORMANCE TCOME:	Using a predetermined route provided by the Authority Having Jurisdiction the candidate will demonstrate the ability to operate passenger restraint devices; maintain safe following distance maintain control of the vehicle while accelerating, decelerating, and turning, given road, weather traffic conditions; operate under adverse environmental or driving surface conditions; and use automotive gauges and controls. The Authority Having Jurisdiction will administer this JPR prior to the candidate part in the Driver/Operator Pumper Practical. Safety: A safety violation is grounds for automatic failure. All proctors present shall respectively.	es; her, and e icipating
		the safety violation.	
_		RED: A fully equipped fire department pumper, the appropriate equipment to complete the as rtment policies and procedures.	signed
CONDI	TIONS: The ca	andidate will successfully complete 100% of all elements of the assigned task steps.	
No.		Task Steps	✓
1.	Four left turns		
2.	Four right turns		
3.	A straight section	on of urban business street or a two-lane rural road at least 1 mile in length	
4.	One through-int	ersection and two intersections where a stop has to be made	
5.	One Railroad cr	rossing	
6.	One curve, either	er left or right	
7.		nited-access highway that includes a conventional ramp entrance and exit and a section of road allow two lane changes	
8.	A downgrade sto	eep enough and long enough to require downshifting and braking	
9.	An upgrade stee	ep enough and long enough to require gear changing to maintain speed	
10.	One underpass of	or a low clearance or bridge	
A-4.3.1	committee has	s and features specified for this job performance requirement include driving situations t determined to be essential. The committee recognizes that each of these situations might here this occurs, those specific requirements can be omitted.	
Evaluato	Or (Print & Sign)	Date:	

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	Candidate:			
STANI	DARD: 4.3.6, A.4			
NFPA	1002, 2014	f	Task: Operate a vehicle using defensive driving techniques, given a rire department pumper, so that control of the vehicle is maintained.	
Genera	General Requirements Simulated emergency driving conditions should be restricted to a controlled area. Public ways should not be used for these activities.			
	FORMANCE UTCOME:	following distances, ma maintain reasonable spe conditions, operate unde gauges and controls. The Authority Having in the Driver/Operator	onstrate the ability to operate passenger restraint devices, maintain safe intain control of the vehicle while accelerating, decelerating, and turning, sed for road, weather, and traffic conditions, operate safely during emergence adverse environmental or driving surface conditions, and use automotive a Jurisdiction will administer this JPR prior to the candidate participal r Practical. The AHJ will ensure that the candidate has prerequisite training as outlined in NFPA Standard 4.3.6 2014 Edition.	;
		Safety: A safety violation.	ation is grounds for automatic failure. All proctors present shall review	W.
		RED: A fire department rocedures and related for	pumper, the appropriate equipment to complete the assigned tasks and access	ess
COND	ITIONS: The ca	ndidate will successfully	complete 100% of all elements of the assigned task steps.	
No.			Task Steps	/
1.	Wearing Seatbe	t		
2.	Operate passeng	er restraint devices		
3.	Maintain safe fo	llowing distances		
4.	Maintain reason	able speed for road, weat	her, and traffic conditions	
5.	Operate safely d	uring simulated emergen	nt conditions	
6.	Operate under a	dverse environmental or o	driving surface conditions	
7.	Use automotive	gauges and controls		
*Autho	•	urisdiction will mai	intain any documentation to verify that these duties have b	een
Evaluat	or (Print & Sign)		Date:	

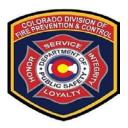


STANDARD: 4.3.7 NFPA 1002, 2014 General Requirements Prior to starting the fire department vehicle the candidate will perform a Pre-trip Apparatus Safety Inspection in order to prepare himself and the vehicle to safely drive and operate a through the approved cone course designated in JPR's 5, 6, 7, & 8. On the day of the practical, the Proctor will choose two Task Steps from JPR #1 to be demonstrated by the candidate; one of which will be a piece of equipment from task step # 11. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access to department policies, procedures and related forms.	Candidate:				
Safety Inspection in order to prepare himself and the vehicle to safely drive and operate a through the approved cone course designated in JPR's 5, 6, 7, & 8. PERFORMANCE OUTCOME: On the day of the practical, the Proctor will choose two Task Steps from JPR #1 to be demonstrated by the candidate; one of which will be a piece of equipment from task step # 11. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation. EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access	NFPA 1002, 2014 Task: Using the Pre-trip Apparatus Safety Inspection provided in the following task steps the fire apparatus driver/operator, given a fire department pumper apparatus, shall demonstrate ability to prepare the				
	Safety Inspection in order to prepare himself and the vehicle to safely drive and operate a through the approved cone course designated in JPR's 5, 6, 7, & 8. PERFORMANCE OUTCOME: OUTCOME: OUTCOME: OUTCOME: Safety: A safety violation is grounds for automatic failure. All proctors present shall review				
	EQUIPMENT REQUIRED: A fire department pumper, the appropriate equipment to complete the assigned tasks and access				
CONDITIONS: The candidate will successfully complete 100% of all elements of the assigned task steps.	CONDITIONS: The car	didate will successfully complete 100% of all elements of the assigned task steps.			
No. Task Steps ✓	No.	Task Steps	✓		
1. The candidate will ensure that all equipment and compartment doors are secured prior to entering the vehicle	1. The candidate wi				
Check and adjust the driver's seat	2. Check and adjust	the driver's seat			
Check and adjust vehicle mirrors	3. Check and adjust	Check and adjust vehicle mirrors			
4. Fasten seatbelt prior to placing the vehicle in motion	4. Fasten seatbelt pr	. Fasten seatbelt prior to placing the vehicle in motion			
Proctor (Print & Sign) Date:	Proctor (Print & Sign)	Date:			

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	Candidate	:		
NFPA	DARD: 4.3.2, A 1002, 2014 ral Requirements		Task: Perform the Alley Dock or Apparatus Station Parking Procedural practical driving exercise. Given a fire department pumper and a spotter perform the exercise safely without striking any obstructions.	
PER	FORMANCE UTCOME:	4.3.2 Back a vehicl vehicle, given a fire degree right-hand a restricted areas with Dock or Apparatus	e from a roadway into restricted spaces on both the right and left sides of the department vehicle, a spotter, and restricted spaces 12 ft in width, requiring the left-hand turns from the roadway, so that the vehicle is parked within thout having to stop and/or pull forward and without striking obstructions. Station Parking Procedural Drill) violation is grounds for automatic failure. All proctors present shall right.	ng 90- he (Alley
assigno ability the app	ed tasks and acce to maneuver the paratus during an	ss to department polic apparatus through the	EMENT: A fire department pumper, the appropriate equipment to completies, procedures and related forms. This exercise is designed to test the cancer course without assistance from a backer. The proctor/spotter will position the proctor/spotter will not direct the driver into position but is there to ensuring objects.	didates' behind
			fully complete 100% of all elements of the assigned task steps. Either the zee be used regardless of the type of apparatus being used for this test.	Alley
No.			Task Steps	✓
		Alley Dock	CIRCLE ONE: Apparatus Station Parking	
1.	_	side, back the apparat	us into the restricted space without having to stop and/or pull forward.	
2.		de, back the apparatusk without striking ob	s into the restricted space without having to stop and/or pull forward. structions.	
3.			us to come in contact with or cross over the course boundary markers bumpers, aerial device, etc.	
Ducata	m (D. 14.9 Cl.)		Data	
r rocto	r (Print & Sign)		Date:	



DO-PUMPER JPR: DOP-5

Option 1: Alley Dock

See attached NFPA Appendix & Figure A-4.3.2 (a) & (b) for instructions and dimensions.

A-4.3.2

The alley dock exercise can be used as practice for or in the evaluation of this requirement. This exercise measures a driver's ability to drive past a simulated dock or stall, back the apparatus into the space provided, and stop smoothly. A dock or stall can be simulated by arranging a barricade 40 ft (12.2 m) from a boundary line. These barricades should be 12 ft (3.66 m) apart, and the length should be 20 ft (6.1 m) minimum.

