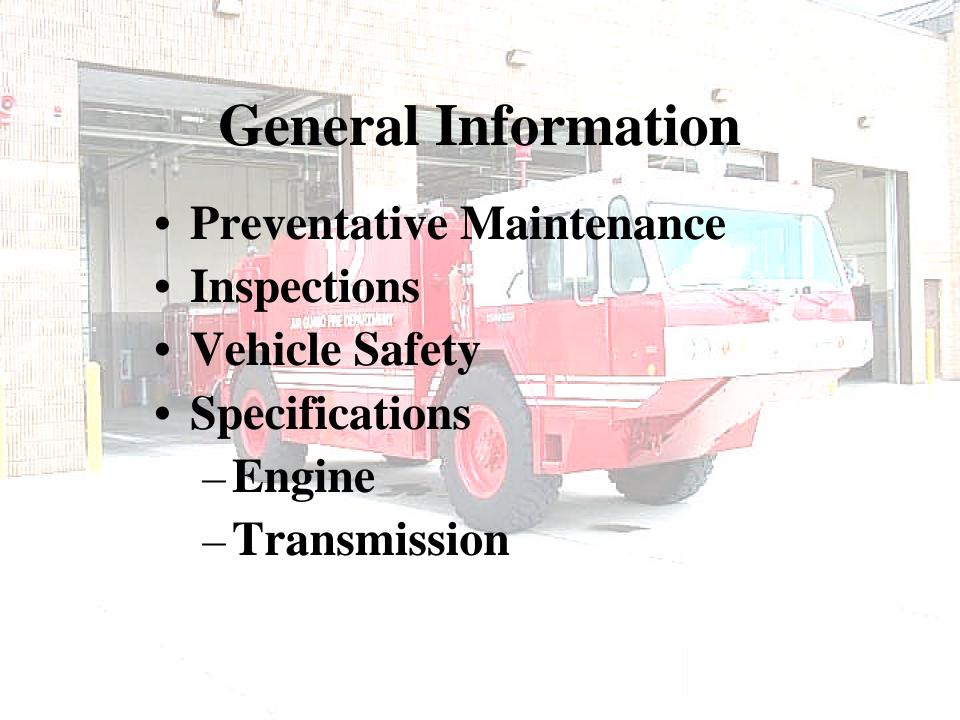
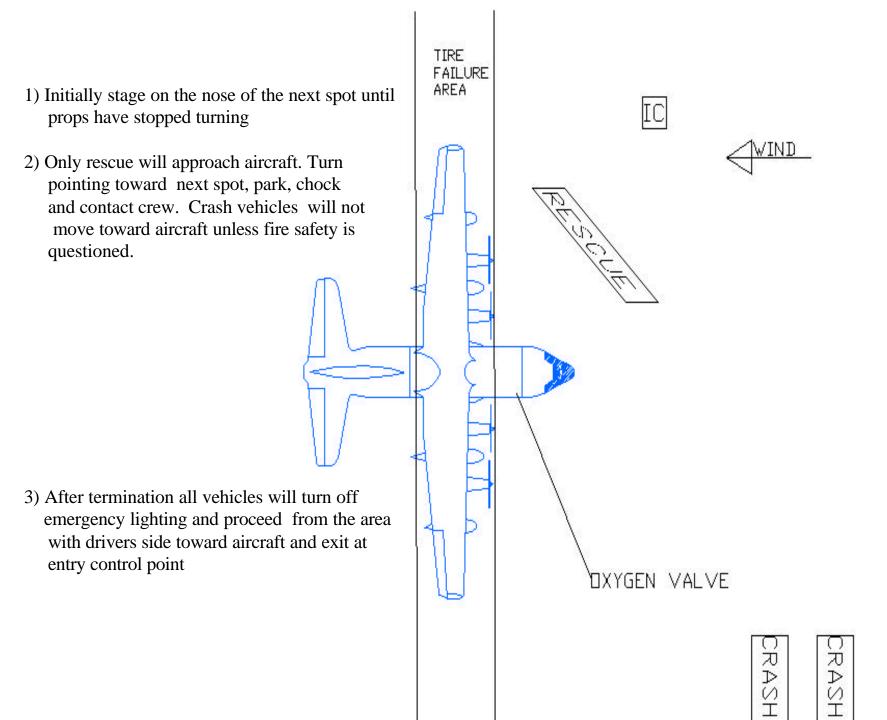
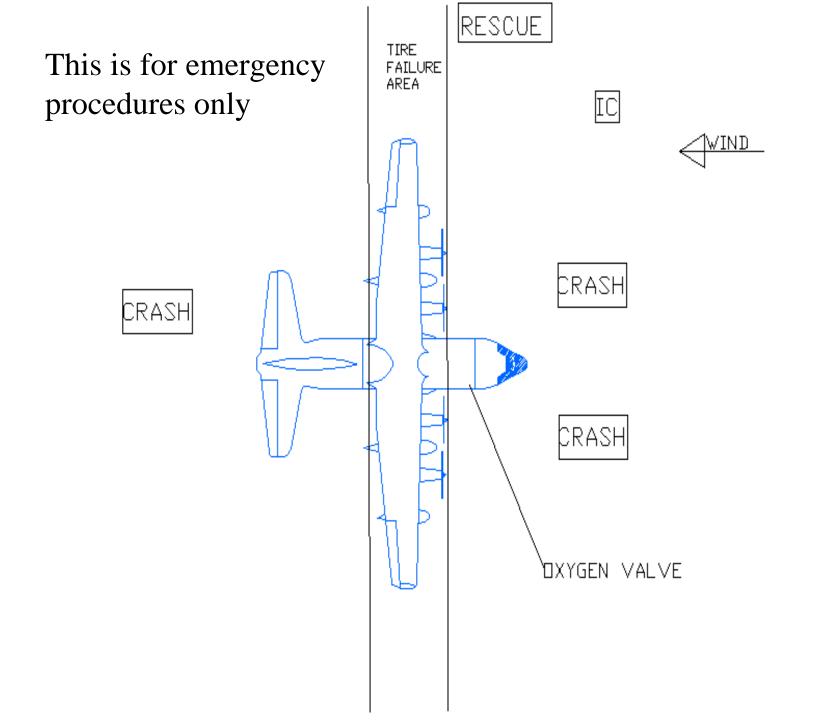




