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Multi - State Highway Transportation Agreement States

TRUCK SIZE AND WEIGHT INFORMATION

Excerpts From Federal Law (23 USC 127)
and
Excerpts From the Final Rule

by

Federal Highway Administration
June 13, 1994 (59 FR 30392)

Implementing the 1991 LCV Freeze

Arizona - Colorado - Idaho - Montana - Nevada
New Mexico - Oregon - Utah - Washington - Wyoming

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EXCERPTS FROM FEDERAL LAW (23 USC 127) - DECEMBER 18, 1991

(Revised as of April 1, 2001)

Operation of Longer Combination Vehicles - Section 127 of such title is amended by adding at the end of the following new subsection:

(d) Longer combination vehicles. -

(1) Prohibition. -

(A) General continuation rule. - A longer combination vehicle may continue to operate only if the longer combination vehicle configuration type was authorized by State officials pursuant to State statute or regulation conforming to this section and in actual lawful operation on a regular or periodic basis (including seasonal operations) on or before June 1, 1991, or pursuant to section 335 of the Department of Transportation and Related Agencies Appropriations Act, 1991 (104 Stat. 2186).

(B) Applicability of State laws and regulations. - All such operations shall continue to be subject to, at the minimum, all State statutes, regulations, limitations and conditions, including, but not limited to, routing-specific and configuration-specific designations and all other restrictions, in force on June 1, 1991; except that subject to such regulations as may be issued by the Secretary pursuant to paragraph (5) of this subsection, the State may make minor adjustments of a temporary and emergency nature to route designations and vehicle operating restrictions in effect on June 1, 1991, for specific safety purposes and road construction.

(C) Wyoming. - In addition to those vehicles allowed under subparagraph (A), the State of Wyoming may allow the operation of additional vehicle configurations not in actual operation on June 1, 1991, but authorized by State law not later than November 3, 1992, if such vehicle configurations comply with the single axle, tandem axle, and bridge formula limits set forth in subsection (a) and do not exceed 117,000 pounds gross vehicle weight.

(E) Alaska. - In addition to vehicles which the State of Alaska may continue to allow to be operated under subparagraph (A), such State may allow the operation of longer combination vehicles which were not in actual operation on June 1, 1991, but which were in actual operation prior to July 5, 1991.

EXCERPTS FROM THE FINAL RULE BY FHWA IMPLEMENTING THE FREEZE PUBLISHED ON JUNE 13, 1994 (59 FR 30392) (Revised April 1, 2001)

**TRUCKS OVER 80,000# ON INTERSTATE SYSTEM & STAA LENGTHS ON NN
§ 658.5 Definitions.**

"Cargo-carrying unit" - As used in this part, cargo-carrying unit means any portion of a commercial motor vehicle (CMV) combination (other than a truck tractor) used for the carrying of cargo, including a trailer, semi-trailer, or the cargo-carrying section of a single-unit truck.

"Longer combination vehicle" (LCV) - As used in this part, longer combination vehicle means any combination of a truck tractor and two or more trailers or semi-trailers which operates on the Interstate System at a gross vehicle weight greater than 80,000 pounds.

1- STATE: ALASKA

COMBINATION: Truck tractor and 2 trailing units

LENGTH OF THE CARGO-CARRYING UNITS: 95 ft

OPERATIONAL CONDITIONS:

WEIGHT: The combination must begin compliance with State laws and regulations. There are no highways in the State subject to Interstate System weight limits. Therefore, the ISTEA freeze as it applies to maximum weight is not applicable.

VEHICLE: Combinations with an overall length greater than 76 feet, measured bumper to bumper, must display an "OVERSIZE" warning sign on the front and rear.

PERMIT: None required.

ACCESS: Alaska allows reasonable access not to exceed 5 miles to reach or return from terminals and facilities for food, fuel, or rest.