The driver should pass the barricades with the dock on the left and then back the apparatus, using a left turn, into the stall. The exercise should then be repeated with the dock on the right side, using a right turn.

No portion of the vehicle should extend over the boundary lines or come in contact with the boundary markers regardless of direction of travel. [See Figure A-4.3.2(a)].

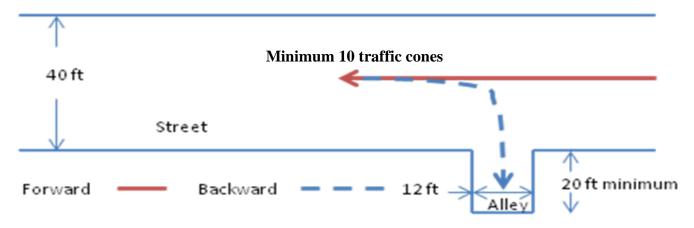


Figure A-2-3.2 (a) Alley Dock Exercise



DO-PUMPER JPR: DOP-5

Option 2: Apparatus Station Parking

See attached NFPA Appendix & Figure A-4.3.2 (a) & (b) for instructions and dimensions.

The apparatus station parking maneuver can also be used as practice for or in the evaluation of this requirement. This exercise measures the driver's ability to back the apparatus into a fire station to park or to back the apparatus down a street to reverse the direction of travel. An engine bay can be simulated by allowing for a 20-ft (6.1 m) minimum setback from a street 30 ft (9 m) wide, with a set of barricades at the end of the setback, spaced 12 ft (3.66 m) apart to simulate the garage door. (The setback from the street should be determined by the testing agency to ensure that the distances reflect those encountered by the apparatus driver during the normal course of duties.) A marker placed on the ground should indicate to the operator the proper position of the left front tire of the vehicle once stopped and parked. A straight line can be provided to assist the operator while backing the apparatus, facilitating the use of vehicle mirrors. The minimum bay depth distance is determined by the total length of the vehicle plus 10 ft. [See Figure A-4.3.2 (b)].

NOTE: This course may need to be modified for large vehicles such as ARFF and/or Aerial apparatus.

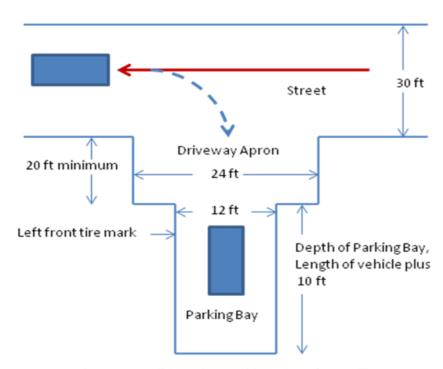


Figure A-2-3 (b) Station Parking Procedure Drill

(Minimum 14 Traffic cones) Copyright NFPA



	Candidate:		
NFPA	DARD: 4.3.3, A.4. 1002, 2014 al Requirements	Task: Perform the Serpentine practical driving exercise. Given a fire department pumper and a spotter for safety perform the exercise safely without striking any obstructions.	
PERFORMANCE OUTCOME: 4.3.3 Maneuver a vehicle around obstructions on a roadway while moving forward and in reverse, given a fire department vehicle, spotter for backing, and a roadway for obstructions, so that the vehicle is maneuvered through the obstacle without stopping and/or changing the direction of travel and without striking the obstructions. (Serpentine Exercise) Safety: A safety violation is grounds for automatic failure. All proctors present shall revite the safety violation.			review
assigne ability the app	d tasks and access to maneuver the apparatus during any b	OTTER REQUIREMENT: A fire department pumper, the appropriate equipment to complete department policies, procedures and related forms. This exercise is designed to test the cand paratus through the course without assistance from a backer. The proctor/spotter will position backing exercise. The proctor/spotter will not direct the driver into position but is there to ensure in contact with any objects.	didates' behind
COND	OITIONS: The can	didate will successfully complete 100% of all elements of the assigned task steps.	
No.		Task Steps	✓
1.	Drive the apparate	us forward on the left side of the center cones.	
2.	_	ack/maneuver the apparatus around obstructions without stopping and/or changing direction this task without striking obstructions.	
3.	Maneuver the apparatus forward around obstructions without stopping and/or changing direction of travel. Perform this task without striking obstructions.		
4.	Do not allow any part of the apparatus to come in contact with or cross over the course boundary markers regardless of direction of travel, i.e. bumpers, aerial device, etc.		
Proctor	(Print & Sign)	Date:	



DO-PUMPER JPR: DOP-6

Serpentine Exercise

See attached NFPA Appendix & Figure A-4.3.3 for instructions and dimensions.

Notes

For setting course boundaries on both sides of the markers, measure 20 feet from the center of the center marker cones for a total width of 40 feet.

Center marker cone spacing should be based on the chart below. Adjustment may be necessary due to turning radius/capability of the apparatus being used for testing. Regardless of the vehicle wheel base the minimum cone spacing can be no less than 30 feet.

This course may need to be modified for large vehicles such as ARFF and/or Aerial apparatus.

A-4.3.3 Serpentine Exercise

The serpentine exercise can be used as practice for or in the evaluation of this requirement. This exercise measures a driver's ability to steer the apparatus in close limits without stopping. The exercise should be conducted with the apparatus moving first backward, then forward. The course or path of travel for this exercise can be established by placing a minimum of three markers, each spaced between 30 ft (9 m) to 38 ft (12 m) apart, in a line. The spacing of the markers should be based on the wheel base of the vehicle used. Adequate space must be provided on each side of the markers for the apparatus to move freely. The driver should drive the apparatus along the left side of the markers in a straight line and stop just beyond the last marker. The driver then should back the apparatus between the markers by passing to the left of marker No. 1, to the right of marker No. 2, and to the left of marker No. 3. At this point, the driver should stop the vehicle and then drive it forward between the markers by passing to the right of marker No. 3, to the left of marker No. 2, and to the right of marker No. 1. (See Figure A-4.3.3.)

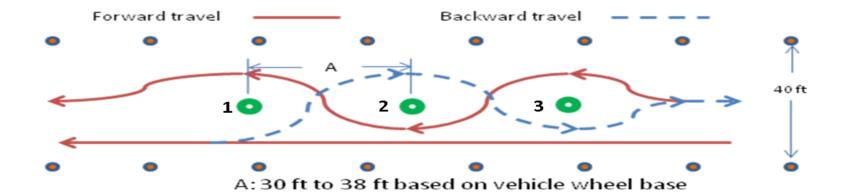


Figure A-4.3.3 Serpentine Exercise.

(Minimum 9 traffic cones) Copyright NFPA

Wheel Base	Cone Spacing
15'	30'
16'	32'
17'	34'
18'	36'
19'	38'

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DO-PUMPER JPR: DOP-7

STANI	DARD: 4.3.4, A.4.	.3.4	Task: Perform the Turn Around Exercise practical driving exercise.	
NFPA :	1002, 2014		Given a fire department pumper and a spotter for safety perform the	
Genera	l Requirements		exercise safely without striking any obstructions.	
4.3.4* Turn a fire department vehicle 180 degrees within a confined space, given a fire department pumper, a spotter for backing, and an area in which the vehicle cannot perform a U-turn without stopping and backing up, so that the vehicle is turned 180 degrees without striking obstructions within the given space. (Turn Around Exercise) Safety: A safety violation is grounds for automatic failure. All proctors present should be the safety violation.		review		
assigned ability t the appa	d tasks and access o maneuver the ap aratus during any b	to department policion paratus through the	MENT: A fire department vehicle, the appropriate equipment to completes, procedures and related forms. This exercise is designed to test the cancerouse without assistance from a backer. The proctor/spotter will position be proctor/spotter will not direct the driver into position but is there to ensure objects.	didates' behind
COND	ITIONS: The can	ndidate will successfu	ally complete 100% of all elements of the assigned task steps.	
No.			Task Steps	✓
1.	Turn the apparatus 180 degrees within a confined space, without striking obstructions.			
2.	Do not allow any part of the apparatus to come in contact with or cross over the course boundary markers regardless of direction of travel, i.e. bumpers, aerial device, etc.			
Proctor	(Print & Sign)		Date:	
- 100001	(Lime & Digit)		Duc.	

