

Santa Barbara City Fire Department - Standard Operating Procedures Apparatus and Equipment Operations	Code: A-III-6
Apparatus 1776	
Chpt: III Reserve Apparatus	Revised: 7/6/2017 Pages: 3

I. PURPOSE

A. To provide specifications and operating procedures for this specific apparatus.

II. SPECIFICATIONS

A. 1992 EMERGENCY ONE Cyclone - Apparatus 1776



B. Engine: 450 Horsepower, 8V92 Detroit Diesel Engine, 736 cubic inch displacement, 4.84" Bore, 5" Stroke

C. Pump: 1500 GPM Hale single stage Centrifugal pump. Electric Primer, gear ratio to pump 1:2.05.

D. Water tank 500 gallons.

E. GVW: Approximate weight 31,160 lbs. (3/4/13)

F. Transmission: Allison HT-740 Automatic

G. Hose complement:

1. 4" – 600'
2. 2 ½" - 1200'
3. 1 ¾" – 275' and 150' preconnects, 1 75' high rise pack
4. 1 ½" – 2 each, 150' packs
5. 1" – 2 packs 300'
6. 3" – 2, 25' sections each side of engine

III. OPERATIONS

A. To Start

1. Transmission in neutral
2. Turn on 'ignition' switch. (Located just above gear shifter)

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3. Depress engine start rocker switch (located just above ignition switch)

B. To Pump

1. Place apparatus where appropriate, put in Neutral, Parking Brake on.
2. Switch transmission from Road to Pump.
 - a) Pull yellow knob (located to your lower left, below dash) down to 2nd position, wait for hissing of air to stop.
 - b) Pull knob down to bottom position, check that green light comes on.
3. Put transmission into Drive.
4. Exit cab and go to pump panel. Refer to [SOP T-II-3](#)
5. Turn on panel light (located below pre-connects).
6. Turn on radio switch (located on your upper right, below radio).
7. Open tank to pump if appropriate (located right side, mid-panel).
8. Place chock blocks (located in front of rear duals).
9. Proceed with hose lay.

C. To Use Foam proportioner

1. Foam Pro 2000 class A foam system
2. Open the foam valve (located in the middle of pump panel)
3. Turn on foam pro switch (located upper left on pump panel)
4. Push red button on foam proportioner unit
5. Foam is available to #2 preconnect and jumpline

D. To use inverter

1. Open breaker box in compartment #1.
2. Flip desired breaker, inverter automatically kicks in.
3. Scene lights also have switches on them, confirm that these are on.

E. Cab tilt

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1. Secure all loose items in cab
2. Remove heavy bags and turnouts from cab
3. Chock wheels
4. Engage cab rise switch located behind cab on captains side
5. Confirm safety bracket is engaged.

[INVENTORY LIST](#)