General Information
Non-Fire Fighting Systems
Fire Fighting Systems
Vehicle Operations
Operation of Accessories







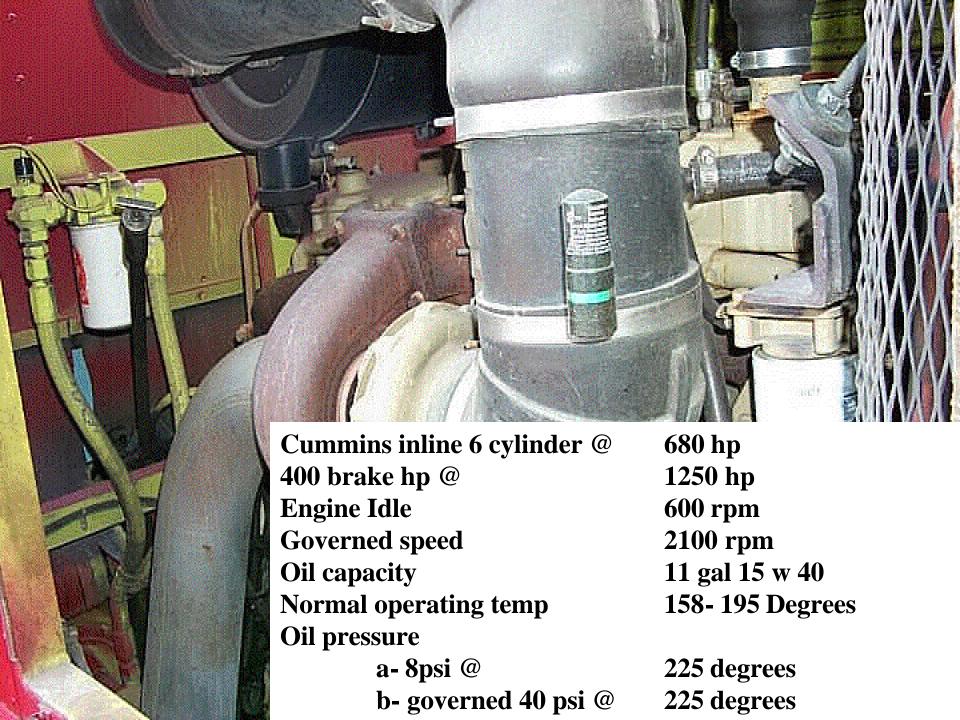


Hydraulic Reservoir

When Checking out the Engine be sure that you inspect the hoses and belts for wear and tear.









Length 325" Width 96"

Height

normal 120" 102" reduced

Chassis

MPH

Turning Radius

Wheel Base

Ground Clearance 13"

4X4 drive

0-50 in 25 sec

80'

14' - 2"