Candidate:



DO-PUMPER JPR: DOP-7 Turn Around Exercise

See attached NFPA Appendix & Figure A-4.3.4 for instructions and dimensions.

The confined space turnaround can be used as practice for or in the evaluation of this requirement. This exercise measures the driver's ability to turn the vehicle around in a confined space without striking obstacles. The turn is accomplished within an area 50 ft x 100 ft (15.25 m x 30.5 m). The driver moves into the area from a 12 ft (3.66 - m) opening in the center of one of the 50 ft (15.25 - m) legs, turns the vehicle 180 degrees, and returns through the opening. There is no limitation on the number of times the driver has to maneuver the vehicle to accomplish this exercise, but no portion of the vehicle should extend over the boundary lines of the space. (See Figure A-4.3. 4.)

NOTE: This course may need to be modified for large vehicles such as ARFF or Aerial apparatus. Adjustments cannot exceed more than 15' of the overall length of the apparatus (i.e. the course dimensions for an apparatus with a 45' overall length can adjust to 60' x 100'.

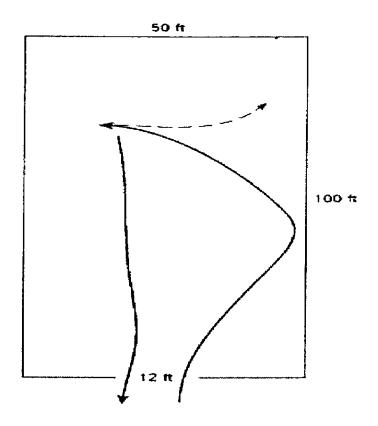


Figure A-4.3.4 Confined space turnaround.

(Minimum 12 Traffic cones) Copyright NFPA

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	Candidate:				
NFPA	DARD: 4.3.5, A.4 1002, 2014	exercise. Given a fire department pumper and a spotter for safety			
PER	PERFORMANCE OUTCOME: 4.3.5 Maneuver a fire department pumper in areas with restricted horizontal clearances, given a fire department pumper and a course that requires the operator to move forward through areas of restricted horizontal clearances, so that the operator accurately judges the ability of the vehicle to pass through the openings and so that no obstructions are struck. (Diminishing Clearance Exercise) Safety: A safety violation is grounds for automatic failure. All proctors present shall revie the safety violation.				
assigne ability the app	ed tasks and access to maneuver the ap paratus during any l	POTTER REQUIREMENT: A fire department pumper, the appropriate equipment to complet is to department policies, procedures and related forms. This exercise is designed to test the cand apparatus through the course without assistance from a backer. The proctor/spotter will position backing exercise. The proctor/spotter will not direct the driver into position but is there to ensure the contact with any objects.	lidates' behind		
CONI	DITIONS: The car	andidate will successfully complete 100% of all elements of the assigned task steps.			
No.		Task Steps	✓		
1.	Maneuver the app	oparatus forward through the diminishing clearance exercise without striking obstructions.			
2.	Do not allow any part of the apparatus to come in contact with or cross over the course boundary markers regardless of direction of travel, i.e. bumpers, aerial device, etc.				
Proctor	r (Print & Sign)	Date:			



DO-PUMPER JPR: DOP-8

Diminishing Clearance Exercise

See attached Appendix and Figure A-4.3.5 for instructions and dimensions.

A-4.3.5 The diminishing clearance exercise can be used as practice for or in the evaluation of this requirement. This exercise measures a driver's ability to steer the apparatus in a straight line, to judge distances from wheel to object, and to stop at a finish line. The speed at which a driver should operate the apparatus is optional, but it should be great enough to necessitate quick judgment. This exercise is to be performed in a forward motion with cone spotters in place. The course for this exercise is created by arranging two rows of markers to form a lane 75 ft (22.9 m) long. The lane varies in width from 9 ft 6 in. (2.9 m) to a diminishing clearance of 8 ft 2 in. (2.5 m). The driver should maneuver the apparatus through this lane without touching the markers. The vehicle should be stopped at a finish line 50 ft (15.25 m) beyond the last marker. No portion of the vehicle should protrude beyond the finish line. $(See\ Figure\ A-4.3.5.)$

NOTE:

Regardless of vehicle width, 8'2" is the minimum dimension to be used at the exit gate.

Not all apparatus will fit in the dimensions given below. The candidate (prior to the test date) and the proctor (prior to the start of the test) should measure from tire bulge to tire bulge of both the front and rear axle widths of the apparatus being used for testing. Use the measurement of the widest axle plus 4" to mark the narrowest portion of the course. This will allow the tires to pass with 2" clearance on each side. All other lane markers used to diminish the course will need to be adjusted accordingly.

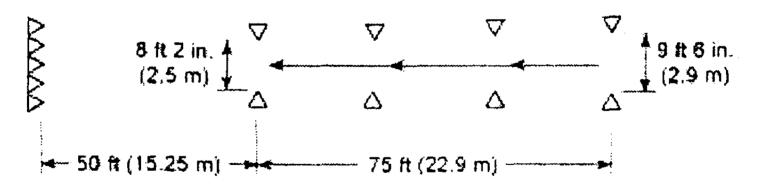


Figure A-4.3.5 Diminishing clearance exercise.

Copyright NFPA (Minimum 10 Traffic cones)

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	Candidate	:		
STAND	DARD: 5.2.1			
NFPA 1	1002, 2014		TASK: The fire apparatus driver/operator, given a fire department pum demonstrate placing the pump in service for pumping operations.	per, shall
Genera	l Requirements			
	FORMANCE UTCOME:	procedures.	safely and efficiently complete all in-cab, pump engagement, and safety violation is grounds for automatic failure. All proctors present shall non.	review
		RED: A fire department or occurrence and related	nent pumper, the appropriate equipment to complete the assigned tasks and forms.	d access
COND	ITIONS: The ca	andidate will successf	ully complete 100% of all elements of the assigned task steps.	
No.			Task Steps	✓
1.	Bring the appara	atus to a full stop and	allow the engine to slow to idle speed.	
2.	Shift the transm	nission to neutral and s	et the brake (per manufactures instructions).	
3.	Depress the brai	ke pedal and engage th	ne pump shift switch and lock.	
4.	Shift the transm	nission into pump gear		
5.	Open water tank	k to pump valve.		
6.	Properly position	on wheel chocks.		
7.	Describe manua	al pump engagement p	rocedures.	
Proctor	(Print & Sign)		Date:	
1 100001	(FIIII & SIGII)		Daw.	

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	Candidate	:			
STAN	IDARD: 5.2.1	TASK: Produce effective hand or master streams, given the sources specific for the source of the sou			
NFPA	1002, 2014	the following list, so that the pump is safely engaged, all pressure controvehicle safety devices are set, the rated flow of the nozzle is achieved an			
Gener	al Requirements	maintained, and the apparatus is continuously monitored for potential pr			
	EFORMANCE OUTCOME:	The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump of (from internal tank) for supplying a pre-connected attack line, given oneinch attack line_ft. in length with a gpm fog nozzle being deployed to the 2nd floor will proceed effective fire stream and calculate the correct discharge pressure. Safety: A safety violation is grounds for automatic failure. All proctors present shall the safety violation.	ine, duce an		
		RED: A fire department pumper, the appropriate equipment to complete the assigned tasks an procedures and related forms.	d access		
CONI	DITIONS: The c	andidate will successfully complete 100% of all elements of the assigned task steps.			
No.		Task Steps	✓		
1.	Open the water	tank to pump valve fully			
2.	Place the transf	er valve in volume pressure. (if applicable)			
3.	Open the correct	et discharge valve.			
4.	Adjust the throttle to the correct discharge pressure within (+ or – 5 psi) (Prime, if necessary).				
5.	Set the pressure control device to the operating pressure.				
6.	Monitor system for overheating. Operate auxiliary cooling systems. (if applicable)				
Ducot		Continue to next JPR Sheet without shutting down			
rrocto	r (Print & Sign)	Date:			

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Proctor (Print & Sign)

DO-PUMPER JPR: DOP-10a Candidate Work Sheet

Date:

