

Driver Trainer Outline

The Yellow Feight triple training program consists of 8 hour training per driver.
The 8 hour training is divided into four parts.

- I. Classroom
- II. Driving Skills
- III. Drop and Hook Instruction
- IV. Road Test

SUPPLEMENTAL INFORMATION
DOCKET MC-92-10-8

YELLOW FREIGHT SYSTEM TRIPLE TRAINING PROGRAM CONTENTS

1. Guidelines for implementation and training.
2. Example of training material used in triple training.
3. Video tapes recommended for classroom training.

TRIPLE TRAINING VIDEO TAPES

Hazardous Material for Road Drivers

Rollover

Safe Operation With Triples

Solving CDL (Pre-trip Inspection)

Trailer Hook-up Procedures

Rockwell Locking Differential

Eaton Ten Speed

The Critical Factor (Front Tire Blowout)

YELLOW **FREIGHT** TRIPLE TRAINING **GUIDELINES**

I. Give our Labor Department all information regarding the potential triple operation. This will allow labor time to address the program with the local unions involved.

II. Plan ahead to allow yourself enough clerical help to process the driver's records for their certification. This includes reviewing accident records, obtain motor vehicle records, filling out the individual application and submitting the material to the appropriate agency. This must be submitted on a timely basis and prepared in accordance with the agencies regulations.

III. Schedule a meeting with the agency to review your training program. This will allow the agency to review our triple operation and discuss their guidelines relevant to our operation. Several topics that you will want to discuss are:

- Routes we will be using.
- Applicable fees.
- Unusual equipment modification.
- Hazardous material.
- Drop pad operation.

Be sure to get a clear expectation as to the weather related change from a triples mode to a doubles mode. We see some agencies wanting the driver to drop the third trailer at specific drop pads in route during adverse weather where other agencies will not allow a driver on their highway in a triple combination unit during adverse weather. This must be quite clear as well as a communication link must be established with Yellow Freight **and** the agency to assure compliance with their weather program.

IV. An off highway site must be selected to be used for the driving skills training. The area selected should be large enough to allow a driver to execute left and right turns, simulated lane change and braking. The concept of skills training is to assure that we do not expose a driver to traffic situations without allowing him to first become familiar with the handling characteristic of a triple combination unit, this concept should be kept in mind during the site selection as well as when laying out the driving course.

If an off terminal site is selected, contact properties and legal before any contract is signed.

V. Equipment Maintenance should be made aware of your equipment needs for training purposes. The power units used in training will need to have a passenger seat and seat belts for the passenger installed.

Equipment Maintenance must also be made aware of the equipment needs for the full triple operation. If the agency has regulations regarding equipment send a copy to maintenance. There may be specific modifications to the equipment required. A captured fleet may have to be created for the operation.

VI. Licensing must be informed. This will allow them opportunity to assure the proper permits and tags are made available.

VII. Our drivers will be given hands on instruction in the proper method of hooking and unhooking a triple combination unit. A site must be selected that will be suitable for this instruction. The site for the driving skills can also be used for the drop and hook program. Consideration should be given to the fact that under some jurisdictions the triple unit must be hooked at a break pad before the road test can be administered. This drop pad could be a potential site for the drop and hook instruction prior to the road test.

When presenting the drop and hook instruction the administrator should emphasize the proper hook up of air lines, light cords, air flow in regards to the braking system, visual checking of 5th wheel jaws or latching mechanism and pintle hook connections. A pre-trip inspection should be demonstrated.

VIII. The classroom training consists of topics for discussion and a video presentation. The location selected should provide room for the drivers as well as a means to show videos. It is important to consider the logistics of transporting the drivers from the classroom sessions to the driving skills area. The discussion topics should consist of an explanation of the rules and regulations pertaining to triple operation. The specific agency regulations related to the driver should be discussed in detail. An important topic for discussion is the driver qualifications as well as driver disqualification. There should be a general discussion of defensive driving techniques. An example of discussion material as well as a list of recommended videos are enclosed in this package. It is also recommended that a test be administered at the finish of the classroom session.

IX. The road test is to be the last phase of the training program. The road test is to be administered by a safety supervisor who is qualified with a triple combination unit. The route of the road test must be approved by the agency you are working with. It should be at least 50 miles in length. The test is designed to allow the driver to gain experience with the triple combination unit at highway speeds. The safety supervisor will assure himself that the driver is comfortable with the triple combination unit as well as demonstrating good defensive driving habits. The driver must control the unit in a safe and professional manner. The safety supervisor will use the same criteria for failure that is used in the Yellow Freight new hire road test. If at anytime the drivers does not handle the unit in a safe manner, the safety supervisor will drive the unit. The power unit should be equipped with a passenger seat, seat belts for the passenger as well as some form of radio communication. The road test should be coordinated with the regulatory agency: some will require notice of each test. The test units and drivers are not certified while in the training situation a temporary permit may be issued. Cooperation with the regulatory agencies is critical for a successful and timely training program.