AIR GUARD FIRE DEPARTMENT

Angle of approach & departure - 30 degrees

Weight

Loaded

Unloaded 22,760 LBS

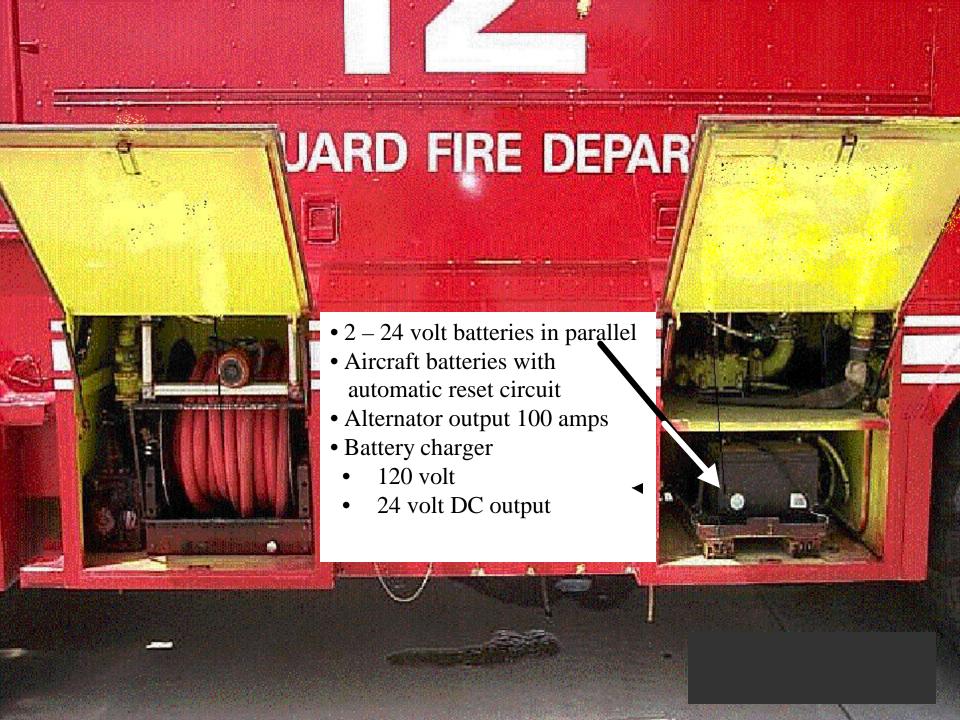
P-19 A

32,100 LBS



- 1. 5 speed automatic Allison Transmission
- 2. 8 gal oil capacity
- 3. Normal operating temperature:
 - **160-200 degrees**
 - 4. Lock-up torque converter





