



# TRAINING PLAN

Subject	
<b>Engine Co. — Hose &amp; Nozzles</b>	
Instructors	
<u>A</u>	<u>B</u>
<b>Logistics</b>	
<u>Time Required</u> 2 hrs.	<u>Equipment Needed</u> Pump Chart / Hydraulic Calc. SOG's Nozzle 101 PwrPt Engine Co.

## DESCRIPTION

### Objectives:

1. Review the Current Nozzle Inventory in use
2. Review the Nozzle Specifications, Type, Flow Rate, and Nozzle Pressures
3. Review the proper Hydraulic Calculations for flowing hoselines
4. Demonstrate proper nozzle position
5. Demonstrate nozzle reaction and stream reach at correct flow pressures

### Description / Outline:

1. Review the Nozzle 101 PowerPoint
  - 3 main types of nozzles
  - Pros & Cons of each type
2. Review the Current Nozzle Inventory
  - Review the nozzles currently located on the Engines
  - Nozzle Pressure, Flow Rates
  - Hydraulic Calculations for various hoselines
3. Demonstrate proper nozzle position (Charged Hoseline)
  - Single Knee
  - Knee-Over
  - Leg-Up
4. Demonstrate nozzle reaction, and stream reach for nozzles at correct flow pressures
  - Bleed the line (Exhaust Air, Check Pattern & Pressure) – Let the Line Flow
    - Nozzle Reaction & Stream Quality (break-over point) are the only indications of correct pressure
  - Demonstrate nozzle reaction and stream reach at in-correct pressure
  - Demonstrate nozzle reaction and stream reach at correct pressure

<b>Prepared By:</b>	<b>Date / Date Revised:</b>
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