Candidate	
CEANDARD 544	
STANDARD: 5.2.1 NFPA 1002, 2014 General Requirements	TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME:	The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations (from internal tank) for supplying a pre-connected attack line, given oneinch attack line,ft. in length with a gpm fog nozzle being deployed to the 2nd floor will produce an effective fire stream and calculate the correct discharge pressure. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.
	Candidate Work Area
	Write Answer
	nnn
	PDP=
	<u> </u>

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	Candidate	:		
NFPA 1002, 2014			TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and	
Genei	ral Requirements		vehicle safety devices are set, the rated flow of the nozzle is achieved an maintained, and the apparatus is continuously monitored for potential productions of the safety devices are set, the rated flow of the nozzle is achieved an maintained, and the apparatus is continuously monitored for potential productions.	
	RFORMANCE OUTCOME:	(from internal tank)ft. in length w	river/operator, given a fire department pumper, shall demonstrate pump of for supplying a pre-connected attack line, given oneinch attack line, inch attack line, ground floor, will provide a ground floor, will prove and calculate the correct discharge pressure.	ne,
		Safety: A safety the safety violation	violation is grounds for automatic failure. All proctors present shall on.	review
		RED: A fire department of the control of the cont	nent pumper, the appropriate equipment to complete the assigned tasks an forms.	d access
CONI	DITIONS: The ca	andidate will successf	ully complete 100% of all elements of the assigned task steps.	
No.			Task Steps	✓
1.	Open the water	tank to pump valve fu	ılly	
2.	Place the transfe	er valve in volume pre	essure. (if applicable)	
3.	Open the correct	t discharge valve.		
4.	Adjust the throt	tle to the correct disch	narge pressure within (+ or – 5 psi) (Prime, if necessary).	
5.	Set the pressure control device to the operating pressure.			
6.	Monitor system for overheating. Operate auxiliary cooling systems. (if applicable)			
Procto	Con	tinue to next JPF	R Sheet without shutting down Date:	

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DO-PUMPER JPR: DOP-10b

Candidate Work Sheet

Candidate:			
STANDARD: 5.2.1			
NFPA 1002, 2014		the following list, so that the p	nd or master streams, given the sources specified in pump is safely engaged, all pressure control and the rated flow of the nozzle is achieved and
General Requirements			s is continuously monitored for potential problems.
PERFORMANCE OUTCOME:	(from internal tank)ft. in length w	for supplying a pre-connected	artment pumper, shall demonstrate pump operations attack line, given oneinch attack line, sing deployed to the ground floor, will produce an arge pressure.
	Safety: A safety the safety violation	_	matic failure. All proctors present shall review
		Candidate Work An	rea
			Write Answer
			PDP=
Proctor (Print & Sign)			Date:

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	Candidate	:			
STAN	DARD: 5.2.1		TASK: Produce effective hand or master streams, given the sources spe	cified in	
NFPA 1002, 2014			the following list, so that the pump is safely engaged, all pressure contro vehicle safety devices are set, the rated flow of the nozzle is achieved an	l and	
Genera	al Requirements	;	maintained, and the apparatus is continuously monitored for potential pr		
(from internal tan PERFORMANCEft. in length OUTCOME: effective fire stream		(from internal tank)ft. in length w effective fire stream	river/operator, given a fire department pumper, shall demonstrate pump of for supplying a pre-connected attack line, given oneinch attack line with a gpm fog nozzle being deployed to the <u>3rd floor</u> will produce and calculate the correct discharge pressure.	ne, e an	
		the safety violation		CVICV	
		IRED: A fire department or occurrence and related	nent pumper, the appropriate equipment to complete the assigned tasks and forms.	d access	
COND	OITIONS: The c	andidate will successfo	ully complete 100% of all elements of the assigned task steps.		
No.			Task Steps	✓	
1.	Open the water	tank to pump valve fu	ılly		
2.	Place the transf	er valve in volume pre	essure. (if applicable)		
3.	Open the correct	et discharge valve.			
4.	Adjust the throttle to the correct discharge pressure within (+ or – 5 psi) (Prime, if necessary).				
5.	Set the pressure control device to the operating pressure.				
6.	Monitor system for overheating. Operate auxiliary cooling systems. (if applicable)				
Continue to next JPR Sheet without shutting down					
rroctor	(Print & Sign)		Date:		



DO-PUMPER JPR: DOP-10c Candidate Work Sheet

Date:

Candidate:			
STANDARD: 5.2.1 NFPA 1002, 2014 General Requirements		the following list, so that the p vehicle safety devices are set,	and or master streams, given the sources specified in bump is safely engaged, all pressure control and the rated flow of the nozzle is achieved and is continuously monitored for potential problems.
PERFORMANCE OUTCOME:	(from internal tank)ft. in length w effective fire stream	for supplying a pre-connected a with a gpm fog nozzle be and calculate the correct dischard violation is grounds for auton	artment pumper, shall demonstrate pump operations attack line, given oneinch attack line, ing deployed to the <u>3rd floor</u> will produce an arge pressure. natic failure. All proctors present shall review
	·	Candidate Work Ai	rea
			Write Answer PDP=

1-1-16



	Candidate	:			
STAN	DARD: 5.2.1	TASK: Produce effective hand or master streams, given the sources spe	cified in		
NFPA	1002, 2014	the following list, so that the pump is safely engaged, all pressure control			
Genera	al Requirements	vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential pro-			
The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operatio (from internal tank) for supplying a pre-connected attack line, given oneinch attack line, PERFORMANCE OUTCOME: The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operatio (from internal tank) for supplying a pre-connected attack line, given oneinch attack line, gpm fog nozzle will produce an effective fire stream and calculate the correct discharge pressure. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.					
		RED: A fire department pumper, the appropriate equipment to complete the assigned tasks and procedures and related forms.	l access		
COND	OITIONS: The ca	andidate will successfully complete 100% of all elements of the assigned task steps.			
No.		Task Steps	✓		
1.	Open the water	tank to pump valve fully			
2.	Place the transfe	er valve in volume pressure. (if applicable)			
3.	Open the correc	et discharge valve.			
4.	Adjust the throttle to the correct discharge pressure within (+ or – 5 psi) (Prime, if necessary).				
5.	Set the pressure control device to the operating pressure.				
6.	Monitor system for overheating. Operate auxiliary cooling systems. (if applicable)				
Continue to next JPR Sheet without shutting down					
rroctor	(Print & Sign)	Date:			



DO-PUMPER JPR: DOP-10d Candidate Work Sheet

Candidate:				
STANDARD: 5.2.1 NFPA 1002, 2014		the following list, so that the p	and or master streams, given the sources specified in bump is safely engaged, all pressure control and	
General Requirements			the rated flow of the nozzle is achieved and s is continuously monitored for potential problems.	
PERFORMANCE OUTCOME:	(from internal tank)ft. in length at effective fire stream	for supplying a pre-connected and deployedft. downhill and calculate the correct dischardiolation is grounds for auton	artment pumper, shall demonstrate pump operations attack line, given oneinch attack line, , with a gpm fog nozzle will produce an arge pressure. natic failure. All proctors present shall review	
		Candidate Work A	rea	
			Write Answer	
			PDP=	
Proctor (Print & Sign)			Date:	

Page: 23 of 48



	Candidate	:			
STANI	DARD: 5.2.1	TASK: Produce effective hand or master streams, given the sources spe	cified in		
NFPA	1002, 2014	the following list, so that the pump is safely engaged, all pressure control vehicle safety devices are set, the rated flow of the nozzle is achieved and	l and		
Genera	al Requirements	maintained, and the apparatus is continuously monitored for potential pr			
	FORMANCE UTCOME:	The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump of (from internal tank) for supplying a pre-connected attack line, given oneinch attack lineft. in length and deployedft. uphill with agpm fog nozzle will produce an fire stream and calculate the correct discharge pressure. Safety: A safety violation is grounds for automatic failure. All proctors present shall rethe safety violation.	e, n effective		
_		RED: A fire department pumper, the appropriate equipment to complete the assigned tasks and procedures and related forms.	1 access		
COND	OITIONS: The ca	andidate will successfully complete 100% of all elements of the assigned task steps.			
No.		Task Steps	√		
1.	Open the water	tank to pump valve fully			
2.	Place the transfe	er valve in volume pressure. (if applicable)			
3.	Open the correc	et discharge valve.			
4.	Adjust the throttle to the correct discharge pressure. within (+ or – 5 psi) (Prime, if necessary).				
5.	Set the pressure control device to the operating pressure.				
6.	6. Monitor system for overheating. Operate auxiliary cooling systems. (if applicable)				
Proctor	(Print & Sign)	Continue to next JPR Sheet without shutting down Date:			
_ 100001	(- IIII & Digii)	zu.			



