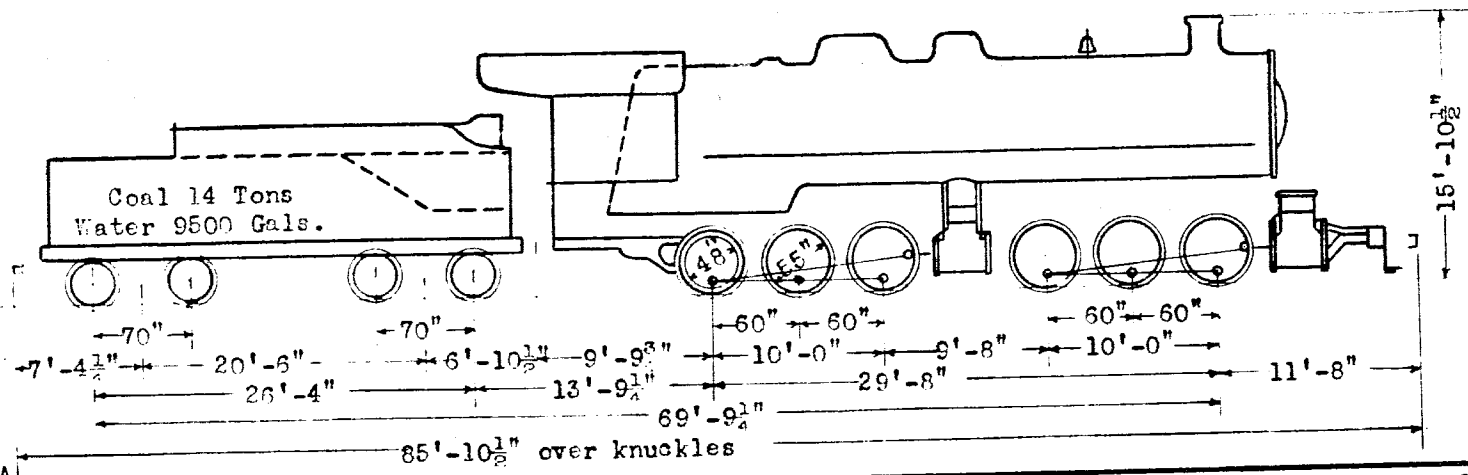


Engine No. 952
Class M1



GENL. DATA

1. Cylinders, dia. x stroke	23" & 35" x 32"	29. Heating surface, tubes	sq.ft.	5384
2. Valve gear	Walschaert	30. " " firebox & arch tubes	" "	255
3. Valves, size & kind	D-Slide	31. " " total	" "	5639
4. " maximum travel	H.P. 6 1/4" L.P. 6 1/2"	32. " " superheater	" "	None
5. " steam lap	1" 7/8"	33. " " equivalent total	" "	None
6. " exhaust clearance	Line 3/8"	34. Grates, length x width	117" x 96"	
7. " lead in full gear	1/4" 3/8"	35. " area	sq.ft.	78
8. " cut-off in full gear	86.9% 89.4%	36. Brick arch, type	Security 4-tube	
9. Rated tractive power	74,124 lbs.	37. Arch tubes O.D.Ga., Fin.Lgth.over Bd.	3"-7-BWG(2-115 1/2") (2-114")	
10. Ratio of Adhesion (Wt.on Drivers ÷ Trac.Power)	4.72	38. Stoker, type	None	
11. Sharpest curve	22 Deg.	AIR BRAKE		
WEIGHT	Light H.P.Wk.Order L.P.Wk.Order	39. Schedule W.A.B.6-ET,WX2,1410,Type-Front 21-B,Back 21-C	55%	193,800 lbs.
12. Leading truck	None	40. Brake power		2 - 9 1/2"
13. Driver, first	52,400	41. Pumps		
14. " second	58,600	AXLES		
15. " third	70,100	42. Leading truck	Journal Dia. x Lgth.	None
16. " fourth	None	43. Driving, main	" " " "	10" x 12"
17. " total	350,000	44. " other than main	" " " "	10" x 12"
18. Trailing truck	None	45. Trailing truck		None
19. Total engine	315,500	TENDER		
20. Tender, front truck	83,100	46. Frame	Structural	
21. " back "	83,100	47. Draft gear	Farlow 3-key	
22. " total	59,100	48. Brake schedule	W.A.B. 6-ET,1412,Type "L"	
23. Total eng.& tender	374,600	49. Brake power	81%	48,000 lbs.
BOILER		50. Truck, type	Arch bar	
24. Working pressure, maximum	200 lbs.	51. Axles	A.R.A. 6" x 11"	
25. Firebox, length x width	117" x 96"	52. Wheels	Steel 33"	
26. Tubes, No., O.D. & Gauge	437-2 1/2"-11-B.W.G.	53. Maximum width over cylinders	10' 6 1/2"	
27. Flues, No., O.D. & Gauge	None	54. " " running boards, at cab	10' 6"	
28. Tubes & Flues, length (in to in of tube sheets)	251"			