2- STATE: ALASKA

COMBINATION: Truck tractor and 3 trailing units

LENGTH OF THE CARGO-CARRYING UNITS: 110 feet

OPERATIONAL CONDITIONS: WEIGHT and ACCESS: Same as the AK--TT2 combination.

1- STATE: ARIZONA

COMBINATION: Truck tractor and 2 trailing units--LCV

LENGTH OF THE CARGO-CARRYING UNITS: 95 feet

MAXIMUM GROSS VEHICLE WEIGHT: 129,000 pounds I-15

OPERATIONAL CONDITIONS:

WEIGHT: Single-axle maximum weight limit is 20,000 pounds, tandem axle maximum weight limit is 34,000 pounds, and the gross vehicle weight limit is 111,000 pounds, subject to the Federal Bridge Formula.

VEHICLE: This vehicle must be able to operate at speeds compatible with other traffic on level roads and mountain 20 miles per hour speed on grades where operated.

PERMITS: Permits are required. Fees are charged.

ACCESS: Access is allowed for 20 miles from I-15 Exits 8 and 27 or 20 miles from other authorized routes.

ROUTES: I-15 from Nevada to Utah; US 89 from 20 miles south of Utah to Utah; US 160 from US 163 to New Mexico; and US 163 from US 160 to Utah.

2- STATE: ARIZONA

COMBINATION: Truck tractor and 3 trailing units--LCV

LENGTH OF THE CARGO-CARRYING UNITS: 95 feet

MAXIMUM ALLOWABLE GROSS WEIGHT: 129,000 pounds I-15

OPERATIONAL CONDITIONS:

VEHICLE and ACCESS: Same as the AZ-TT2 combination.

WEIGHT: Single axle maximum weight limit is 20,000 pounds, tandem axle maximum weight limit is 34,000 pounds, and the gross vehicle weight limit is 123,500 pounds, (129,000 pounds, I-15) subject to the Federal Bridge Formula.

PERMIT: Permits are required. Fees are charged.

ROUTES: Same as the AZ-TT2 combination.

3- STATE: ARIZONA

COMBINATION: Truck-semi trailer-trailer.

LENGTH OF THE CARGO-CARRYING UNITS: 98 feet

OPERATIONAL CONDITIONS:

WEIGHT: This combination must operate in compliance with State laws and regulations. Because it is not an LCV, it is not subject to the ISTEA freeze as it applies to maximum weight.

1- STATE: COLORADO

COMBINATION: Truck tractor and 2 trailing units--LCV

LENGTH OF THE CARGO-CARRYING UNITS: 111 feet

MAXIMUM ALLOWABLE GROSS WEIGHT: 110,000 pounds

OPERATIONAL CONDITIONS:

WEIGHT: The maximum gross weight is 110,000 pounds, subject to the formula $W=800(L+40)$ where "W" equals the gross weight in pounds and "L" equals the length in feet between the centers of the first and last axles, or the gross weight determined by the Federal Bridge Formula, whichever is least. A single axle shall not exceed 20,000 pounds and a tandem axle shall not exceed 36,000 pounds.

VEHICLE: Vehicles shall not have fewer than six axles or more than nine axles.

PERMIT: An annual permit is required for which a fee is charged.

ACCESS: A vehicle shall not be operated off the designated portions of the Interstate System except to access food fuel, repairs, and rest or to access a facility. Access to a facility shall be subject to conditions.

ROUTES: I-12 from New Mexico to Wyoming; I-70 from Utah to I-70 Exit 90 Rifle; I-70 from I-70 Exit 259 Golden, to Kansas; I-76 from Jct. I-70 to Nebraska; I-225 from Jct. I-25 to Jct. I-70; and I-270 from Jct. I-76 to Jct. I-70.

2- STATE: COLORADO

COMBINATION: Truck tractor and 3 trailing units—LCV

LENGTH OF THE CARGO CARRYING UNITS: 115.5 feet

MAXIMUM ALLOWABLE GROSS WEIGHT: 110,000 pounds

OPERATIONAL COMBINATIONS: Same as the CO-TT2 combination.

