

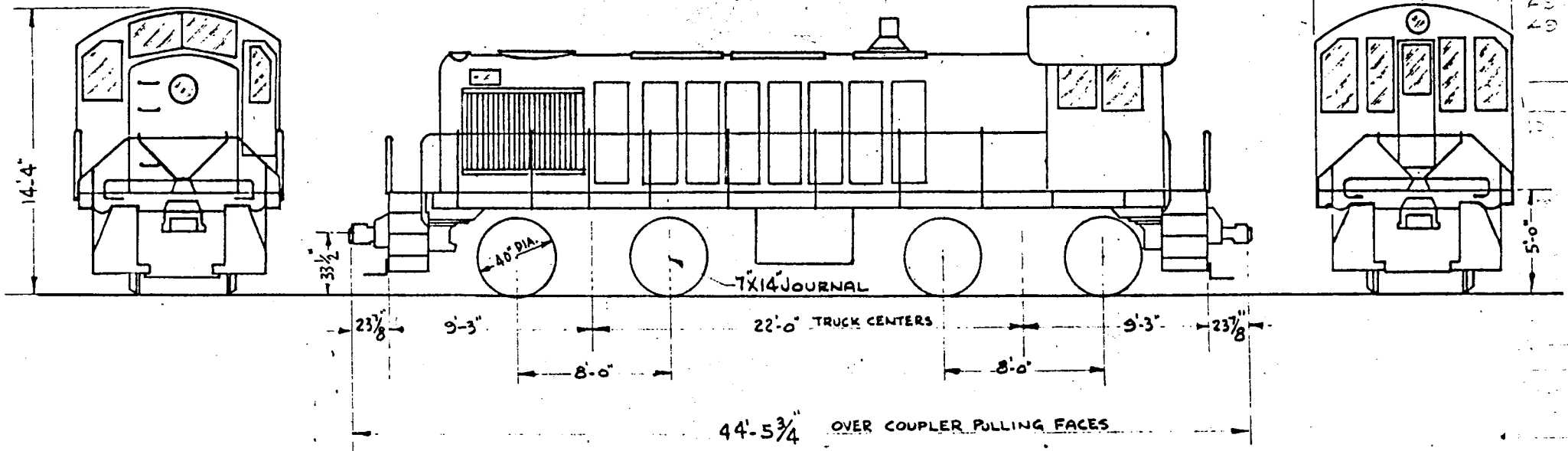
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9

# LOCOMOTIVE CLASSIFICATION BOOK

R. F. Long  
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Jamaica, N. Y. 11435

*Long Island Rail Road*

1964

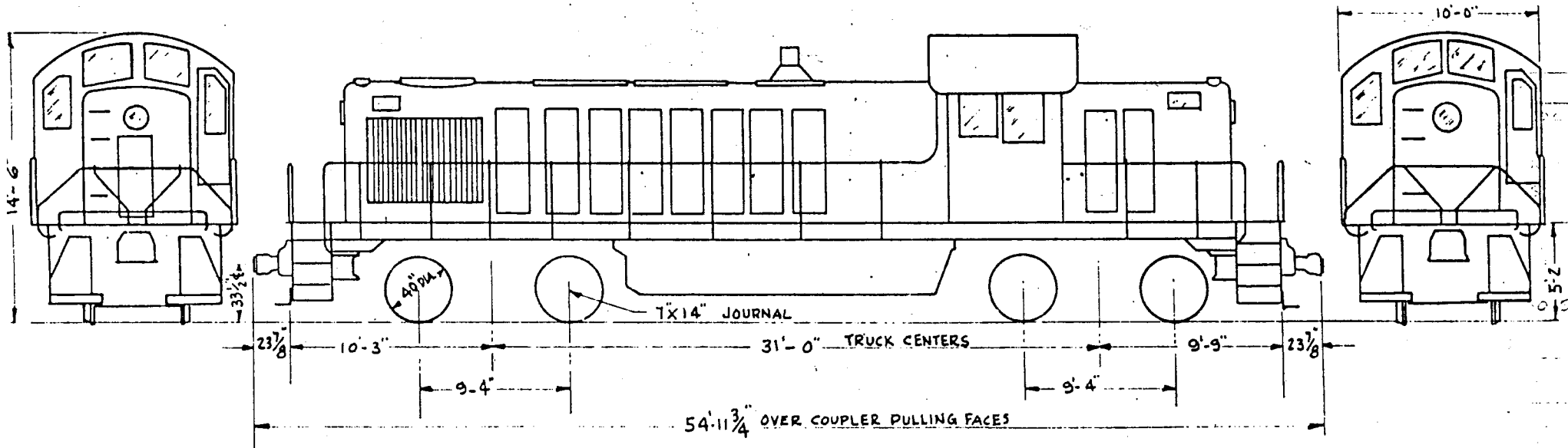


TOTAL WT. 199,900 LBS. WT. ON DRIVERS 199,900 LBS.