DO-PUMPER JPR: DOP-10e Candidate Work Sheet

Date:

Candidate:		
STANDARD: 5.2.1 NFPA 1002, 2014 General Requirements		TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME:	(from internal tank)ft. in length a fire stream and calcu	driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying a pre-connected attack line, given oneinch attack line, and deployedft. uphill with a gpm fog nozzle will produce an effectivulate the correct discharge pressure. violation is grounds for automatic failure. All proctors present shall review on.
	-	Candidate Work Area
		Write Answer
		PDP=

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	Candidate	:			
		TASK: Produce effective hand or master streams, given the sources sp the following list, so that the pump is safely engaged, all pressure control			
General Requirements		vehicle safety devices are set, the rated flow of the nozzle is achieved at maintained, and the apparatus is continuously monitored for potential p			
The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operation (from internal tank) for supplying a pre-connected attack line, given oneinch attack line, PERFORMANCE OUTCOME: Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.					
_	_	RED: A fire department pumper, the appropriate equipment to complete the assigned tasks are procedures and related forms.	nd access		
CONI	DITIONS: The c	andidate will successfully complete 100% of all elements of the assigned task steps.			
No.		Task Steps	✓		
1.	Open the water	tank to pump valve fully			
2.	Place the transf	er valve in volume pressure. (if applicable)			
3.	Open the correct	et discharge valve.			
4.	Adjust the throttle to the correct discharge pressure within (+ or – 5 psi) (Prime, if necessary).				
5.	Set the pressure control device to the operating pressure.				
6.	Monitor system for overheating. Operate auxiliary cooling systems. (if applicable)				
Procto	r (Print & Sign)	Continue to next JPR Sheet without shutting down Date:			



DO-PUMPER JPR: DOP-10f

Candidate Work Sheet

Date:

Candidates				
STANDARD: 5.2.1 NFPA 1002, 2014		TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and		
General Requirements		<u> </u>	the rated flow of the nozzle is achieved and is continuously monitored for potential problems.	
PERFORMANCE OUTCOME:	(from internal tank)ft. in length w	for supplying a pre-connected a	artment pumper, shall demonstrate pump operations attack line, given oneinch attack line, ployed to the <u>1st floor</u> will produce an effective fire	
	Safety: A safety violation	_	natic failure. All proctors present shall review	
Candidate Work Area				
			Write Answer	
			PDP=	

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	Candidate:			
STANI	DARD: 5.2.1 and 5.2.2	TACKA Durdyon offertive hand on most on streems, given the services one	aified in	
		TASK: Produce effective hand or master streams, given the sources spe the following list, so that the pump is safely engaged, all pressure control		
NFPA	1002, 2014	vehicle safety devices are set, the rated flow of the nozzle is achieved and		
		maintained, and the apparatus is continuously monitored for potential pr		
Genera	al Requirements			
	The Driver/Operator	r will perform a transfer from internal tank to external source (Hydrant).		
	FORMANCE	(11) wanter (12) wanter (13) w		
Ot	UTCOME:			
	Safety: A safety	violation is grounds for automatic failure. All proctors present shall r	review	
	the safety violation	on.		
EQUII	PMENT REQUIRED: A fire departm	nent pumper, the appropriate equipment to complete the assigned tasks and	d access	
_	rtment policies, procedures and related			
COND	PITIONS: The candidate will successf	ully complete 100% of all elements of the assigned task steps.		
			<u> </u>	
No.		Task Steps	✓	
1.	Signal to have hydrant opened (proct	or will have someone at hydrant to open it).		
2.	Maintain constant discharge pressure	(+ or - 30 psi)**		
3.	Reset pressure control device.			
4.	Fill apparatus booster tank.			
5.	Close tank to pump.			
		next JPR Sheet without shutting down an electronic throttle control, task step # 2 is not applicable.		



DO-PUMPER JPR: DOP-12a

Date:

	Candidate:			
GE LAW				
STANDARD: 5.2.1		TASK: Produce effective hand or master streams, given the sources spe		
NFPA :	1002, 2014	the following list, so that the pump is safely engaged, all pressure controvehicle safety devices are set, the rated flow of the nozzle is achieved and		
Genera	d Requirements	maintained, and the apparatus is continuously monitored for potential pro-		
		The fire apparatus driver/operator; given a fire department pumper, shall demonstrate pump of for supplying multiple hose lines.	peration	
		Driver/Operator is operating off a pressurized water source with attack line flowing.		
PERFORMANCE OUTCOME:		Hoseline number 2 The driver operator given (1) one inch hoseline, ft in length, an inch smooth bore nozzle, +/ number floors, must show an effective fire stream and calculate the correct pump discharge pressure.		
		Proctor must determine gain/loss prior to administering the exam.		
		Safety: A safety violation is grounds for automatic failure. All proctors present shall r the safety violation.	eview	
_		RED: A fire department pumper, the appropriate equipment to complete the assigned tasks and recedures and related forms.	d access	
COND	ITIONS: The ca	andidate will successfully complete 100% of all elements of the assigned task steps.		
No.		Task Steps	✓	
1.	Identify static pr	ressure psi.		
2.	Place transfer va	dve in (if equipped).		
3.	Maintain correct pump discharge pressure (hoseline number one) (within + or - 5 psi).			
4.	Adjust throttle to correct pump discharge pressure (hoseline number two) (within + or – 5 psi).			
5.	Set pressure con	trol device.		
6.	Identify residual	pressure psi.		
7.	Monitor system for overheating. Operate auxiliary cooling systems (if applicable)			
8.	Identify the number of equal lines or additional gpm that can be added			
9.	Identify possible problems that may occur if residual pressure drops below 20 psi.			
10.	Identify action	to be taken.		
11.	Demonstrate sh	nut down procedures.		
	Pr	octor will state to the Candidate the Task Steps in bold type.		



DO-PUMPER JPR: DOP-12a

Date:

Candidate Work Sheet

Candidates				
		T		
STANDARD: 5.2.1		TASK: Produce effective hand or master streams, given the sources specified in		
NFPA 1002, 2014		the following list, so that the pump is safely engaged, all pressure control and		
General Requirements		vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.		
	The fire apparatus d	driver/operator; given a fire department pumper, shall demonstrate pump operations ble hose lines.		
	Driver/Operator is	operating off a pressurized water source with attack line flowing.		
	Hoseline number 2			
PERFORMANCE		given (1) one inch hoseline, ft in length, an inch smooth		
OUTCOME:	bore nozzle, +/ pump discharge pres	number floors, must show an effective fire stream and calculate the correct ssure.		
	Proctor must deter	mine gain/loss prior to administering the exam.		
	110ctor must deter	mine guill 1000 prior to definimate mg the cause		
	Safety: A safety violation	violation is grounds for automatic failure. All proctors present shall review		
	•	Candidate Work Area		
		Write Answer		
		PDP=		

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Proctor (Print & Sign)

DO-PUMPER JPR: DOP-12b

Date:

	Candidate:			
	DARD: 5.2.1 1002, 2014		TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and	
Genera	l Requirements	maintained, and the apparatus is continuously n		
		The fire apparatus driver/operator; given a fire department pumper, operations for supplying multiple hose lines.	shall demonstrate pump	1
		Driver/Operator is operating off a pressurized water source wit	h attack line flowing.	
PERFORMANCE OUTCOME:		Hoseline number 2 The driver operator given (1) one inch hoseline, ft in length , an inch smooth bore nozzle with ft elevation gain/loss; must show an effective fire stream and calculate the correct pump discharge pressure.		
		Proctor must determine gain/loss prior to administering the exa	<u>m.</u>	
		Safety: A safety violation is grounds for automatic failure. All the safety violation.	proctors present shall	review
		RED: A fire department pumper, the appropriate equipment to compicies, procedures and related forms.	plete the assigned tasks a	and
COND	ITIONS: The ca	andidate will successfully complete 100% of all elements of the assign	ned task steps.	
No.		Task Steps		√
1.	Identify static pr	ressure psi.		
2.	Place transfer va	live in (if equipped).		
3.	Maintain correct pump discharge pressure (hoseline number one) (within + or - 5 psi).			
4.	Adjust throttle to correct pump discharge pressure (hoseline number two) (within + or – 5 psi).			
5.	Set pressure con	trol device.		
6.	Identify residual	pressurepsi.		
7.	Monitor system for overheating. Operate auxiliary cooling systems (if applicable)			
8.	Identify the nu	mber of equal lines or additional gpm that can be added		
9.	Identify possible	le problems that may occur if residual pressure drops below 20 p	osi.	
10.	Identify action to be taken.			
11.	Demonstrate sh	nut down procedures.		
	Pr	octor will state to the Candidate the Task Steps in bold	l type.	



DO-PUMPER JPR: DOP-12b

Candidate Work Sheet

Date:

Candidate:			
STANDARD: 5.2.1 NFPA 1002, 2014	TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and		
General Requirements		maintained, and the apparatus is continuously monitored for potential problems.	
	The fire apparatus di for supplying multip	river/operator; given a fire department pumper, shall demonstrate pump operations le hose lines.	
	Driver/Operator is	operating off a pressurized water source with attack line flowing.	
PERFORMANCE OUTCOME:		given (1) one inch hoseline, ft in length , an inch smooth ft elevation gain/loss; must show an effective fire stream and calculate the rge pressure.	
	Proctor must deter	mine gain/loss prior to administering the exam.	
	the safety violatio		
		Candidate Work Area	
		M/site Anguer	
		Write Answer	
		PDP=	

1-1-16



	Candidate	:		
STAN	DARD: 5.2.1	TASK: Produce effective hand or master streams, given the sources sp	ecified in	
NFPA	1002, 2014	the following list, so that the pump is safely engaged, all pressure controvenicle safety devices are set, the rated flow of the nozzle is achieved are	ol and nd	
Genera	al Requirements	maintained, and the apparatus is continuously monitored for potential pro-	roblems.	
		The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump of for supplying multiple hose lines.	operations	
		Driver Operator is operating off a pressurized water source with attack line flowing.		
OUTCOME: nozzle andf		Hoseline number 2 The driver operator given (1) one inch hoseline ft in length with a gp nozzle and ft elevation gain/loss will produce and effective fire stream and calculate correct pump discharge pressure.	_	
		Proctor must determine gain/loss prior to administering the exam.		
		Safety: A safety violation is grounds for automatic failure. All proctors present shall the safety violation.	review	
		RED: A fire department pumper, the appropriate equipment to complete the assigned tasks are procedures and related forms.	nd access	
COND	DITIONS: The ca	andidate will successfully complete 100% of all elements of the assigned task steps.		
No.		Task Steps	√	
1.	Identify static p	ressure psi.		
2.	Place transfer va	alve in (if equipped).		
3.	Maintain correct pump discharge pressure (hoseline number one) (within + or - 5 psi).			
4.	Adjust throttle to correct pump discharge pressure (hoseline number two) (within + or – 5 psi).			
5.	Set pressure con	ntrol device.		
6.	Identify residua	l pressure psi.		
7.	Monitor system for overheating. Operate auxiliary cooling systems (if applicable)			
8.	Identify the number of equal lines or additional gpm that can be added			
9.	Identify possib	le problems that may occur if residual pressure drops below 20 psi.		
10.	Identify action to be taken.			
11.	Demonstrate sl	hut down procedures.		
	Pr	octor will state to the Candidate the Task Steps in bold type.		
Proctor	(Print & Sign)	Date:		



DO-PUMPER JPR: DOP-12c Candidate Work Sheet

Candidate:			

STANDARD: 5.2.1		THA CITY DO NOT THE STATE OF TH
NFPA 1002, 2014		TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and
		vehicle safety devices are set, the rated flow of the nozzle is achieved and
General Requirements		maintained, and the apparatus is continuously monitored for potential problems.
		river/operator, given a fire department pumper, shall demonstrate pump operations
	for supplying multip	ble hose lines.
	Driver Operator is	operating off a pressurized water source with attack line flowing.
	Hoseline number 2	
PERFORMANCE	The driver operator g	given (1) one inch hoselineft in length with a gpm fog
OUTCOME:	nozzle and f pump discharge pres	ft elevation gain/loss will produce and effective fire stream and calculate the correct soure.
	Proctor must deter	mine gain/loss prior to administering the exam.
	Safety: A safety v the safety violation	violation is grounds for automatic failure. All proctors present shall review
	-	Candidate Work Area
		Culturate Work Tirea
		Write Answer
		PDP=
		<u> </u>
Proctor (Print & Sign)		Date:



DO-PUMPER JPR: DOP-12d

Date:

	Candidate:		
C/D A NIT	NADD 541		
NFPA :	DARD: 5.2.1 1002, 2014 al Requirements	TASK: Produce effective hand or master streams, given the sources spein the following list, so that the pump is safely engaged, all pressure convehicle safety devices are set, the rated flow of the nozzle is achieved an maintained, and the apparatus is continuously monitored for potential productions.	ntrol and nd
PERFORMANCE OUTCOME: Hoseline number 2 The driver/operator two inch ho effective fire stream Proctor must deter Safety: A safety v		The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines. Driver/Operator is operating off a pressurized water source with attack line flowing. Hoseline number 2 The driver/operator given (1) one inch hoseline ft in length with a gated wye two inch hoselines; each ft in length with a gpm fog nozzle will profesctive fire stream and calculate the correct pump discharge pressure. Proctor must determine gain/loss prior to administering the exam. Safety: A safety violation is grounds for automatic failure. All proctors present shall the safety violation.	oduce an
		RED: A fire department pumper, the appropriate equipment to complete the assigned tasks a licies, procedures and related forms.	nd
COND	ITIONS: The ca	andidate will successfully complete 100% of all elements of the assigned task steps.	
No.		Task Steps	✓
1.	Identify static pr	ressure psi.	
2.	Place transfer va	alve in (if equipped).	
3.	Maintain correct pump discharge pressure (hoseline number one) (within + or - 5 psi).		
4.	Adjust throttle to 5 psi).	o correct pump discharge pressure (hoseline number two) (within + or –	
5.	Set pressure con	atrol device.	
6.	Identify residual pressure psi.		
7.	Monitor system for overheating. Operate auxiliary cooling systems (if applicable)		
8.	Identify the number of equal lines or additional gpm that can be added		
9.	Identify possib	le problems that may occur if residual pressure drops below 20 psi.	
10.	Identify action	to be taken.	
11.	Demonstrate sh	nut down procedures.	
	P	roctor will state to the Candidate the Task Steps in bold type.	