X. Upon completion of the 8 hours training each driver's records and/or application for certification should be given to the agency. This will allow them to process the drivers paperwork and certify. A document stating that our drivers have completed the 8 hour triple training should be placed in his file.

Training Curriculum Outline (Ohio/Indiana Example)

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TRIPLE TRAINING VIDEO TAPES

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DRIVER QUALIFICATIONS

OHIO

AGE: Over 26 years of age
EXPERIENCE: Not less than 5 years provable experience in driving semi-trailer or tandem trailer in all seasons.

REJECTED IF:

Driver has been convicted of an offense involving a controlled substance or driving while intoxicated or drugged.

SUSPENSION

Drivers license has been suspended more than twice in the past 3 years.

POINTS

Record of major traffic violations shows more than 3 points in 2 years or 5 points in 3 years.

ACCIDENTS

Record of preventable accidents shows more than 2 within a 3 year period or more than 2 accidents in 2 years while operating either a commercial or noncommercial vehicle.

INDIANA

AGE: less than 26 years of age.
EXPERIENCE: Not less than 5 years provable experience in driving semi-trailer or tandem trailer in all seasons.

REJECTED IF:

License has been revoked more than once in the past 10 years.

SUSPENSION

Drivers license has been suspended more than twice in the past 10 years.

POINTS

Record of major traffic violations shows more than 5 points in the past 2 years or 7 points in the past 3 years.

ACCIDENTS

Record of preventable accidents shows more than 2 within the past 5 years or more than 1 in the past 2 years on the toll road or more than 2 in past 2 years off the toll road. in any case, the maximum total is 2 in the past 2 years.

IMPORTANCE OF JOB

Trial period. Importance of doing everything correctly.

Talk about other states.

People observing us - Competition, general public.)

Tractors - Licensed tractors only. Permit on cab card.
(No fleet tractors.)

Toll Road - Be conversant with the toll road commission rules and regulations.

Passing - When passing, keep the following items in mind:

Is it necessary?

Is it legal?

Can it be done safely?

If necessary, do you have enough space?

Check rear for overtaking vehicles.

Signal your intentions (Min. 100 ft. pulling out & returning.)

Complete passing maneuver as soon as possible.

Give audible or visual signals.

Don't crowd the vehicles you want to pass.

Check right mirror often when passing.

Don't cut off other vehicles when returning to right lane.

Toll Road Authority States:

Trailer combinations may pass vehicle traveling in the same direction only if the speed differential will allow the trailer combination to complete the maneuver and return to the normal driving lane within a distance of one (1) mile.

Trailer combinations shall not pass another vehicle traveling the same direction within one (1) of any service area or interchange.

Spacing

Toll Road Authority States:

A minimum distance of five hundred (500) feet shall be maintained under normal conditions between trailer combinations and a vehicle traveling in front of it in the same travel lane, except when passing occurs.

Mirrors and Eye Movement:

Importance on using the mirrors, five to eight seconds is because of the additional equipment and length and to be continually on top of the overall seeing job. (Heated mirrors)

Mechanical Problems:

Perform all described Pre-trip/Post trip and unit or safety checks.

Check instruments often. Primary gauges: air, oil water, and speedometer.

Expect the unexpected: Blowout, brake failure, light failure excessive play in steering, loss of power, fire, loss of air. Lack of confidence, overconfidence, fear of equipment, nervousness.

Courtesy On The Highways:

Company image - Being observed by other people.. Eliminate accidents. Speeding, etc.

Consideration of other motorists.

DON'TS:

Make sudden or erratic movements.

Cut in too quickly when passing (Remember, our unit is 100 feet long!)

Make sudden stops.

SPEED AND SPEED LIMITS

Maximum posted (no speeding)

Minimum (know your state laws)

Always obey all posted speed regulations.

Toll Road Authority States:

Trailer combinations shall comply with existing speed regulations. A minimum speed of ~~forty-five~~ (45) miles per hour must be maintained on the toll road under normal conditions, except on entry and exit ramps.

STEERING WHEEL:

Correct use: Left hand between 8 and 10 position and right hand between 2 and 4.

Maximum control in the event of a front tire failure.
"Remember" 100,000 pounds gross weight!"

There are two instances when **only** one hand would be on the wheel. These are shifting gears and engaging the turn signals.

NIGHT DRIVING AND DISTRACTIONS

- Lack of visibility.
- Failing to use high beams when necessary.
- Possibility of fog.
- Bridges freezing at night.
- Glare:

Dirty windshields & mirrors

Distraction from dash or dome lights.

High beams in fog.

Lighting a cigarette.

POLICE INSPECTIONS

Toll Road Authority States:

Trailer combinations are subject to inspection by a police officer prior to initial movement by any newly authorized company. The inspection is designed to instruct drivers in the proper use of make-up and break-up areas and to satisfy the department that the equipment meets the qualifications set forth in this section. Spot checks of trailer combinations may be made periodically at the discretion of any police officer.