AS-G, 406, 407, 413, 414, 418-421  
 AS-GM, 408, 417  
 AS-GMC, 415, 416

~GENERAL DATA~

TYPE OF SERVICE SWITCHING		HORSEPOWER	660	MAKE & TYPE AIR COMP.	WAB 3CD
CLASS OF LOCOMOTIVE - AS-G, AS-GM, AS-GMC	TYPE OF JOURNAL BEARINGS PLAIN	ENGINE GOVERNOR	WOODWARD S1		
LOCOMOTIVE NUMBERS 404-408, 413-421	DRAFT GEARS FRICTION	TOTAL WEIGHT PER ENGINE	33,700 LBS.	MAKE & TYPE - HAND BRAKE	AJAX
BUILDER & DATE BUILT 1946, 1949 ALCO	COUPLERS - TYPE ARR TYPE - E	TURBO SUPERCHARGER	---	AUTO. SPEED CONTROL	ASGC 415-416
MIN. RADIUS OF CURVE - LOCO. ONLY 50'-0"	Nº & CAP OF SAND BOXES 4 - TOTAL 27 cu. ft.	Nº ENG. WATER RAD. UNITS	11		
MIN. RADIUS OF CURVE - LOCO. COUPLED	SANDERS - MAKE & TYPE GRAHAM WHITE	RADIATOR FAN DRIVE	MECHANICAL		
TRACTIVE EFFORT 15% ADH 49,975 LBS.	FUEL OIL CAP. GALS. 635	Nº ENG. OIL RADIATORS	3		
T.E. CONTINUOUS RATING 29,200 LBS.	LUBE OIL CAP. GALS. 80	MAKE & TYPE OF MAIN GEN. GE.	5GT552-A4		
SPEED - MPH. CONT. RATING 6.25	ENG. COOLING WATER CAP. GALS. 220	MAKE & TYPE OF AUXILIARY GEN. GE.	5GMG139A1		
SPEED - MPH. MAX. ALLOWABLE 63	MAKE & TYPE STEAM GEN. ---	MAKE TYPE & Nº OF TRACT. MOTORS	5GE-131-D3, 4		
M.U. CONTROL ---	STEAM GEN. HEATING WATER CAP. GALS. ---	GEAR RATIO	16:75		
TRANSITION MANUAL OR AUTOMATIC	STEAM GEN. CAP. LBS./HR. ---	TRACT. MOTOR BLOWER	MECHANICAL		
MAKE & TYPE OF TRUCKS	MAKE & MODEL OF DIESEL ENG. ALCO 539	MAKE & TYPE OF BATTERY	EXIDE		
WEIGHT OF TRUCK (4 WHEEL) 35,200 LBS.	ENGINE R.P.M. 315-700	AMP. HR. CAP. - 8 HR. RATE	426		
WEIGHT OF TRUCK (6 WHEEL) ---	Nº & SIZE OF CYL. PER ENG. 6 CYL. 12 1/2 X 13"	MAKE & SCHEDULE AIR BRAKE	WAB 14EL		

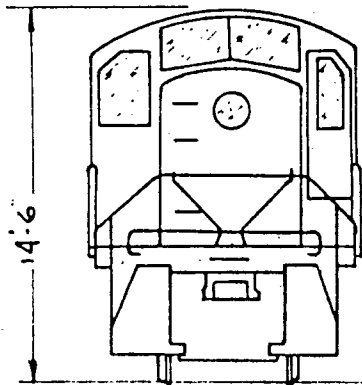


TOTAL WT. AND WT. ON DRIVERS 249,100 LBS.

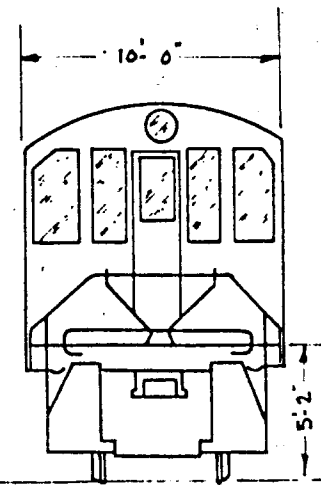
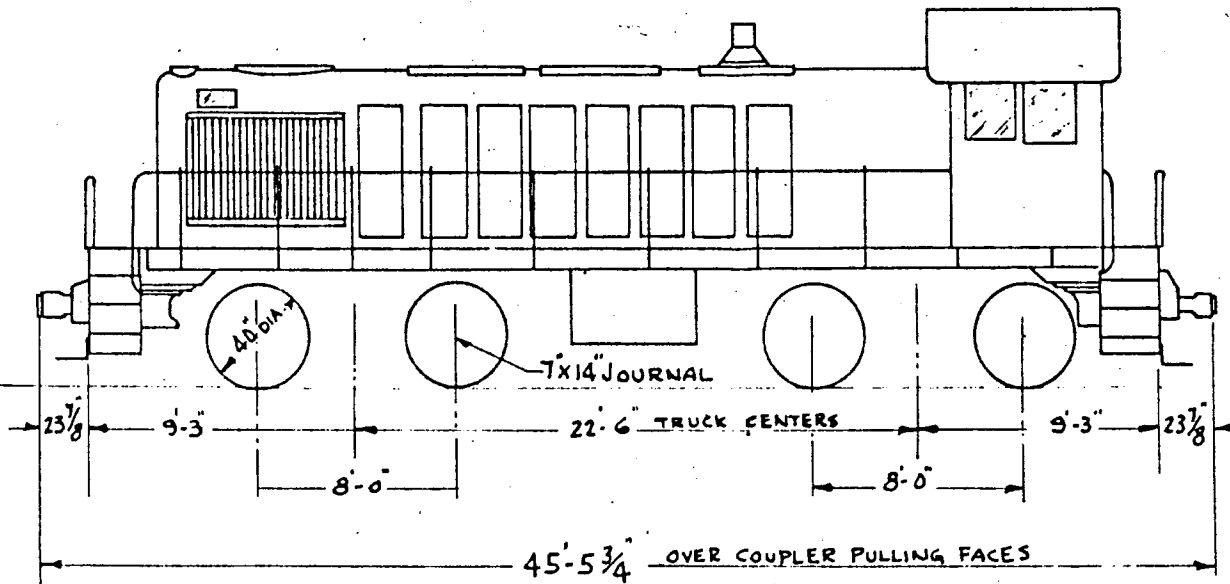
CLASS	LOCO NUMBER	YR. BUILT
AGP-108E	461-464	49
AGP-108C	465-469	50

~ GENERAL DATA ~

TYPE OF SERVICE	GENERAL PURPOSE	HORSEPOWER	1000	MAKE & TYPE AIR COMP.	W.A.B. 3CD		
CLASS OF LOCOMOTIVE - SEE TABLE	TYPE OF JOURNAL BEARINGS	PLAIN	ENGINE GOVERNOR	WOODWARD-SI			
LOCOMOTIVE NUMBERS - SEE TABLE	DRAFT GEARS	FRICTION	TOTAL WEIGHT PER ENGINE	34,800	MAKE & TYPE - HAND BRAKE	AJAX	
BUILDER & DATE BUILT	ALCO - SEE TABLE	COUPLERS - TYPE	AAR - TYPE E	TURBO SUPERCHARGER	ALCO	AUTO. SPEED CONTROL	YES
MIN. RADIUS OF CURVE - LOCO ONLY	100'-0"	Nº & CAP. OF SAND BOXES	4 - TOTAL 27 cu. FT.	Nº ENG. WATER RAD. UNITS	20		
MIN. RADIUS OF CURVE - LOCO COUPLED		SANDERS MAKE & TYPE	GRAHAM WHITE	RADIATOR FAN DRIVE	MECHANICAL		
TRACTIVE EFFORT 25% ADH.	62,425 LBS.	FUEL OIL CAP. GALS.	800	Nº ENG. OIL RADIATORS	4		
T.E. CONTINUOUS RATING	34,000 LBS.	LUBE OIL CAP. GALS.	80	MAKE & TYPE OF MAIN GEN.	GE-5GT553C3		
SPEED - M.PH. CONT. RATING	8	ENG. COOLING WATER	240	MAKE & TYPE OF AUXILIARY GEN.	GE-5GMQ139A3		
SPEED - M.PH. MAX. ALLOWABLE	60	MAKE & TYPE STEAM GEN.	NOTE #1	MAKE TYPE & Nº OF TRACT. MOTOR.	5GE.131-D3, 4		
M.V. CONTROL	466-469 ONLY	STEAM GEN. HEATING WATER CAP. GALS.	800	GEAR RATIO	16:75		
TRANSITION	MANUAL OR AUTOMATIC	STEAM GEN. CAP. LB./HR.	1600	TRACT. MOTOR BLOWER MOTOR	MECHANICAL		
MAKE & TYPE OF TRUCKS		MAKE & MODEL OF DIESEL ENG.	ALCO 539	MAKE & TYPE OF BATTERY	EXIDE		
WEIGHT OF TRUCK (4 WHEEL)	35,200 LBS.	ENGINE R.P.M.	315-700	AMP. HR. CAP. - 8 HR. RATE	426	NOTE #1, 466-469 HAVE VAPOR OK-4616	
WEIGHT OF TRUCK (6 WHEEL)		Nº & SIZE OF CYL. PER. ENG.	6 CYL. 12 1/2" x 13"	MAKE & SCHEDULE AIR BRAKE	W.A.B. 14EL	461-465 HAVE VAPOR - ABDRK	