ROUTES: Same as the C-TT2 combination.

1- STATE: IDAHO

COMBINATION: Truck tractor and 2 trailing units—LCV

LENGTH OF THE CARGO-CARRYING UNITS: 95 feet

MAXIMUM ALLOWABLE GROSS WEIGHT: 105,500 pounds

OPERATIONAL CONDITIONS:

WEIGHT: Single axle: 20,000 pounds, tandem axle: 34,000 pounds, and gross vehicle weight up to 105,500 pounds.

VEHICLE: The rules provide that all CMV's with two or more cargo-carrying units (except for truck-trailer combinations which are limited to an 85-foot combination length) are subject to calculated maximum off-tracking (CMOT) limits.

PERMIT: Permits are required. Permit duration is for 1 year from the date of issuance.

ACCESS: Combinations with a CMOT limit of less than 6.5 feet may use any Interstate or designated highway system interchange for access.

ROUTES: All NN routes.

2- STATE: IDAHO

COMBINATION: Truck tractor and 3 trailing units—LCV

LENGTH OF THE CARGO-CARRYING UNITS: 95 feet

MAXIMUM ALLOWABLE GROSS WEIGHT: 105,500 pounds

OPERATIONAL CONDITIONS: Same as the ID-TT2 combination.

ROUTES: Same as the ID-TT2 combination.

3- STATE: IDAHO

COMBINATION: Truck-trailer

LENGTH OF THE CARGO-CARRYING UNITS: 78 feet

OPERATIONAL CONDITIONS:

WEIGHT: This combination must operate in compliance with State laws and regulations. Because it is not an LCV, it is not subject to the ISTEA freeze as it applies to maximum weight.

VEHICLE: Overall combination length limited to 85 feet.

ROUTES: Same as the ID-TT2 combination.

4- STATE: IDAHO

COMBINATION: Truck-trailer-trailer, and Truck-semi-trailer-trailer.

LENGTH OF THE CARGO-CARRYING UNITS: 98 feet

OPERATIONAL CONDITIONS:

WEIGHT: This combination must operate in compliance with State laws and regulations. Because it is not an LCV, it is not subject to the ISTEA freeze as it applies to maximum weight.

VEHICLE: Overall combination length limited to 106 feet.

ROUTES: Same as the ID-TT2 combination.

1- STATE: MONTANA

COMBINATION: Truck tractor and 2 trailing units—LCV

LENGTH OF CARGO-CARRYING UNITS: 93 feet

MAXIMUM ALLOWABLE GROSS WEIGHT: 137,800 pounds MT to Alberta; others 131,600 pounds

OPERATIONAL CONDITIONS:

WEIGHT: Maximum single-axle limit: 20,000 pounds Maximum tandem-axle limit: 34,000 pounds Maximum gross weight is based upon application of the Bridge Formula Maximum weight allowed per inch of tire width is 600 pounds.

WEIGHT, MONTANA/ ALBERTA MOU: Maximum single-axle limit: 20,000 pounds Maximum tandem-axle limit: 37,500 pounds Maximum tridem-axle limit:
VEHICLE: No special requirements beyond compliance with Federal Motor Carrier Safety Regulations.
PERMIT: Special permit required for double trailer combinations if either trailer exceeds 28.5 feet.
ACCESS: Access must be authorized by the Montana DOT.
ROUTES: Combinations with a cargo-carrying length greater than 88 feet, but not more than 93 feet, are limited to the Interstate System.

2- STATE: MONTANA

COMBINATION: Truck tractor and 3 trailing units--LCV

LENGTH OF THE CARGO-CARRYING UNITS: 100 feet

MAXIMUM ALLOWABLE GROSS WEIGHT: 131,060 pounds

OPERATIONAL CONDITIONS:

WEIGHT: Any vehicle carrying a divisible load over 80,000 pounds must comply with the Federal Bridge Formula. Maximum single-axle limit: 20,000 pounds Maximum tandem-axle limit: 34,000 pounds; Maximum gross weight is based upon application of the Bridge Formula. Maximum weight allowed per inch of tire width is 600 pounds.