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DO-PUMPER JPR: DOP-12d

Candidate Work Sheet

Candidate:	
STANDARD: 5.2.1 NFPA 1002, 2014	TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and
General Requirements	vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
	The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines. Driver/Operator is operating off a pressurized water source with attack line flowing.
PERFORMANCE OUTCOME:	Hoseline number 2 The driver/operator given (1) one inch hoseline ft in length with a gated wye and (2) two inch hoselines; each ft in length with a gpm fog nozzle will produce an effective fire stream and calculate the correct pump discharge pressure. Proctor must determine gain/loss prior to administering the exam. Safety: A safety violation is grounds for automatic failure. All proctors present shall review
	the safety violation. Candidate Work Area
	Write Answer
	PDP=

Proctor (Print & Sign)

Date:



DO-PUMPER JPR: DOP-12e

	Candidate:		
STANI	DARD: 5.2.1		
NFPA	1002, 2014	TASK: Produce effective hand or master streams, given the sources spin the following list, so that the pump is safely engaged, all pressure covehicle safety devices are set, the rated flow of the nozzle is achieved a	ontrol and
Genera	al Requirements		
		The fire apparatus driver/operator, given a fire department pumper, shall demonstrate pump operations for supplying multiple hose lines.)
		Driver/Operator is operating off a pressurized water source with attack line flowing.	
	FORMANCE UTCOME:	Hoseline number 2 The driver/operator given (1) one inch hoseline ft in length attached to a remaster stream appliance with an inch smooth bore nozzle; ft gain/loss in ea hydrant as a water supply, must show an effective fire stream and calculate the correct pudischarge pressure.	levation;
		Proctor must determine gain/loss prior to administering the exam.	
		Safety: A safety violation is grounds for automatic failure. All proctors present shal the safety violation.	l review
		RED: A fire department pumper, the appropriate equipment to complete the assigned tasks licies, procedures and related forms.	and
COND	ITIONS: The ca	andidate will successfully complete 100% of all elements of the assigned task steps.	
No.		Task Steps	✓
1.	Identify static pr	ressure psi.	
2.	Place transfer va	alve in (if equipped).	
3.	Maintain correc	t pump discharge pressure (hoseline number one) (within + or - 5 psi).	
4.	Adjust throttle to 5 psi).	o correct pump discharge pressure (hoseline number two) (within + or –	
5.	Set pressure con	trol device.	
6.	Identify residual	pressurepsi.	
7.	Identify the nu	mber of equal lines or additional gpm that can be added	
8.	Identify possib	le problems that may occur if residual pressure drops below 20 psi.	
9.	Identify action	to be taken.	
10.		nut down procedures.	
	Pr	octor will state to the Candidate the Task Steps in bold type.	
Proctor	(Print & Sign)	Date:	

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Proctor (Print & Sign)

DO-PUMPER JPR: DOP-12e

Date:

Candidate Work Sheet

Candidate:		
STANDARD: 5.2.1 NFPA 1002, 2014	TASK: Produce effective hand or master so the following list, so that the pump is safely	engaged, all pressure control and
General Requirements	vehicle safety devices are set, the rated flow maintained, and the apparatus is continuous	
	The fire apparatus driver/operator, given a fire department pumpe for supplying multiple hose lines.	er, shall demonstrate pump operations
	Driver/Operator is operating off a pressurized water source	with attack line flowing.
PERFORMANCE OUTCOME:	Hoseline number 2 The driver/operator given (1) one inch hoseline master stream appliance with an inch smooth bore nozzl hydrant as a water supply, must show an effective fire stream and pressure.	le; ft gain/loss in elevation; a
	Proctor must determine gain/loss prior to administering the	exam.
	Safety: A safety violation is grounds for automatic failure. the safety violation.	All proctors present shall review
	Candidate Work Area	
		Write Answer
	PDP=	

1-1-16

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Proctor (Print & Sign)

DO-PUMPER JPR: DOP-12f

	Candidate:			
STANI	DARD: 5.2.1	TACV.		:C:-1
NFPA :	1002, 2014	in the fol	Produce effective hand or master streams, given the sources splowing list, so that the pump is safely engaged, all pressure co	ntrol and
Genera	l Requirements		afety devices are set, the rated flow of the nozzle is achieved a ed, and the apparatus is continuously monitored for potential p	
		The fire apparatus driver/ope operations for supplying multiple.	rator, given a fire department pumper, shall demonstrate pump iple hose lines.)
		Driver/Operator is operatir	g off a pressurized water source with attack line flowing.	
	ORMANCE TCOME:	master stream appliance with gain/loss in elevation, must sl pressure.	two inch hoselinesft. in length, attached to a a fog nozzle at gpm, hydrant as a water supply, now an effective fire stream and calculate the correct pump dism/loss prior to administering the exam.	ft.
		Safety: A safety violation the safety violation.	is grounds for automatic failure. All proctors present shall	l review
		RED: A fire department pumpicies, procedures and related f	per, the appropriate equipment to complete the assigned tasks orms.	and
COND	ITIONS: The ca	ndidate will successfully com	plete 100% of all elements of the assigned task steps.	
No.			Task Steps	√
1.	Identify static pr	essure psi.		
2.	Place transfer va	ve in (if equipped)	ed).	
3.	Maintain correct	pump discharge pressure (ho	seline number one) (within + or – 5 psi).	
4.	Adjust throttle to 5 psi).	correct pump discharge press	sure (hoseline number two) (within + or –	
5.	Set pressure con	rol device.		
6.	Identify residual	pressure psi.		
7.	Monitor system	for overheating. Operate a	uxiliary cooling systems (if applicable)	
8.	Identify the nu	nber of equal lines or additi	onal gpm that can be added	
9.	Identify possibl	e problems that may occur i	f residual pressure drops below 20 psi.	
10.	Identify action	o be taken.		
11.	Demonstrate sh	ut down procedures.		
	Pro	ctor will state to the Ca	andidate the Task Steps in bold type.	

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Proctor (Print & Sign)

DO-PUMPER JPR: DOP-12f

Candidate Work Sheet

Date:

Candidate:		
CTANDADD 524		
STANDARD: 5.2.1 NFPA 1002, 2014		TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and
General Requirements		maintained, and the apparatus is continuously monitored for potential problems.
	The fire apparatus de for supplying multip	river/operator, given a fire department pumper, shall demonstrate pump operations le hose lines.
	Driver/Operator is	operating off a pressurized water source with attack line flowing.
PERFORMANCE OUTCOME:	master stream applia gain/loss in elevation pressure.	given (2) two inch hoselinesft. in length, attached to a remote nce with a fog nozzle at gpm, hydrant as a water supply,ft. n, must show an effective fire stream and calculate the correct pump discharge mine gain/loss prior to administering the exam.
	1 Toctor mass actor	mine guillioss prior to unimiseering the citime
	Safety: A safety v the safety violation	riolation is grounds for automatic failure. All proctors present shall review on.
		Candidate Work Area
		Write Answer
		PDP=

1-1-16



DO-PUMPER JPR: DOP-13a

	Candidate	:	
STAN	DARD: 5.2.4	TACIV. Complement of Company in Linear date of the control of the	: <i>C</i> : -
NFPA	1002, 2014	TASK: Supply water to fire sprinkler and standpipe systems, given speinformation and a fire department pumper, so that water is supplied to tat the proper volume and pressure.	
Gener	ral Requirements		
	FORMANCE UTCOME:	The driver/operator given (2) two inch hoselines,ft. in length, attached to the Department Connection, operating at the floor, withft. of inch attack gpm /inch fog/ smooth bore nozzle. Supplied from a pressurized water source, must effective fire stream and calculate the correct pump discharge pressure. Proctor must select fire sprinkler or stand pipe system Safety: A safety violation is grounds for automatic failure. All proctors present shall the safety violation.	line, and a
		RED: A fire department pumper, the appropriate equipment to complete the assigned tasks are rocedures and related forms.	nd access
CONI	OITIONS: The ca	andidate will successfully complete 100% of all elements of the assigned task steps.	
No.		Task Steps	√
1.	Identify static pr	ressure psi.	
2.	Place transfer va	alve in (if equipped).	
3.	Adjust throttle t	o correct pump discharge pressure for attack line (within + or – 5 psi).	
4.	Set pressure con	itrol device.	
5.	Demonstrate sl	hut down procedures.	
6.	Monitor system	for overheating. Operate auxiliary cooling systems (if applicable)	
Due -4	Proctor W	ill state to the Candidate the Task Steps in bold type.	