14'-6"

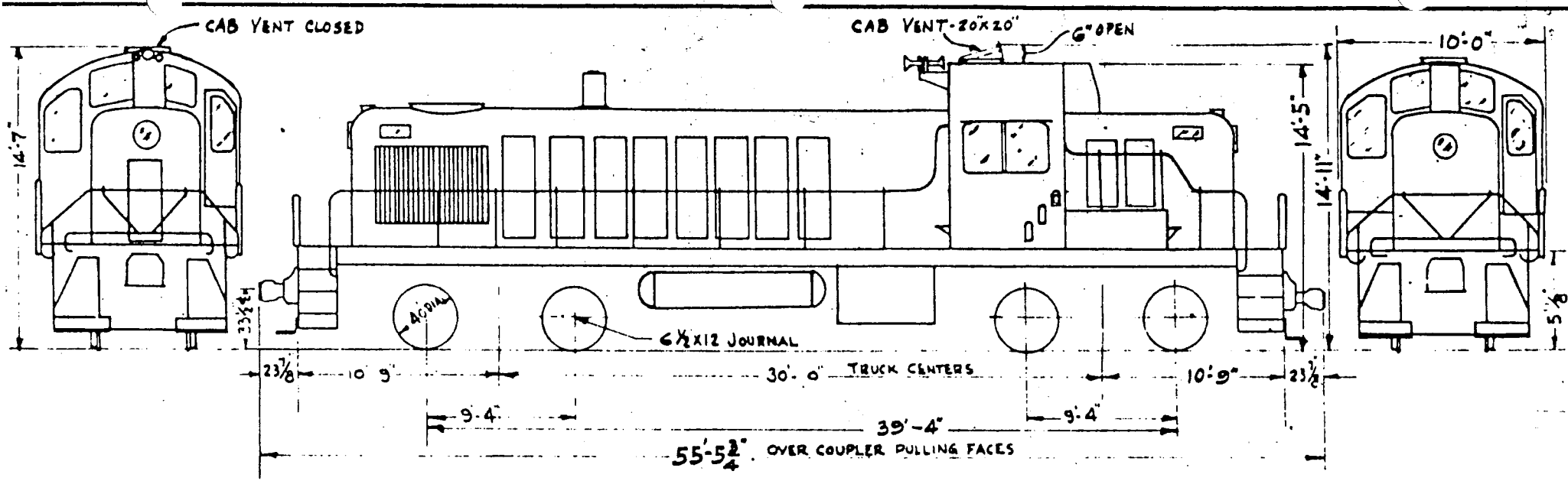


TOTAL WT. AND WT. ON DRIVERS: 234,100 LBS.

CLASS	LOCO. NUMBER	YR. BUILT
AS-10M	439-441	48
AS-10M	442	49
AS-10	443	47
AS-10	444	44
AS-10	445	45
AS-10	446, 447	49
AS-10C	448-460	49

