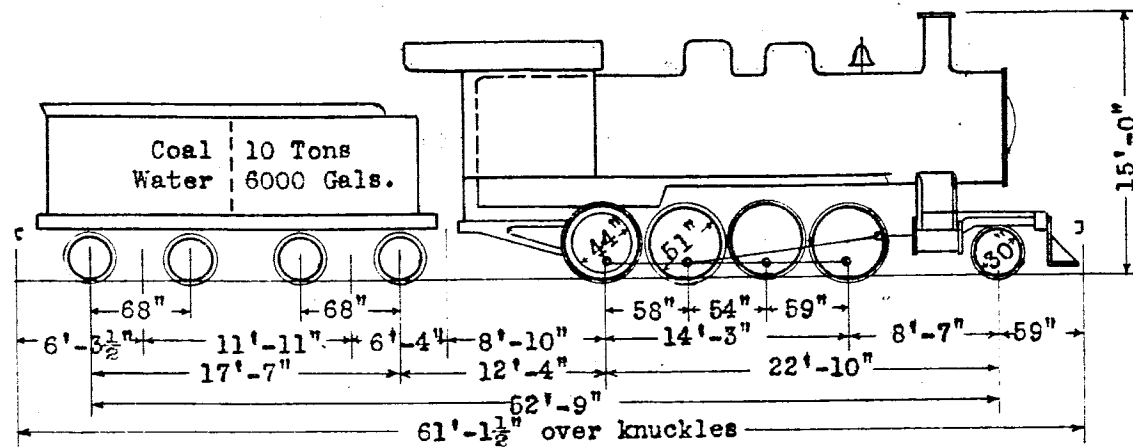


Engines No. 501,507,
Class H5-a 513,518,

GENL. DATA

1. Cylinders, dia. x stroke	22" x 28"	29. Heating surface, tubes	sq.ft. 2414
2. Valve gear	Baker	30. " " firebox	" " 200
3. Valves, size & kind	D-Slide	31. " " total	" " 261.4
4. " maximum travel	6"	32. " " superheater	" " None
5. " steam lap	1"	33. " " equivalent total	" " None
6. " exhaust clearance	1/16" Clear	34. Grates, length x width	125-5/8" x 42 1/2"
7. " lead in full gear	1/4"	35. " area	sq.ft. 37.1
8. " cut-off in full gear	85.7%	36. Brick arch, type	None
9. Rated tractive power	45,173 lbs.	37. Arch tubes O.D., Ga., Fin.Lgth.over Bd.	None
10. Ratio of Adhesion (Wt.on Drivers & Trac.Power)	3.62	38. Stoker, type	None
11. Sharpest curve	22 Deg.	AIR BRAKE	
WEIGHT	Light	Wk.Order	
12. Leading truck		19,200	39. Schedule
13. Driver, first		38,600	W.A.B., S.W.A., WN2,1612, Type 47-B
14. " second		40,800	40. Brake power
15. " third		42,000	78% 127,600 lbs.
16. " fourth		42,100	41. Pumps
17. " total		163,500	2 - 9 1/2"
18. Trailing truck		None	AXLES
19. Total engine	158,800	182,700	42. Leading truck
20. Tender, front truck		57,700	Journal Dia. x Lgth.
21. " back "		57,700	" " " 6" x 12"
22. " total	45,400	115,400	43. Driving, main
23. Total engine & tender	204,200	298,100	" " " 10" x 12"
BOILER			44. Driving, other than main
24. Working pressure, maximum	200 lbs.		" " " 9" x 12"
25. Firebox, length x width	125-5/8" x 42 1/2"		45. Trailing truck
26. Tubes, No., O.D., & Gauge	298-2 1/2"-11-B.W.G.		None
27. Flues, No., O.D., & Gauge	None		TENDER
28. Tubes & Flues, length (in to in of tube sheets)	165"		46. Frame
			Structural Steel
			47. Draft gear
			Miner Tandem
			48. Brake schedule
			W.A.B., S.W.B., FL-1012, Type "L"
			49. Brake Power
			96% 43,600 lbs.
			50. Truck, type
			Arch bar
			51. Axles
			A.R.A. 5" x 9"
			52. Wheels
			Steel 33"
			53. Maximum width over cylinders
			9' 5 1/2"
			54. " " " running boards, at cab
			10' 3"