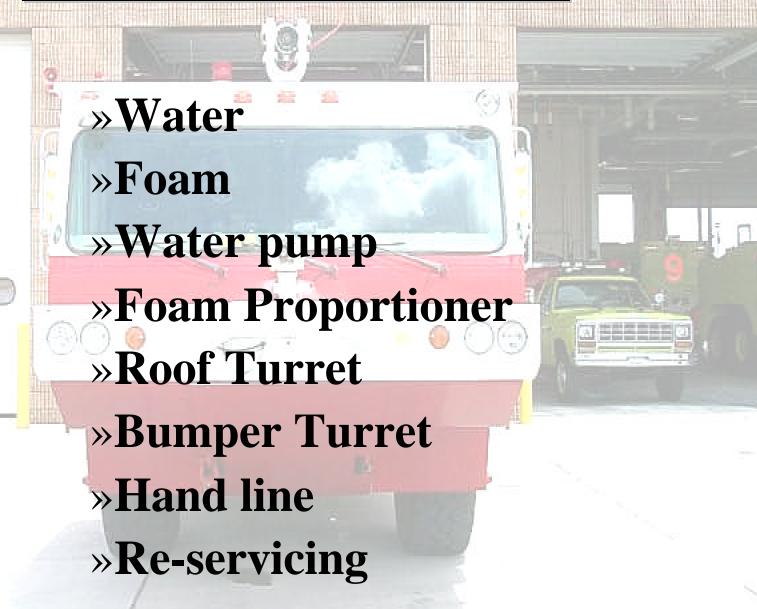






Minimum fire fighting pressure: 90 psi

Fire Fighting Systems



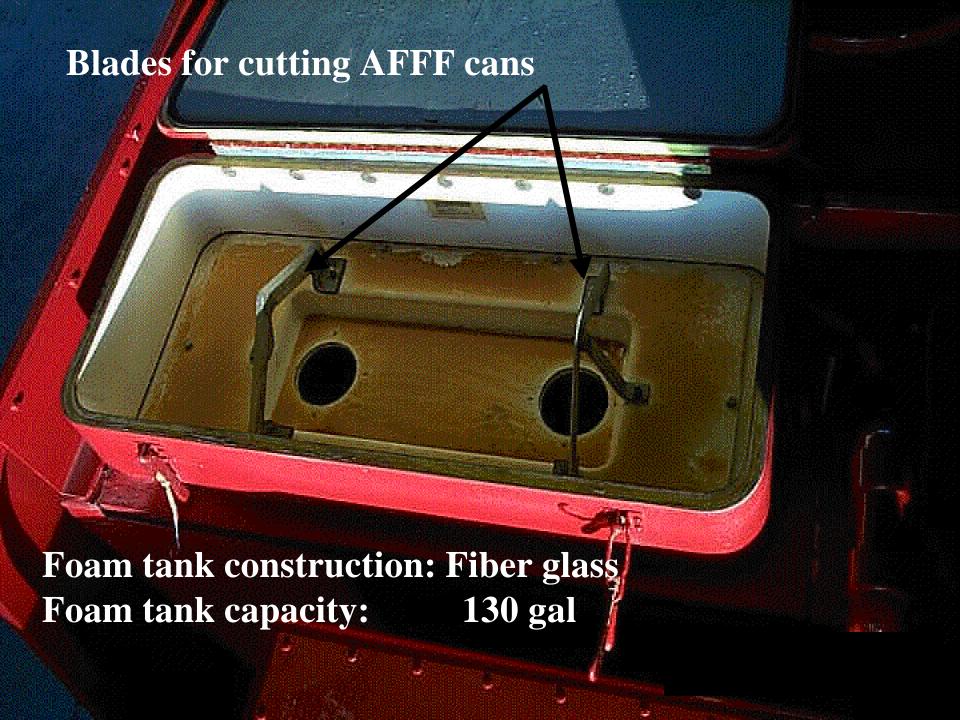






Caution

Do NOT exceed 100 psi during filling operations from a hydrant



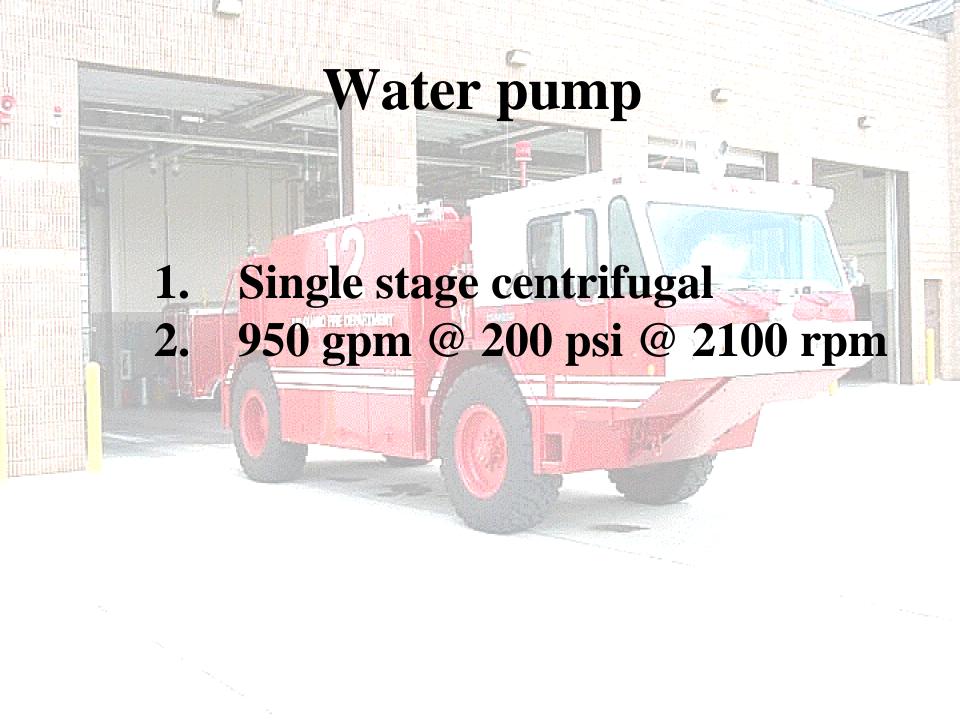


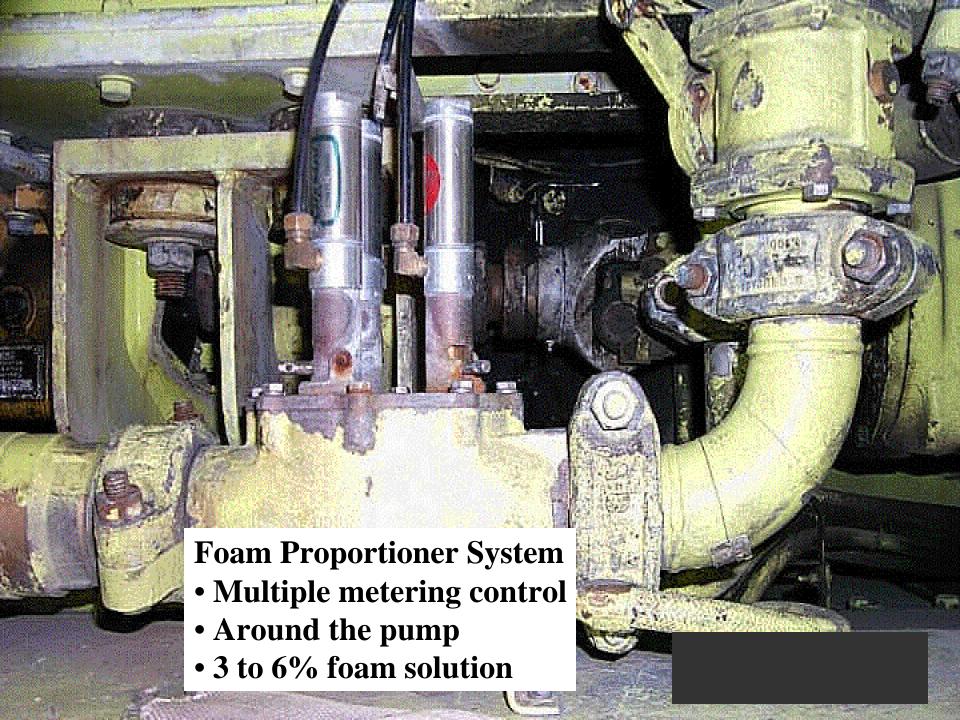
Caution

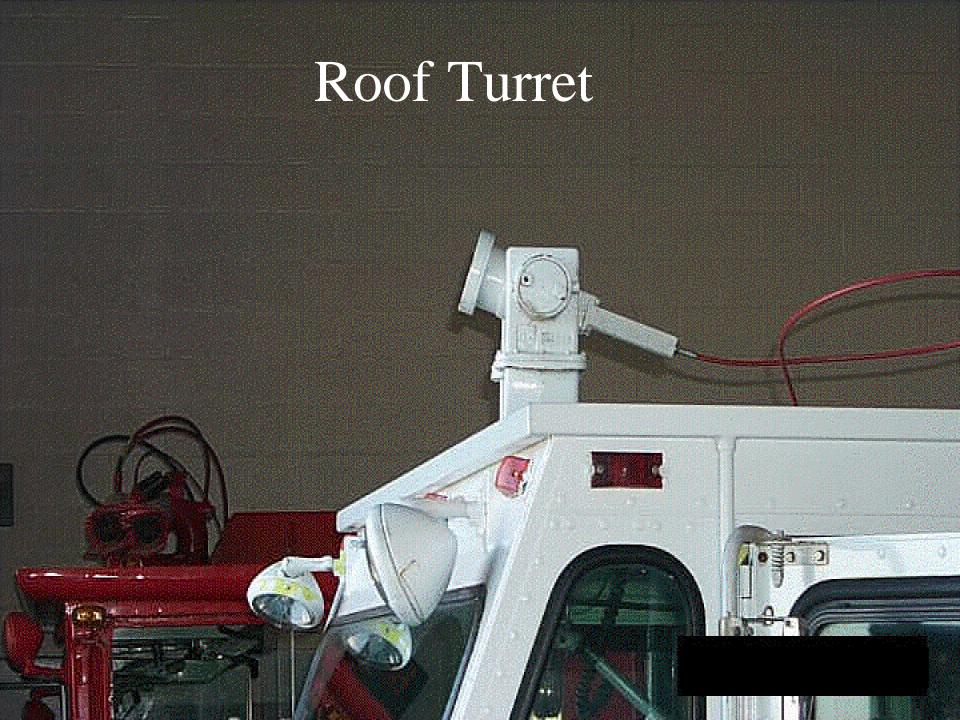
Do NOT exceed 75 psi When operating the transfer pump for the foam filling operation.