VEHICLE: The combined trailer length may not exceed 95 feet.

PERMIT: Special triple vehicle permits are required for the operation of these combinations.

ACCESS: Access is for 2 miles beyond the Interstate System.

ROUTES: Interstate System routes in the State.

3- STATE: MONTANA COMBINATION: Truck-Trailer

LENGTH OF CARGO-CARRYING UNITS: 88 feet

OPERATIONAL CONDITIONS:

WEIGHT: This combination must operate in compliance with State laws and regulations. Because it is not an LCV, it is not subject to the ISTEA freeze as it applies to maximum weight.

VEHICLE: Same as the MT-TT2 combination, except overall length" limited to 95 feet.

PERMIT: Special permit required if overall length exceeds 75 feet.

ROUTES: Same as the MT-TT2 combination.

4- STATE: MONTANA

COMBTNATION: Truck-trailer-trailer

LENGTH OF THE CARGO-CARRYING UNITS: 103 feet

WEIGHT: This combination must operate in compliance with State laws. Because it is not an LCV, it is not subject to the ISTEA freeze as it applies to maximum weight.

VEHICLE: The cargo-carrying unit length is 103 feet with a conventional truck within a 110-foot overall length limit, and 98 feet with a cab-over-engine truck within a 105-foot overall length limit. On two-lane highways the cargo-carrying unit length is 88 feet within a 95-foot overall length limit.

ROUTES: All NN routes except U.S. 87 between mileposts 79.3 and 82.5.

1- STATE: NEVADA

COMBINATION: Truck tractor and 2 trailing units - LCV

LENGTH OF THE CARGO-CARRYING UNITS: 95 feet

MAXIMUM ALLOWABLE GROSS WEIGHT: 129,000 pounds

OPERATIONAL CONDITIONS:

WEIGHT: The single-axle weight limit is 20,000 pounds, the tandem-axle weight limit is 34,000 pounds, and the gross weight is subject to the Federal Bridge Formula.

VEHICLE: No trailer may be longer than 48 feet. If one trailer is 48 feet long, the other trailer cannot exceed 42 feet.

PERMIT: Permits are required and a fee is charged.

ACCESS: As authorized by the Nevada DOT.

ROUTES: All NN routes, except US 93 from Nevada State route 500 to Arizona.

2- STATE: NEVADA

COMBINATION: Truck tractor and 3 trailing units--LCV

LENGTH OF THE CARGO-CARRYING UNITS: 95 feet

MAXIMUM ALLOWABLE GROSS WEIGHT: 129,000 pounds

OPERATIONAL CONDITIONS: Same as the NV-TT2 combination.

ROUTES: Same as the NV-TT2 combination.

3- STATE: NEVADA

COMBINATION: Truck-trailer and Truck-trailer-trailer

LENGTH OF THE CARGO-CARRYING UNITS: 98 feet

OPERATIONAL CONDITIONS:

WEIGHT: This combination must operate in compliance with State laws and regulations. Because it is not an LCV, it is not subject to the ISTEA freeze as it applies to maximum weight.

VEHICLE and ACCESS: Same as the NV-TT2 combination.

PERMITS: Same as the NV-TT2 combination

ROUTES: Same as the NV-TT2 combination.

1- STATE: NEW MEXICO

COMBINATION: Truck tractor and 2 trailing units—LCV

LENGTH OF THE CARGO-CARRYING UNITS: Not applicable

MAXIMUM ALLOWABLE GROSS WEIGHT: 86,400 pounds

OPERATIONAL CONDITIONS: The cargo-carrying length restriction does not apply to this combination. The length of each trailing unit is limited to 28.5 feet. The 86,400 pound gross weight limit is grandfathered for New Mexico.

