



GENL. DATA

1. Cylinders, dia. x stroke	22" x 28"	29. Heating surface, tubes	sq.ft. 2430
2. Valve gear	Stephenson	30. " " firebox	" " 174
3. Valves, size & kind	D-Slide	31. " " total	" " 2604
4. " maximum travel	6"	32. " " superheater	" " None
5. " steam lap	7/8"	33. " " equivalent total	" " None
6. " exhaust clearance	Line	34. Grates, length x width	125 ³ / ₈ " x 42 ¹ / ₂ "
7. " lead in full gear	1/8"	35. " area	sq.ft. 37.3
8. " out-off in full gear	90.4%	36. Brick arch, type	None
9. Rated tractive power	43,773 lbs.	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd.	None
10. Ratio of Adhesion (Wt. on Drivers ÷ Trac. Power)	3.60	38. Stoker, type	None
11. Sharpest curve	22 Deg.	AIR BRAKE	
WEIGHT	Light	Wk. Order	
12. Leading truck	15,300	39. Schedule	W.A.B. A1, WF2, 1612, Type 47-B
13. Driver, first	31,000	40. Brake Power	81% 127,500 lbs.
14. " second	39,600	41. Pumps	2 - 9 ¹ / ₂ "
15. " third	45,900	AXLES	
16. " fourth	41,100	42. Leading truck	Journal Dia. x Lgth. 6" x 12"
17. " total	157,600	43. Driving, main	" " " 9" x 12"
18. Trailing truck	None	44. Driving, other than main	" " " 9" x 12"
19. Total engine	150,700	45. Trailing truck	None
20. Tender, front truck	60,000	TENDER	
21. " back	60,000	46. Frame	Wood
22. " total	48,000	47. Draft gear	Swivel Coupler
23. Total engine & tender	198,700	48. Brake schedule	W.A.B. FL 1012, Type L
BOILER		49. Brake power	104% 49,760 lbs.
24. Working pressure, maximum	190 lbs.	50. Truck, type	Arch bar
25. Firebox, length x width	125 ³ / ₈ " x 42 ¹ / ₂ "	51. Axles	A.R.A. 5" x 9"
26. Tubes, No., O.D., & Gauge	300-2 ¹ / ₄ "-11-B.W.G.	52. Wheels	Steel 33"
27. Flues, No., O.D., & Gauge	None	53. Maximum width over cylinders	9' 5 ¹ / ₂ "
28. Tubes & Flues, length (in to in of tube sheets)	165"	54. " " " running boards, at cab	10' 3"