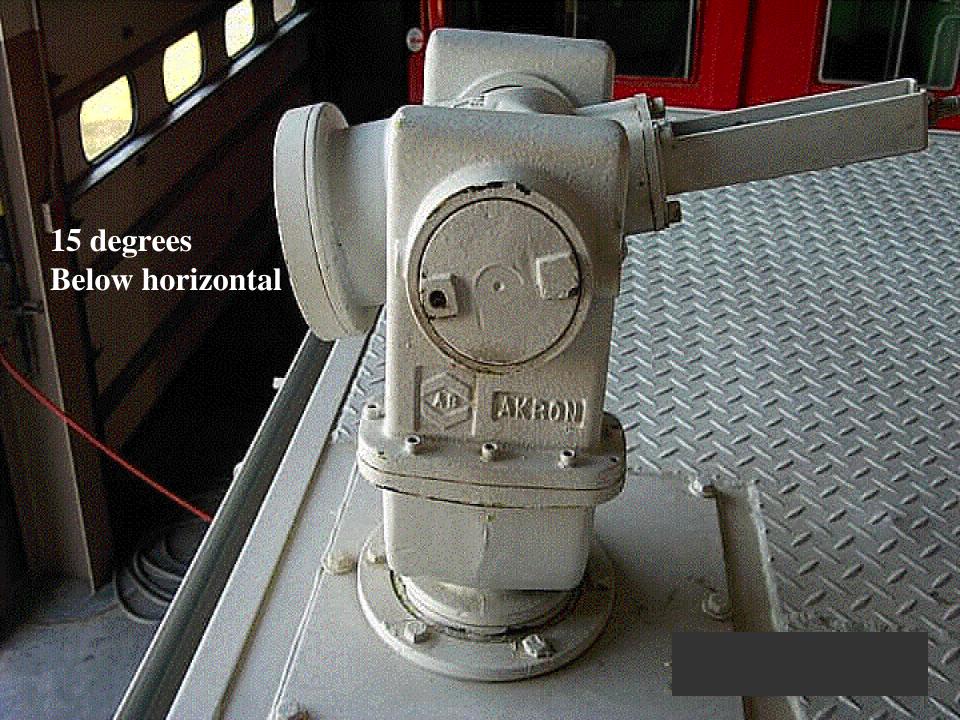


Overhead fills are located in the high bay over all vehicles

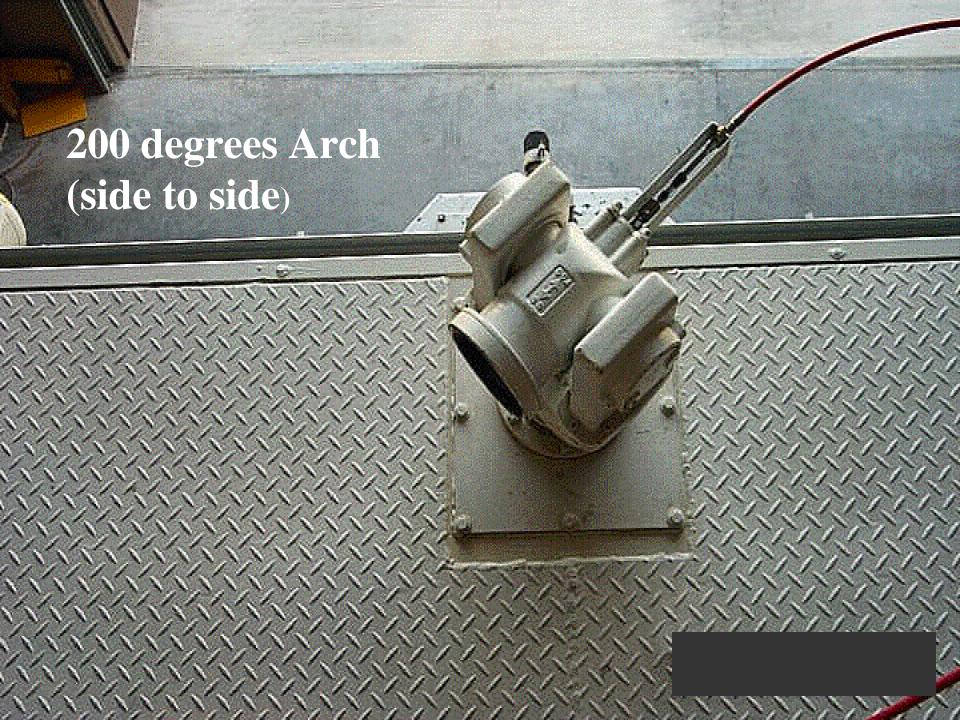








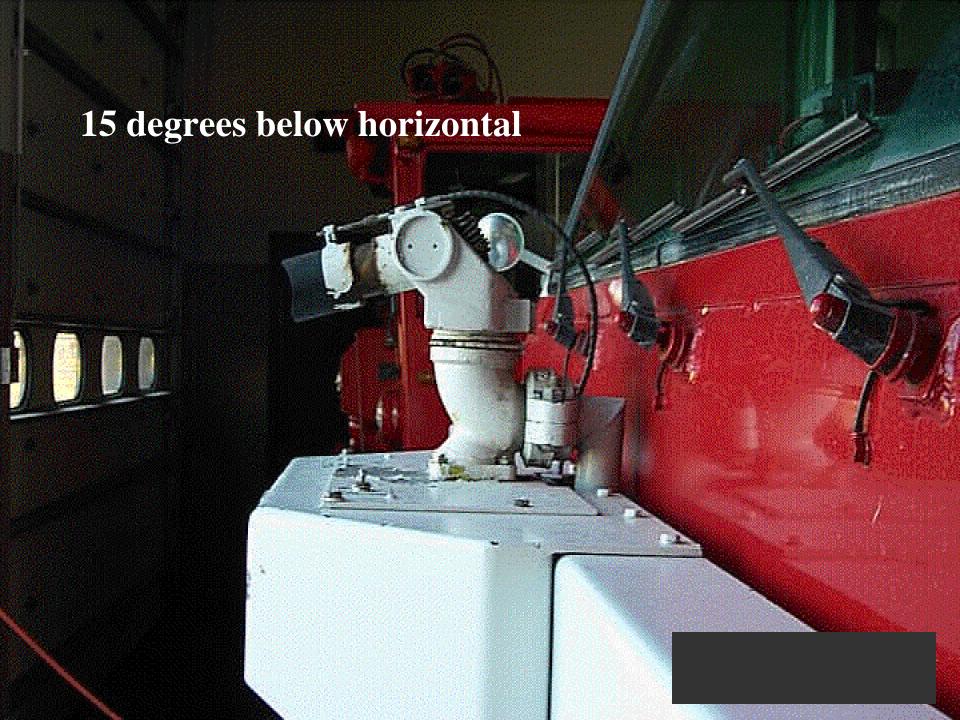


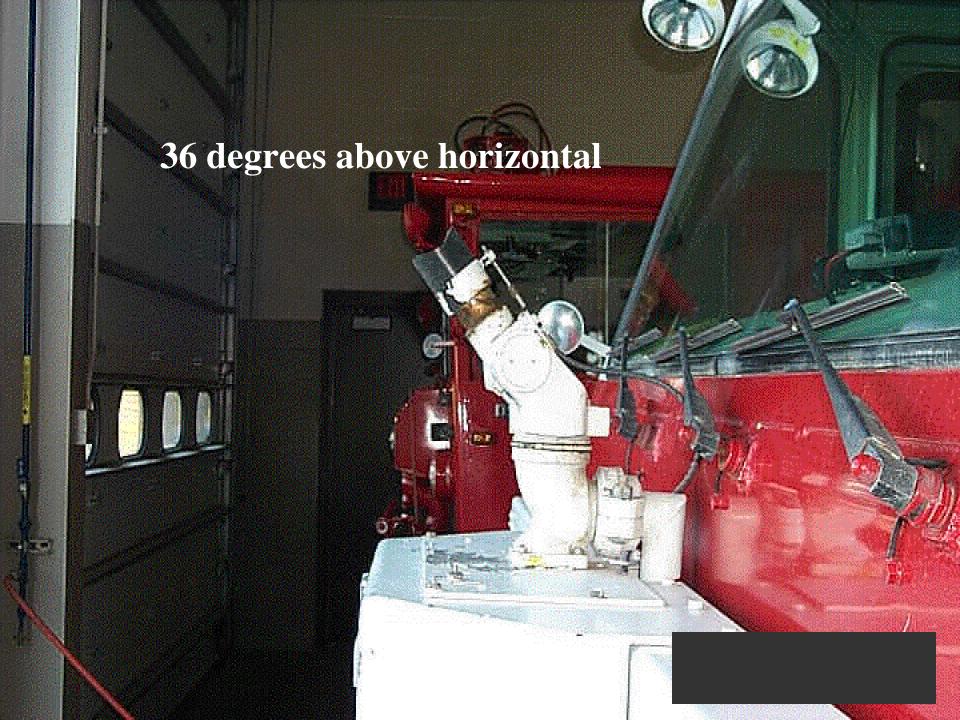




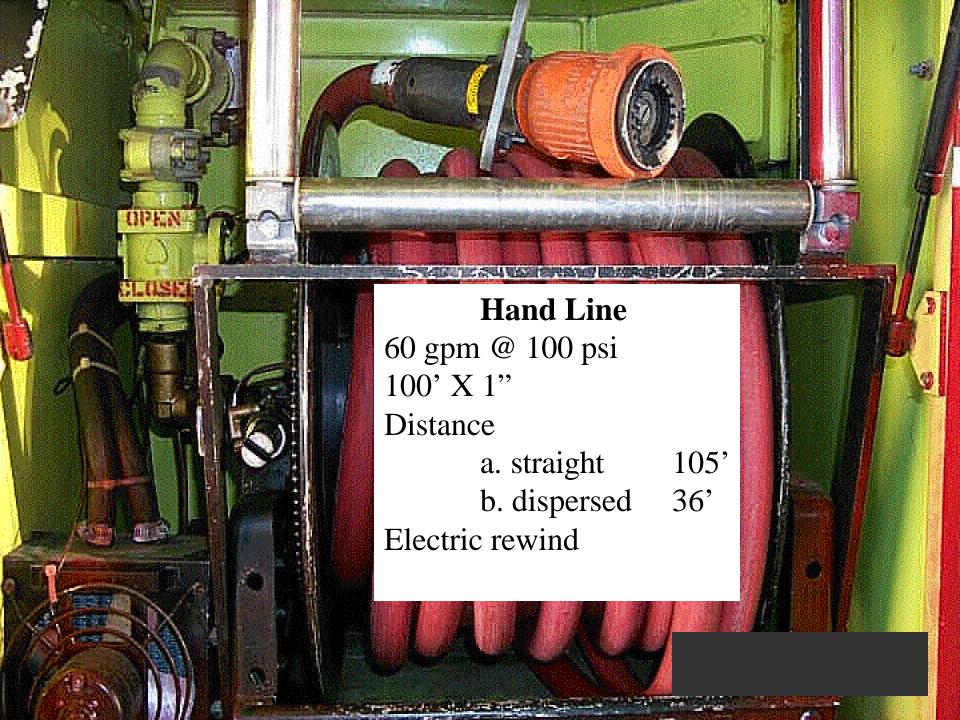














Starting the P-19

- 1- Parking brake on
- 2- Transmission in neutral
- 3- Turn master switch on
- 4- Turn ignition switch on
- 5- Engine switch hold until
- engine starts
- 6- It is necessary when
- starting the P-19 to
- accelerate engine to 1200
- rpm, to engage alternator,
- failure to do so will result
- in dead batteries
- 7- Run engine 2-5 to allow
- P-19 to warm up