WEIGHT: Single axle = 21,600 pounds. Tandem axle = 34,200 pounds. Load per inch of tire width = 600 pounds. The total gross weight with load imposed on the highway by any vehicle or combination of vehicles where the distance between the first and last axles is less than 19 feet shall not exceed that given for the respective distances set out in a table.

Distance in feet between first and last axles of group and allowed loads in pounds

8	37,440	9	38,220	10	39,000	11	39,780
12	40,560	13	41,340	14	42,120	15	42,900
16	43,680	17	44,460	18	45,240		

The total gross weight with load imposed on the highway by any vehicle or combination of vehicles where the distance between the first and last axles is 19 feet or more shall not exceed that given for the respective distances in the following table:

Distance in feet between first and last axles of group and allowed loads in pounds

19	53,100	20	54,000	21	54,900	22	55,800
23	56,700	24	57,600	25	58,500	26	59,400
27	60,300	28	61,200	29	62,100	30	63,000
31	63,900	32	64,800	33	65,700	34	66,600
35	67,500	36	68,400	37	69,300	38	70,200
39	71,100	40	72,000	41	72,900	42	73,800
43	74,700	44	75,600	45	76,500	46	77,400
47	78,300	48	79,200	49	80,100	50	81,000
51	81,900	52	82,800	53	83,700	54	84,600
55	85,500						
56 and over	86,400						

VEHICLE: No special requirements beyond normal Federal Motor Carrier or State regulations. The maximum length of trailing units is 28.5 feet.

PERMIT: None required.

ACCESS: STAA vehicles must be allowed reasonable access in accordance with federal law.

ROUTES: All Interstate highways.

1- STATE: OREGON

COMBINATION: Truck tractor and 2 trailing units—LCV

LENGTH OF THE CARGO-CARRYING UNITS: 68 feet

MAXIMUM ALLOWABLE GROSS WEIGHT: 105,500 pounds

OPERATIONAL CONDITIONS:

WEIGHT: Maximum allowable weights are as follows: single wheel— 10,000 pounds, single axle— 20,000 pounds, tandem axle— 34,000 pounds. Gross vehicle weights over 80,000 pounds must follow the Oregon extended weight table with a maximum of 105,500 pounds. Weight is also limited to 600 pounds per inch of tire width.

VEHICLE: For a combination which includes a truck tractor and two trailing units, the lead trailing unit (semi-trailer) may be up to 40 feet long. The second trailing unit may be up to 35 feet long.
PERMIT: A permit is required for operation if the gross combination weight exceeds 80,000 pounds. A fee is charged.
ACCESS: As allowed by the Oregon DOT.
ROUTES: All NN routes.

2- STATE: OREGON

COMBINATION: Truck tractor and 3 trailing units—LCV
LENGTH OF THE CARGO-CARRYING UNITS: 96 feet
MAXIMUM ALLOWABLE GROSS WEIGHT: 105,500 pounds
OPERATIONAL CONDITIONS:
WEIGHT, PERMITS, and ACCESS: Same as the OR-112 combination.
VEHICLE: Trailing units must be of equal length. The overall length of the combination is limited to 105 feet.
ROUTES: The following NN routes are also open to truck tractor and three trailing unit combinations. (See regulations for route details).

1- STATE: UTAH

COMBINATION: Truck tractor and 2 trailing units—LCV
LENGTH OF THE CARGO-CARRYING UNITS: 95 feet
MAXIMUM ALLOWABLE GROSS WEIGHT: 129,000 pounds
OPERATIONAL CONDITIONS:
WEIGHT: Weight limits are as follows: Single axle: 20,000 pounds Tandem axle: 34,000 pounds Gross weight: 129,000 pounds Vehicles must comply with the Federal Bridge Formula. Pounds per inch of tire width standard in effect.
PERMIT: Permits must be purchased.
ACCESS: Routes approved by the Utah DOT.
ROUTES: All NN routes, except that, in addition, truck tractor and two trailing unit combinations with a cargo carrying length of more than 85 feet.

