

NFPA Objectives (JPR's)	Job Levels	Critical Safety Points
<ul style="list-style-type: none"> NFPA 1410 (2005) A.6.1.1 to A.8.1.1 	<ul style="list-style-type: none"> All 	<ul style="list-style-type: none"> Lead-outs Water supply line charging

NFPA 1410 Evolution Summary-Engine Drills

NFPA 1410 Recommended Evolutions Summary					
Evolution	Type	Activity Description	Water Supply	Flow GPM	Time
1	Handline	Forward lay using one engine and one supply line. 1 attack, 1 backup	Forward 300' from hydrant	300 gpm	3 min
2	Handline	Reverse lay from first engine to second engine. 1 attack, 1 backup	Reverse 300' between engines	300 gpm	4 min
3	Handline	Reverse lay with one engine using a wye; 300 ft to wye, 150' from wye to nozzle	Reverse 300' to hydrant	300 gpm	4 min
4	Handline	2 Forward lays using two engines, 1 attack line off Eng 1, 1 backup off of Eng 2	Forward 300' from each engine	300 gpm	3.5 min
5	Handline	Drafting operation using one engine and portable water supply	Engine at water supply	300 gpm	5 min
6	Master Stream	Reverse lay from portable monitor nozzle using one engine; 1 portable monitor	300' from monitor to engine at hyd.	500 gpm	5 min
7	Master Stream	Forward lay with one engine using engine mounted monitor; 1 fixed monitor	300' from hydrant to engine	500 gpm	3 min
8	Master Stream	Reverse lay from elevated master stream using one engine and one aerial device with elevated master stream	300' reverse from aerial to engine on hydrant	500 gpm	4 min
9	Master Stream	Reverse lay from elevated master stream using one engine and supplying on handline; 1 backup line and one elevated stream	300' from aerial to engine on hydrant, backup line from engine	700 gpm	5.5 min
10	Master Stream	Forward lay using one engine to supply an elevated master stream with two lines	300' forward from hydrant to eng., 100' from engine to aerial with 2 lines	500 gpm	5 min
11	Supply to Sprinkler System	Forward lay to sprinkler connection	300' from hydrant to engine, 100 ft from engine to Siamese	500 gpm	3.5 min
12	Supply to Sprinkler System	Reverse lay from the sprinkler connection	300' reverse from connection to eng at hydrant	500 gpm	3.5 min
13	Supply to Sprinkler System	Forward lay to sprinkler connection using LDH	300' forward from hydrant to eng	500 gpm	3.5 min

Use this summary to determine the applicable drills for your department according to your SOG's. Each of these drills is available at www.fireengineering.com and can be downloaded for your use.

Drill Assigned to:	Local Drill Applications	Date of Drill:
SOG #:	Reading Assignment:	Practical Assignment: