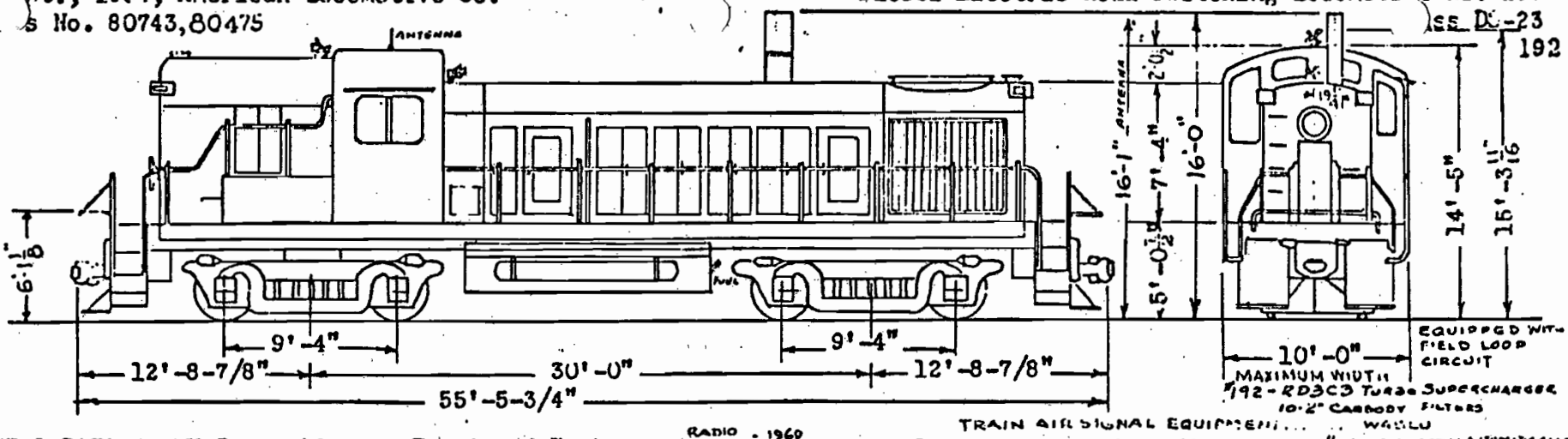
Built Sept., 1954, American Locomotive Co.
Builders No. 80743,80475

Diesel Electric Road Switching Locomotive No. 197
Class DS-23
192




GENERAL DATA - MU Connections - Front and Back RADIO EQUIPPED 1960 Dynamic Braking - 650 Amps.Max. 33000# & 22 MPH AUTOMATICALLY REGULATED

| | | | |
|---|---|---|---|
| 1. Weight - Working Order | 260,000 lbs. | | CAPACITY |
| 2. Horsepower | 1600 | 28. Fuel Oil 2000 Gals. (1 Tank) Lubricating Oil 200 Gals. | |
| 3. Ratio of Gears | 74-18 | 29. Cooling Water - 250 Gallons | Sand- 28 cu.ft. |
| 4. Maximum Speed (Overspeed setting) | 65 M.P.H. | AIR BRAKE | J-16 Red. Valve |
| ENGINE | | 30. Schedule | 24 RL W.A.B.Co. |
| 5. Type-4 Cycle, V Type,Series 244G, Turbo Superch'd.Alco | | 31. Brake Power @ 30 lbs. cylinder pressure | 106,800 lbs. |
| 6. Cylinders - Bore and Stroke | 12- 9" dia. x 10½" | 32. Air Compressor | Westinghouse 3 CDB |
| 7. Speed - Idling | 350 R.P.M. at Rated H.P. 1000 R.P.M. | 33. Air Compressor Capacity at full engine speed | 306 CFM |
| 8. Supercharger-Alco-510D,Eng.Air In.Filter | OILBATH-AIR MAZE3 | 34. Reservoir Capacity | 60,650 cu.in. |
| 9. Governor | G.E. Type 17-MG6D1 Electro-Hydraulic | 35. Feed Valve - D-24-B | Relayair Valve HA-24-C |
| ELECTRICAL | | 36. Deadman Control-Foot Pedal- Breakintwo Protection Wabco | |
| 10. 1 - G.E.Main Generator Type 5GT581A1 Cont.Rat.2170 Amps. | | 37. Handbrake Arax, | Reservoir Drain Valves Prime |
| 11. 1 - G.E.Aux. Generator Type 5GY-27A3 12 KW, 75 Volts DC | | MISCELLANEOUS | |
| 12. 1 - G.E.Exciter | Type 5-AM-808-A3,9KW,100V,2400RPM | 38. Fire Extinguishers 2¾" Ansul in cab, | 2 - 30-lb. Ansul |
| 13. 4 - G.E.Tract.Motors Type 5GE-752-E1,1085 Amps.Cont. DC | | 39. Sanders - 8 Graham-white | Windshield Wipers - Sprague |
| 14. 1 - G.E.Radiator Fan Aphonic Type 5GDY32A1 | 75 Volts DC | 40. Horns - 2 Leslie S5T Chime (#192 Nathan M5 Mod) | Bell Ringer Prime |
| 15. 1 - G.E.Fuel Pump Type 5BC76AB-286A, 1 H.P. | 75 Volts DC | 41. Speed Recorder | Barco DP, 0-60 M.P.H. |
| 16. Control Equipment-GE Type P, | Overspeed with Time Delay | 42. Draft Gear - Miner RF-333 (#192) | Couplers A.A.R. Type "E" |
| 17. Multiple Control Cable | 60 Inch Length, 27 Wires | 43. ~~Steam Generator - 2750#/Hr. - Vapor-Clarkson CK-4625-74~~ | |
| 18. Batteries | 32 Cells, 64 Volt, Exide MV-25-D | 44. ~~Water Capacity for Steam Generator~~ | ~~1200 Gals.~~ |
| 19. Lighting Circuit | 75 Volts | TRUCKS | V-110 Cobra Brake Shoes |
| 20. Headlight - 2 Pyle-National Twin-Sealed Beam 200W, 30V | | 45. Type | 4-wheel Swivel Swing Motion Pedestal Type |
| TRACTIVE POWER | | 46. Axles | 6½" x 12" Journals for Hyatt Roller Bearings |
| 21. Starting at 25% adhesion | 65,000 lbs. | 47. Wheels | 40" M.W. Rolled Steel |
| 22. 10 M.P.H. | 49,000 lbs. | 48. Brake Cylinders | 8 - 10" dia.x 8" W.A.B.Co. |
| 23. 15 M.P.H. | 33,500 lbs. | 49. Side Bearings | Plain Steel - Hardened |
| 24. 20 M.P.H. | 25,000 lbs. | LIMITING DIMENSIONS | |
| 25. 25 M.P.H. | 20,000 lbs. | 50. Maximum Length Coupled | 55' - 5-3/4" |
| 26. 30 M.P.H. | 16,500 lbs. | 51. Maximum Height | 15' - 3-11/16" |
| 27. [illegible] Rating | 52,500 lbs. at 8.0 M.P.H. | 52. Maximum degree of curvature 57 degrees - Coupled 30 deg. | |