2- STATE: UTAH

COMBINATION: Truck tractor and 3 trailing units—LCV
LENGTH OF THE CARGO-CARRYING UNITS: 95 feet
MAXIMUM ALLOWABLE GROSS WEIGHT: 129,000 pounds
OPERATIONAL CONDITIONS: Same as the UT-TT2 combination.
ROUTES: Same as the UT-TT2 combination.

3- STATE: UTAH

COMBINATION: Truck-trailer
LENGTH OF THE CARGO-CARRYING UNITS: 88 feet
OPERATIONAL CONDITIONS:
WEIGHT: This combination must operate in compliance with State laws. Because it is not an LCV, it is not subject to the ISTEA freeze as it applies to maximum weight.
VEHICLE, PERMIT, and ACCESS: Same as the UT-TT2 combination.
ROUTES: NN routes.

4- STATE: UTAH

COMBINATION: Truck-trailer-trailer
LENGTH OF THE CARGO-CARRYING UNITS: 88 feet
OPERATIONAL CONDITIONS: Same as the Utah truck-trailer combination.
ROUTES: Same as the UT-TT2 combination with a cargo-carrying length greater than 85 feet.

1- STATE: WASHINGTON

COMBINATION: Truck tractor and 2 trailing units—LCV

LENGTH OF THE CARGO-CARRYING UNITS: 68 feet

MAXIMUM ALLOWABLE GROSS WEIGHT: 105,500 pounds

OPERATIONAL CONDITIONS:

WEIGHT: Single axle limit=20,000 pounds, tandem axle limit=34,000 pounds, gross weight must comply with the Federal Bridge Formula.

VEHICLE: Operating conditions are the same for permitted doubles as for STAA of 1982 doubles.

PERMIT: Combinations with a cargo-carrying length over 60 feet in length but not exceeding 68 feet must obtain an annual over-length permit to operate. A fee is charged.

ACCESS: All State routes.

ROUTES: All NN routes except SR 410 and SR 123 in the vicinity of Mt. Rainier National Park.

2- STATE: WASHINGTON

COMBINATION: Truck-trailer

LENGTH OF THE CARGO-CARRYING UNITS: 68 feet

OPERATIONAL CONDITIONS:

WEIGHT: This combination must operate in compliance with State laws and regulations. Because it is not an LCV, it is not subject to the ISTEA freeze as it applies to maximum weight.

PERMIT and ACCESS: Same as the WA-TT2 combination.

VEHICLE: Overall length limited to 75 feet.

ROUTES: Same as the WA-TT2 combination.

1- STATE: WYOMING

COMBINATION: Truck tractor and 2 trailing units—LCV

LENGTH OF THE CARGO-CARRYING UNITS: 81 feet

MAXIMUM ALLOWABLE GROSS WEIGHT: 117,000 pounds

OPERATIONAL CONDITIONS:

WEIGHT: No single axle shall carry a load in excess of 20,000 pounds. No tandem axle shall carry a load in excess of 36,000 pounds. No vehicles operated on the Interstate System shall exceed the maximum weight allowed by application of Federal Bridge Weight Formula B. No wheel shall carry a load in excess of 10,000 pounds. No tire on a steering axle shall carry a load in excess of 750 pounds per inch of tire width.

VEHICLE: The lead semi-trailer can be up to 48 feet long with the trailing unit up to 40 feet long.

PERMITS: No permits required.

ACCESS: Unlimited access off the NN to terminals.

ROUTES: All NN routes.

2- STATE: WYOMING

COMBINATION: Truck-trailer

LENGTH OF THE CARGO-CARRYING UNITS: 78 feet

OPERATIONAL CONDITIONS:

WEIGHT: This combination must operate in compliance with State laws and regulations. Because it is not an LCV, it is not subject to the ISTEA freeze as it applies to maximum weight.

PERMIT and ACCESS: Same as the WY-TT2 combination.

VEHICLE: No single vehicle shall exceed 60 feet in length within an overall limit of 85 feet.