



Driver Qualification Training

A/S32P-18 Water Distributor

Level Of Instruction: **3**

Objective:

- **To qualify the student as a Driver/Operator on the vehicle. Upon completion, the trainee will complete the written test with a minimum passing score of 80% and zero safety violations on the Qualification Drive.**

Materials Needed:

- **A/S32P-18, technical order (T.O.) 36A12-23-19-1, CEF OI 24-1, vehicle maintenance, CEF OI 32-1, emergency response on/off base, AFTO form 88's, AF form 1812, IFSTA fire department pumping apparatus/fire streams, NFPA standard 1002 fire department driver/operator vehicle qualification standards, NFPA standard 1901 motorized fire fighting apparatus and an evaluation checklist.**

1. General Information

Preventive Maintenance

- Perform routine inspection and servicing
- Determines vehicle readiness

B. Inspection Documentation

- Use appropriate AF form 1812
- Properly completes AF form including new month preparation
- Make proper notifications of noted discrepancies

C. Vehicle Safety

- Safe emergency response procedures
- Vehicle positioning on aircraft
- Stress all warnings and cautions throughout the lesson

D. Specifications

- (1) gross weight
- (2) height
- (3) width
- (4) length
- (5) ground clearance

D. Specifications

- (6) chassis
- (7) fuel
- (8) fuel capacity
- (9) turning circle

E. Engine

- (1) type
- (2) oil specification
- (3) oil capacity

F. Transmission

- Type
- Oil specification
- Oil capacity
- Normal operating temperature

Interim Summary

2. Non-fire Fighting Systems

A. Electrical System

- Alternator output
- Batteries

B. Tires

- (1) type
- (2) size
- (3) inflation pressure

C. Winterization System

Interim Summary

3. Fire Fighting System

A. Water Tank

- (1) capacity
- (2) fill connections

B. Foam Tank

- (1) capacity
- (2) fill connection

C. Water Pump

- (1) make
- (2) model
- (3) capacity

D. Foam System

E. Accessory Equipment

- (1) 5000 watt generator
- (A) type
- (B) fuel
- (2) smoke ejector

E. Accessory Equipment

- (A) make
- (B) voltage
- (C) capacity
- (3) tools & equipment

F. Hose Capacity

- (1) 1 3/4"
- (2) 2 1/2"
- (3) booster line

4. Pump Operations

Interim Summary

5. Vehicle Operation

- **A. Mid-ship controls**
- **B. Side panel controls**
- **C. Rear panel controls**
- **D. Cab controls**

E. Starting Engines

- (1) parking brake
- (2) battery selector
- (3) ignition switch

E. Starting Engines

- (4) oil pressure
- (5) ammeter
- (6) air pressure
- (7) cold weather conditions

F. Driving the Vehicle

- (1) pulling out of the station
- (2) backing into the station
- (3) facility positioning
- (4) hydrant positioning

G. Shut Down

- (1) stop vehicle
- (2) transmission to neutral
- (3) set parking brake
- (4) check all lights and accessories

G. Shut Down

- (5) depress engine stop button
- (6) ignition switch "OFF"
- (7) battery selector

Interim Summary

5. Operation of Accessories

- **A. Lighting and vision equipment**
- **B. Electric siren system**
- **C. Winterization system**
- **D. Auxiliary fire fighting equipment**

Interim Summary

6. Fire Fighting System Operation

A. Pump Panel Familiarization

B. Stationary Operation

● (1) pump

- (A) engagement
- (B) water tank
- (C) draft
- (D) hydrant

● (2) primer

● (3) relief valve

B. Stationary Operation

- (4) shutdown
- (5) post operational procedures

C. Pump and Roll

● (1) pump

- (A) engagement
- (B) water tank
- (C) draft
- (D) hydrant

● (2) primer

● (3) relief valve

C. Pump and Roll

- (4) shutdown
- (5) post operational procedures

7. Driver Qualification Training

LESSON SUMMARY:

EVALUATION:

- **Written Test - 80%, Qualification Drive - Zero Safety Errors and Satisfactory completion of Evaluation Check List.**