

# Playbook — Hose Advancement and Water Supply

6-week rollout — one section per week

Fire Service • June 2026

## Objective

Embed the playbook into the crew's practice through micro-learning: one section per week, with a short briefing, a hands-on drill, and a check. Spaced repetition and immediate practice maximize retention.

## Principles

- Short and frequent: a 10-15 min briefing + drill, not one long session.
- Always practice: each section ends with a field drill.
- Check: a short validation (5 questions or a demonstration) confirms mastery.
- Make it visible: laminated quick card in every truck, diagrams posted at the station.

## Prerequisite (before week 1)

Have Don validate the numbers and especially the apparatus numbers (421/441/461/422) in the playbook. Correct as needed before rollout.

## Schedule — 6 weeks

| Wk | Theme                            | Drill                                            | Check                              |
|----|----------------------------------|--------------------------------------------------|------------------------------------|
| 1  | Objectives & kickoff             | Deploy a cross-lay (200 ft), nozzle pressure     | 5-question quiz — key numbers      |
| 2  | Engine company — interior attack | Advance while flowing, choke points; victim call | CAN report demonstration           |
| 3  | Pumper roles & pump set-up       | Pressure up the attack pumper, read the gauge    | Set the governor (timed)           |
| 4  | Supply pumper & pressures        | Draft from a portable pool, manage intake/outlet | Establish a source → attack supply |
| 5  | Tanker shuttle                   | Shuttle with 2-3 tankers, timed flow             | Keep the rotation unbroken         |
| 6  | Hydrant, tandem & recap          | Full integrated set-up (all 6 sections)          | Final practical eval + recap quiz  |

## Week-by-week detail

### Week 1 — Objectives & kickoff

*Launch the program and set the engine company objectives. Hand out the quick card.*

#### Key points

- Nozzle / cross-lays: ~150 GPM @ 50 PSI, aim ~110 PSI.
- Advance while flowing, as a team, get around choke points.
- Clarify the nozzle man's role.

**Drill :** Deploy a 200 ft cross-lay (1¾") and hit the target nozzle pressure.

**Check :** 5-question quiz on the key numbers.

### Week 2 — Engine company (interior attack)

*Hose package quality, nozzle handling, and the CAN report on finding a victim.*

#### Key points

- Don't rotate the nozzle (induces air).
- Flow water 15-20 s before entering.
- Victim: "victim x3" + CAN report (Conditions · Actions · Needs).

**Drill :** Advance the line while flowing + simulate a victim call with a CAN report.

**Check :** Demonstrate a clear, complete CAN report over the radio.

### Week 3 — Pumper roles & pump set-up

*Identify each pumper's role and master the pump set-up.*

#### Key points

- Attack pumper: priority 421 (else 441/461/422).
- Governor in pressure mode, preset ~125 PSI, throttle ~75%.
- Auto-prime, drains closed, bleed air; limit intake to 50-60 PSI.

**Drill :** Pressure up the attack pumper and read the gauge correctly.

**Check :** Set the governor to target within a time limit.

### Week 4 — Supply pumper & pressures

*Feed the attack pumper and manage intake and outlet pressures.*

#### Key points

- Drafting: governor in RPM mode (~1250 RPM), side suction.
- Bleed air via the drain, open the butterfly valve slowly.
- Limit intake to 50-75 PSI → governor holds ~125 PSI at the outlet.

**Drill :** Draft from a portable pool and establish a source → attack supply.

**Check :** Establish a working, stable supply within a time limit.

### Week 5 — Tanker shuttle

*Keep a continuous flow through tanker rotation.*

#### Key points

- Fill as fast as you dump; 2 dump sites.
- Y set-up under 500 GPM; 2× 4" parallel if > 500.
- Sustained high flow: ~10 tankers, 4 filling.

**Drill :** Run a shuttle with 2-3 tankers, timing the flow.

**Check :** Keep the rotation going without a supply break.

## Week 6 — Hydrant, tandem & recap

*Maximize hydrant flow, loop the pumpers, and integrate all six sections.*

### Key points

- Hydrant: double or triple tap for max flow.
- Intake-to-intake loop: trucks  $\leq$  100-200 ft apart.
- Variant: direct relay hydrant  $\rightarrow$  supply  $\rightarrow$  attack.

**Drill :** Full integrated set-up combining all six sections (final practical eval).

**Check :** Graded practical evaluation + recap quiz.

### Measuring success

- Participation rate per firefighter (attendance at all 6 briefings).
- Score on the final practical evaluation (week 6).
- Crew feedback after each section (1-2 min).

### Roles & materials

- Don: technical validation and briefing delivery.
- Coordination: Deputy Director of Public Safety.
- Crew leaders: running the drills.
- Materials: playbook (PDF), laminated quick card in every truck, diagrams posted at the station.