

1951 Silver Streak Clipper, Model 7 S/N 2196

Weight table following final modifications completed November 2022

Axle: 5000 lb Dexter Torflex with Nev-R-Adjust electric brakes, shock absorbers

Wheels/tires: Dexstar convelial steel (6 on 5-1/2), 2600 lbs per wheel

Gremax Heavy Duty Radial Trailer Tires, ST225/75R15 14-ply Load Range G, rated 3525 lbs each @ 95 psi

Total weight of axle, wheels, tires, shocks = 330 lbs

Initial conditions: trailer is fully loaded with all equipment and accessories (awning kit, firepit, camp chairs, dishes, etc.). No personal effects such clothing, jackets and shoes. No food or groceries in refrigerator or cupboards. Both propane tanks are full.

Scenario	Tank Status			Weight (lbs)						
	Freshwater	Gray	Black	Hitch	CS wheel	SS wheel	GTW	Coach ¹	% on Hitch	Axle load
①	○	○	○	372	1792	1632	3796	3466	11%	3094
②	●	○	○	530	1830	1659	4019	3689	14%	3159
③	○	●	●	376	1968	1769	4113	3783	10%	3407

○ Empty

● Full

CS - curbside

SS - streetside

GTW - gross trailer weight

Coach - trailer minus its axle/wheels

Note 1: Coach weight = GTW minus its axle/wheels assembly (330 lbs) since they are supportive only.

GOAL: Axle load ≤ 5000 lbs, TV hitch weight between 10-15% of the coach weight (for stable towing) and within TV hitch limit, or any single wheel load <2600 lbs (wheel is more limiting than the tire)

Observations: All three travel scenarios are well within design limitations of the axle and wheels. The streetside runs about 150-200lbs lighter in the scenarios above. As the trailer is loaded with groceries and personal effects (utilizing the streetside spaces first) the trailer can be brought into parity.