DO-PUMPER JPR: DOP-13a

Candidate Work Sheet

Candidate		
STANDARD: 5.2.1		I
NFPA 1002, 2014		TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and
General Requirements		maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME:	Department Connect gpm /inch for effective fire stream Proctor must select Safety: A safety with the safety violation	given (2) two inch hoselines,ft. in length, attached to the Fire tion, operating at the floor, withft. of inch attack line, and a og/ smooth bore nozzle. Supplied from a pressurized water source, must show an and calculate the correct pump discharge pressure. It fire sprinkler or stand pipe system I wiolation is grounds for automatic failure. All proctors present shall review on. Candidate Work Area
		Write Answer
		PDP=



DO-PUMPER JPR: DOP-13b

STANI	DARD: 5.2.4		TASK: Produce a foam fire stream, given foam-producing equipment,	so that
NFPA 1002, 2014			properly proportioned foam is provided.	
Genera	l Requirements	3		
	FORMANCE UTCOME:	ability to operate for effective fire stream	river/operator, given foam and foam producing equipment, shall demonst am-proportioning equipment, connect foam stream equipment and product supplied with foam. violation is grounds for automatic failure. All proctors present shall non.	ee an
_	_	IRED: A fire department or occurrence and related	nent pumper, the appropriate equipment to complete the assigned tasks and forms.	d access
COND	ITIONS: The c	andidate will successfi	ully complete 100% of all elements of the assigned task steps.	
No.			Task Steps	✓
1.	Identify type o	of foam producing eq	uipment being utilized.	
2.	Prepare foam-p	roducing equipment fo	or operation.	
3.	Adjust throttle	to correct pump discha	arge pressure for foam-producing equipment being utilized.	
4.			ns for a specific type of fire, to be determined by the proctor. s B foam should be used on a polar solvent-fueled fire.	
5.	Produce an effe	ective foam supplied fi	re stream.	
6.	Identify limita	tions of foam type be	eing utilized.	
7.	Demonstrate s	hut down procedure	s.	
8.	Identify prope recommendati		g procedures for equipment utilized, per the manufacture	
Drosto	(Print & Sign)	Proctor will state	to the Candidate the Task Steps in bold type. Date:	
TIUCTOL	(Print & Sign)		Date:	

Candidate:



DO-PUMPER JPR: DOP-13b

Candidate Work Sheet

Candidate:	
STANDARD: 5.2.1 NFPA 1002, 2014 General Requirements	TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.
PERFORMANCE OUTCOME:	The fire apparatus driver/operator, given foam and foam producing equipment, shall demonstrate the ability to operate foam-proportioning equipment, connect foam stream equipment and produce an effective fire stream supplied with foam. Safety: A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.
	Candidate Work Area
	Write Answer
	PDP=
Proctor (Print & Sign)	Date:



DO-PUMPER JPR: DOP-14a

STAN	DARD: 5.2.2		TASK: Pump a supply line of 2 ½ in. or larger, given a relay pumping	evolution
NFPA	1002, 2014		the length and size of the line and the desired flow and intake pressure, the proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper in the relative proper pressure and flow are provided to the next pumper provided to the next pumpe	so that
Gener	General Requirements			
	FORMANCE UTCOME:	line, connected to aft. in lengthgpm must c Proctor must deter	r, given a static water source with 10ft. section(s) of hard suction fire department pumper, relay water using (1) one inch supply line to a fire department attack pumper with ft. elevation gain/loss flow calculate and pump the correct pump discharge pressure. rmine gain/loss prior to administering the exam violation is grounds for automatic failure. All proctors present shall	ne wing
		the safety violati		10100
		IRED: A fire departr procedures and related	ment pumper, the appropriate equipment to complete the assigned tasks a d forms.	nd access
		-		
CONE	DITIONS: The	candidate will success	fully complete 100% of all elements of the assigned task steps.	
No.			Task Steps	✓
1.	Identify the se	ource and attack pun	nper.	
2.	Identify the m	ninimum water level	of the static source.	
3.	Identify the m	naximum lift at the te	est site.	
4.	Identify the m	naximum priming tin	ne of the source pumper.	
5.	Prime the pum	p.		
6.	Identify proble	ms associated with a f	failure to prime the pump.	
7.	Communicatio	ns established with att	tack pumper.	
8.	Open the corre	ct discharge valve.		
			harge pressure within $(+ \text{ or } -5 \text{ psi})$.	
9.	Adjust the thro	ottle to the correct disc	marge pressure wram (+ or - 5 psi).	
9. 10.	Adjust the thro		width (+ of - 5 psi).	
	Set pressure co	ontrol device.	nterruptions from attack pumper.	
10.	Set pressure co	ontrol device.	nterruptions from attack pumper.	



DO-PUMPER JPR: DOP-14a Candidate Work Sheet

Candidate:			
STANDARD: 5.2.1			
NFPA 1002, 2014			d or master streams, given the sources specified in ump is safely engaged, all pressure control and
General Requirements		vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.	he rated flow of the nozzle is achieved and
PERFORMANCE OUTCOME:	line, connected to a factor of the inlength to get the general series of the series of	fire department pumper, relay we to a fire department attack pump alculate and pump the correct pumine gain/loss prior to admin	
	the safety violation	Candidate Work Ar	rea
		ſ	Write Answer
		ľ	
			PDP=



DO-PUMPER JPR: DOP-14b

	Candidate	:	
STAN	DARD: 5.2.2		
	1002, 2014	TASK: Pump a supply line of 2 ½ in. or larger, given a relay pumping the length and size of the line and the desired flow and intake pressure,	
Gener	General Requirements proper pressure and flow are provided to the next pumper in the relay.		
	RFORMANCE OUTCOME:	The driver/operator, given a static water source with 10ft. section(s) of hard suction/ line, connected to a fire department pumper, relay water using (2) two inch supply li ft. in length to a fire department attack pumper with ft. elevation gain/loss flo gpm must calculate and pump the correct pump discharge pressure. Proctor must determine gain/loss prior to administering the exam Safety: A safety violation is grounds for automatic failure. All proctors present shall the safety violation.	ines owing
		IRED: A fire department pumper, the appropriate equipment to complete the assigned tasks a procedures and related forms.	nd access
CONI	DITIONS: The c	andidate will successfully complete 100% of all elements of the assigned task steps.	
No.		Task Steps	✓
1.	Identify the so	ource and attack pumper.	
2.	Identify the m	inimum water level of the static source.	
3.	Identify the m	aximum lift at the test site.	
4.	Identify the m	aximum priming time of the source pumper.	
5.	Prime the pump).	
6.	Identify proble	ms associated with a failure to prime the pump.	
7.	Communication	ns established with attack pumper.	
8.	Open the corre	ct discharge valve.	
9.	Adjust the thro	ttle to the correct discharge pressure within (+ or – 5 psi).	
10.	Set pressure co	ntrol device.	
11.	Maintain pump	prime without flow interruptions from attack pumper.	
12.	Demonstrate s	hut down procedures.	
13.	Monitor system	ns for overheating. Operate auxiliary cooling system (if applicable).	
Procto	P	roctor will state to the Candidate the Task Steps in bold type. Date:	



DO-PUMPER JPR: DOP-14b

Candidate Work Sheet

Date:

Candidate:					
STANDARD: 5.2.1					
NFPA 1002, 2014		TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and			
General Requirements		maintained, and the apparatus is continuously monitored for potential problems.			
PERFORMANCE OUTCOME:	connected to a fire de in length to a fire de must calculate and p Proctor must determined Safety: A safety with the safety violation				
Candidate Work Area					
		<u> </u>			
		Write Answer			
		PDP=			

1-1-16



DO-PUMPER JPR: DOP-15

	Candidate: _			
NFPA	DARD: 5.1.1 1002, 2014 al Requirements	TASK: Produce effective hand or master streams, given the sources speci the following list, so that the pump is safely engaged, all pressure control a vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential prob	and	
		The fire apparatus driver/operator, given a fire department pumper, shall demonstrate the proceed restoring the pumper to service. Safety: A safety violation is grounds for automatic failure. All proctors present shall rethe safety violation.		
		ED: A fire department pumper, the appropriate equipment to complete the assigned tasks and accedures and related forms.	access	
COND	ITIONS: The cand	didate will successfully complete 100% of all elements of the assigned task steps.		
No.		Task Steps	√	
1.	Insure that the apparatus water tank is full.			
2.	Reset pressure control devices.			
3.	Shift the transmission to neutral, allowing it to return to idle speed before disengaging the pump shift switch.			
4.	Open the pump drain (optional).			
5.	Load and secure all equipment.			
6.	Secure compartment doors.			
Proctor	(Print & Sign)	Date:		