

STANDARD OPERATING GUIDELINES

**DELTA-CARDIFF
VOLUNTEER
FIRE COMPANY**

S.O.G. F57-10 Revision: 0(1)

SUBJECT: Auto Fires

DIVISION: Fire

INITIAL DATE: 1994

EFFECTIVE DATE: Proposed

PURPOSE: To provide a means of extinguishing fires in vehicles and to protect suppression personnel when fighting vehicle fires.

APPLICABLE TO: All Fire Members

AUTHORITY: DCVFC fire Line Officers

Procedure

1. Park apparatus uphill, upwind.
2. Transmit report on conditions.
3. Continue size up.
4. Determine if additional assistance is needed.
5. Use Fire police for traffic and crowd control.
6. If involved vehicle is a common carrier, determine type of cargo.
7. Safety
 - A. Wear protective clothing as per Protective Clothing Policy.
 - B. Consider traffic conditions and be conscious of traffic hazardous to personnel.
 - C. Consider the flow of spilled fuel (burning or non-burning).
 - D. Use adequate size hose lines, appropriate portable extinguishers, and/or appropriate type foam, as needed.
 - E. Be alert for possible explosion of fuel system.
 - F. Be on guard for explosion of pressurized "energy absorbing" bumpers and shock absorbers.
 - G. Be mindful that batteries may serve as an ignition source, produce electrical shock or explode.

- H. Remember that the suspension systems on many buses may collapse to within four (4) inches of ground level when exposed to fire.
 - I. Remember that most motor homes, campers and mobile canteens have built-in LPG tanks on board.
 - J. Vehicles that have air bags and the air bag has not deployed should be approached with caution. Personnel should not position themselves between the bag and seat while the air bag system is armed.
 - K. Vehicles with armed, undeployed air bags should not have any tools or other objects places in their vicinity due to those objects becoming flying objects.
8. Operations
- A. Consider life safety.
 - B. Consider water supply availability.
 - C. Consider slope of terrain.
 - D. Determine type of fuel which may be involved:
 - 1. Gasoline.
 - 2. Diesel.
 - 3. Propane.
 - 4. Other.
 - E. Consider fuel system -- newer vehicles have pressurized fuel systems.
 - F. Coordinate with law enforcement personnel at the scene.
 - G. Breathing apparatus shall be necessary for operations on all vehicle fires, inside and outside the vehicle.
 - H. Be prepared for tire fires to re-ignite.
9. Post Emergency
- A. Investigate the cause of fire.
 - B. Cooperate with law enforcement investigation.
 - C. Insure that vehicle is in a fire safe condition prior to towing service removal of same.

Approved: _____

Title: _____