MAXIMUM WEIGHT LIMITS

Gross 115,000

LANE USAGE AND LANE MARKINGS

Must use the right lane except when passing. Center vehicle in lane of travel. Be alert to pavement lane markings. Check mirrors for verification.

SAFE HIGHWAY OPERATION FOR TRIPLES

Physically and mentally conditioned to prevent accidents. Recognize changing weather and road conditions. Know your equipment and its characteristics. Correct position of hands for maximum control.

ACCIDENT PRODUCING SITUATIONS AND PREVENTIONS:

- Stopped or parked vehicles.
- Stationary objects.
- Sudden stops by others.
- Erratic movements by other drivers.
- Animals
- Weather and road conditions: Change of temperature, rain, snow, ice, sleet, rough roads, fresh oil on road surfaces, construction areas, pavement conditions and ice on bridges.
- Lack of visibility: Snow, fog, smoke.
- Tailgaters
- Motorcycles, campers, material haulers, pedestrians, **"Get the Big Picture."**
- Mental and physical conditions.

Pre-Trio Check List

A check list furnished by the Toll Road Commission, shall be completed and signed by the driver prior to departure from the assembly area. The signed check list shall be carried during the entire trip and shall be available for inspection by any police officer or employee of the Toll Road Commission.

Suspension

The Toll Road Commission reserves the right to revoke or suspend driver certificate at any time for any reason.

Driver certification must be renewed annually.

Assembly Area

Assembly areas are not to be used for extended parking. Four hours is maximum time allowed for trailer or tractor parking.

Service Plaza

Parking in service plazas are limited in both area and ability to accommodate long units, triples may not stop at services plazas for more than 30 minutes and should not congregate in plazas.

Triple Certification Cards

Triples must be driven only by drivers certified by the Toll Road Commission. Drivers must carry identification cards issued by the commission and be able to produce them when requested by any police officer, toll collector or administrative employee of the Toll Road Commission.

Weather

Triple operations will be temporarily suspended by the commission or Yellow Freight when road, weather or traffic conditions so warrant.

Federal Regulations

Drivers must comply with requirements of the Federal Motor Carrier Safety Regulations as well as Federal Hazardous Material Regulations.

Hazardous Material

Transportation in triples is prohibited of class A and B explosives, class A poisons, and class I, 2, and 3 radioactive material. We can transport two placard trailers in a triple combination unit.

CVE Drop Pad

Between the hours of 7:00 AM to 9:00 AM and between 4:00 PM to 6:00 PM, Monday thru Friday, no triple combination units will be allowed to enter or exit the CVE terminal. During these hours the drop pad must be used.

KNOWLEDGE QUIZ FOR TRIPLES

1. What is the maximum gross weight of a triple combination unit?
2. What is the maximum gross weight of a **double** combination unit?
3. What is the minimum following distance of the triple combination units on the interstate or tollroads?
4. When may the operation of triple combination units be suspended?
By whom?
5. Explain the guidelines you should follow during a passing maneuver?
6. Explain the D.O.T. requirements for placing warning devices on a four lane, divided highway.
7. List the 7 step method recommended for use in the pre-trip inspection.
 - a. What is the minimum allowed speed on the traffic lanes of the tollroad?
9. What are the qualifications necessary to drive triple combination units?
10. What is the importance of the post-trip inspection? (OD 199)

KNOWLEDGE QUIZ FOR TRIPLES

Answer Sheet

1. 115,000 pounds
2. 80,000 pounds
3. 500 feet
4. Severe weather, heavy holiday traffic or unfavorable road conditions. **Tollroad** and Interstate Commission and their representatives and Yellow Freight Management.
5. A) The **triple** combination must complete the maneuver and return to the normal driving lane within a distance of one mile.
B) Shall not pass another vehicle traveling in the same direction within one mile of a service area or an interchange.
6. 10 feet, 100 feet and 200 feet to the rear of the vehicle and no more than 500 feet from a curve on the crest of a **hill**.
7.
 - 1) Vehicle overview
 - 2) Engine **compartment**
 - 3) Cab inspection
 - 4) Lights
 - 5) Walkaround inspection
 - 6) Signal lights
 - 7) Brake system
8. 45 MPH
9. 26 years of age
5 years of verifiable experience driving semi trailer or tandem trailer vehicles
10. To correct any problem found on vehicles to assure **a** safe operation.

YELLOW FREIGHT SYSTEM, INC.

THIS IS TO CERTIFY THAT _____ HAS
(Name)

TAKEN AND PASSED THE EIGHT (8) HOUR TRIPLES COURSE PRESENTED BY

YELLOW FREIGHT SYSTEM, INC. ON _____
(Date)

SAFETY SUPERVISOR