Driving the Truck

- Pulling Out of the Station 2-3 MPH
- Backing into the Station-- Have a Backer
- Aircraft Set-ups
 – AFTO 88
- Modulating
- Engaging Differentials

Shut Down

- Stop Vehicle, GUARD FIRE DEPARTMENT
- Transmission to Neutral
- Idle Engine 2 -5 Minutes
- Turn-Off all lights and accessories
- Ignition Switch "OFF"
- Master Switch "OFF"



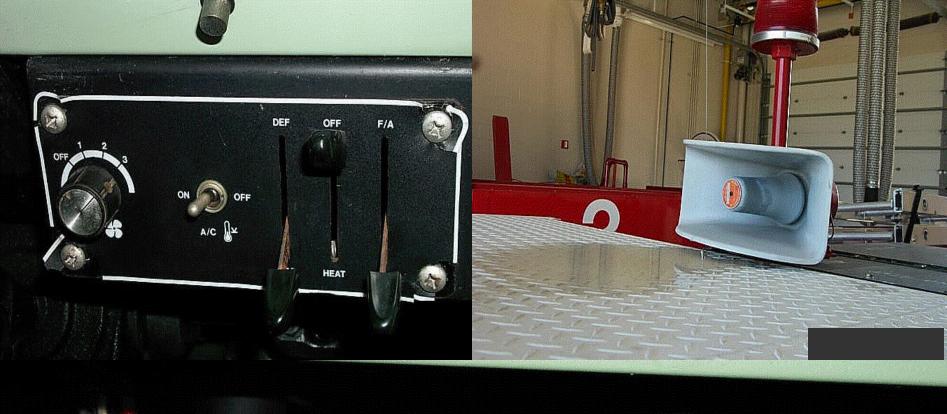


»AC/Defrost

»Siren/PA System

»Windshield coolant

»Winterization



FEDERAL SIGNAL CORPORATION

PASE

HORN

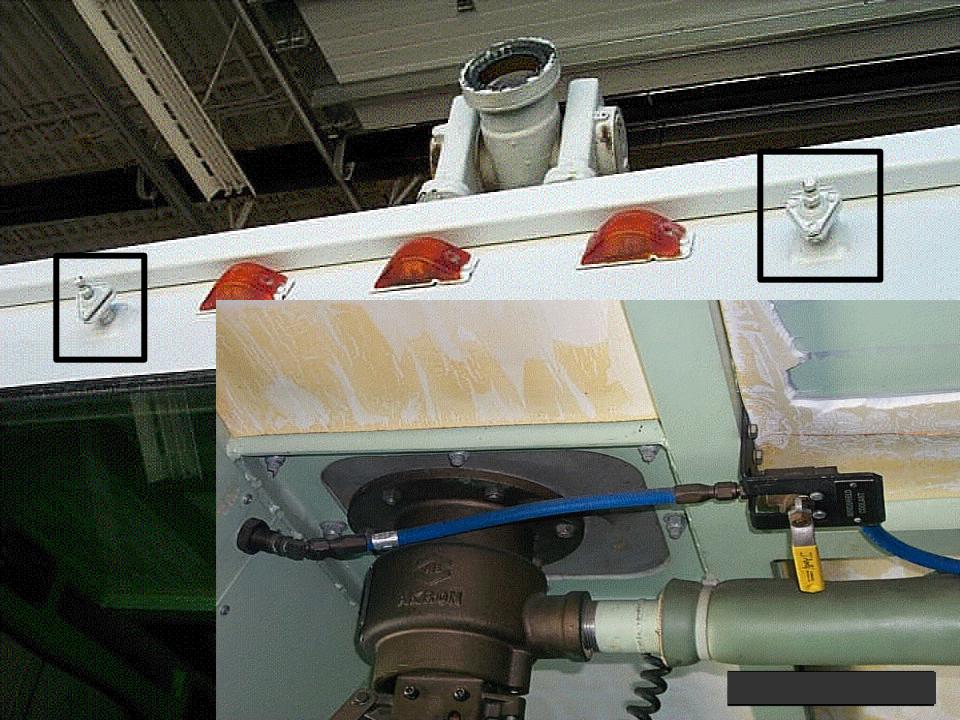
MANUAL

VELP HI-LO

GAIN

SIREN

OFF



Winterization

- 1. Check Coolant Tank Level
- 2. Booster Heater Switch "ON" Verify with indicator light
- 3. After initial ignition, Thermostat controls operation
- 4. Check Circuit Breakers if Ignition does not occur
- 5. Turn Circulating Pump "ON"
- 6. Monitor Pump Pressure/Water Temp. Gauges
 - 1. Both Should be "Green"
- 7. Shutdown
 - 1. Booster Heater "OFF"
 - 2. Circulating Pump "OFF"
- 8. System will continue to operate for 2 minutes.

The Eng

