



GENL. DATA

1. Cylinders, dia. x stroke	21" x 28"	29. Heating surface, tubes	sq.ft. 2457
2. Valve gear	Baker	30. " " firebox	" " 131
3. Valves, size & kind	Double Ported slide	31. " " total	" " 2588
4. " maximum travel	5 1/2"	32. " " superheater	" " None
5. " steam lap	7/8"	33. " " equivalent total	" " None
6. " exhaust clearance	Line	34. Grates, length x width	72-1/8" x 65 1/2"
7. " lead in full gear	1/4"	35. " area	sq.ft. 32.7
8. " cut off in full gear	86.8%	36. Brick arch, type	None
9. Rated tractive power	41,160 lbs.	37. Arch tubes O.D., Ga., Fin. Lgth. over Bd	None
10. Ratio of Adhesion (Wt. on drivers ÷ Trac. Power)	4.00	38. Stoker, type	None
11. Sharpest curve	22 Deg.	AIR BRAKE	
WEIGHT	Light Wk. Order	39. Schedule	W.A.B. A1, SWA. WM 3, 1410, Type 21-B
12. Leading truck	None	40. Brake Power	69% 112,880 lbs.
13. Driver, first	55,300	41. Pumps	1 - 9" 60
14. " second	54,000	AXLES	
15. " third	55,400	42. Leading truck	Journal Dia. x Lgth. None
16. " fourth	None	43. Driving, main	" " " 9" x 12"
17. " total	164,700	44. Driving, other than main	" " " 9" x 12"
18. Trailing truck	None	45. Trailing truck	" " " None
19. Total engine	149,400 164,700	TENDER	
20. Tender, front truck	53,450	46. Frame	Structural
21. " back "	53,450	47. Draft gear	Farlow 3-key
22. " total	49,400 106,900	48. Brake schedule	W.A.B. SWB, 1212, Type "L"
23. Total engine & tender	198,800 271,600	49. Brake power	95% 47,000 lbs.
BOILER		50. Truck, type	Arch bar
24. Working pressure, maximum	200 lbs.	51. Axles	A.R.A. 5" x 9"
25. Firebox, length x width	72-1/8" x 65 1/2"	52. Wheels	Steel 33"
26. Tubes, No., O.D., & Gauge	263-2 1/4"-11-B.W.G.	53. Maximum width over cylinders	10' 4 1/2"
27. Flues, No., O.D., & Gauge	None	54. " " " running boards, at cab	10' 5 1/2"
28. Tubes & Flues, Lgth (in to in of tube sheets)	191"		