~ GENERAL DATA ~

TYPE OF SERVICE SWITCHING	TYPE OF JOURNAL BEARINGS PLAIN	HORSEPOWER 1000	MAKE & TYPE AIR COMP. WAB. 3CD
CLASS OF LOCOMOTIVE - SEE TABLE	DRAFT GEARS FRICTION	ENGINE GOVERNOR WOODWARD 51	
LOCOMOTIVE NUMBERS - SEE TABLE	COUPLERS - TYPE AAR TYPE - E	TOTAL WEIGHT PER ENGINE 34,800 LBS.	MAKE & TYPE - HAND BRAKE AJAX
BUILDER & DATE BUILT ALCO - SEE TABLE	NO 2 CAP. OF SAND BOXES 4 - TOTAL, 27 CU. FT.	TURBOSUPERCHARGER ALCO	AUTO. SPEED CONTROL - 448, 449-451-460
MIN. RADIUS OF CURVE LOCO. ONLY 50'-0"	SANDERS - MAKE & TYPE GRAHAM WHITE	NO ENG. WATER RAD. UNITS 18	
MIN. RADIUS OF CURVE LOCO. COUPLED	FUEL OIL CAP. GALS. 635	RADIATOR FAN DRIVE MECHANICAL	
TRACTIVE EFFORT 75% ADH. 58,525 LBS.	LUBE OIL CAP. GALS. 80	NO ENG. OIL RADIATORS 4	
T.E. CONTINUOUS RATING 34,000 LBS.	ENG. COOLING WATER CAP. GALS. 240	MAKE & TYPE OF MAIN GEN. G.E. 5GT 553 C3	
SPEED - MPH. CONT. RATING 8	MAKE & TYPE STEAM GEN. ---	MAKE & TYPE OF AUXILIARY GEN. G.E. 54MG-139 A3	
SPEED - MPH. MAX. ALLOWABLE 60	STEAM GEN. HEATING WATER CAP. GALS. ---	MAKE TYPE & NO OF TRACT. MOTORS G.E. 731-D3, 4	
M.U. CONTROL ---	STEAM GEN. CAP. LBS/HR. ---	GEAR RATIO 16:75	
TRANSITION MANUAL OR AUTOMATIC	MAKE & MODEL OF DIESEL ENG. ALCO 539	TRACT. MOTOR BLOWER MECHANICAL	
MAKE & TYPE OF TRUCKS	ENGINE R.P.M. 315-700	MAKE & TYPE OF BATTERY EXIDE	
WEIGHT OF TRUCK (4 WHEEL) 35,200 LBS.	NO & SIZE OF CYL. PER ENG. 6 CYL. 12 1/2 x 13"	AMP. HR. CAP - 8 HR. RATE 426	
WEIGHT OF TRUCK (6 WHEEL)		MAKE & SCHEDULE AIR BRAKE WAB 14EL	

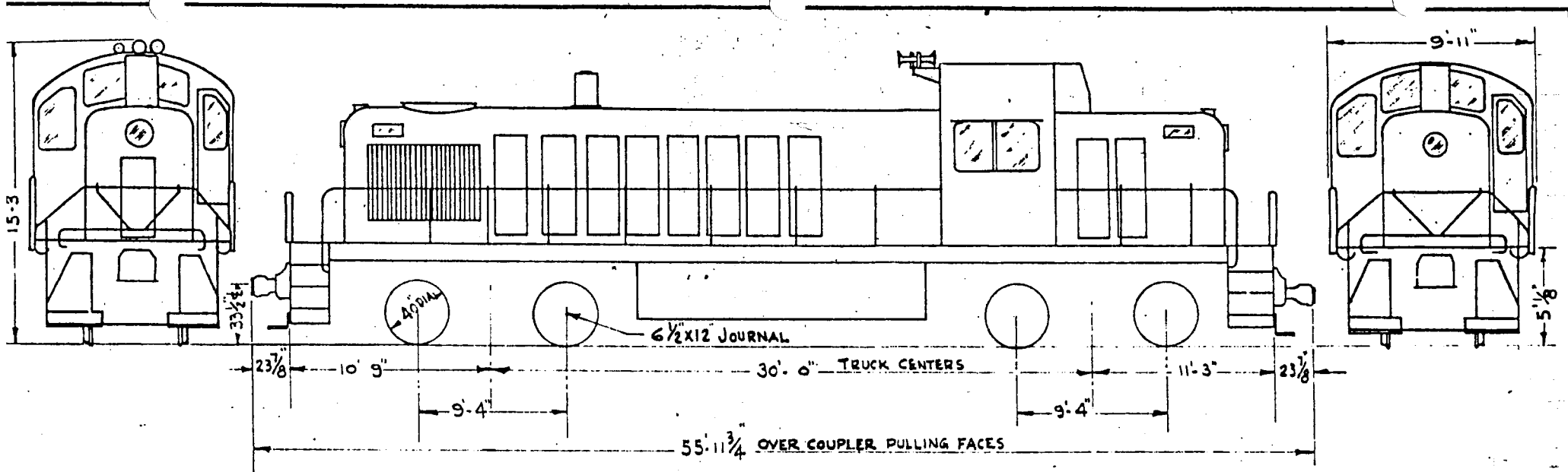


TOTAL WT. 245,000 LBS. WT. ON DRIVERS 245,000 LBS.

1519, 1520

~ GENERAL DATA ~

TYPE OF SERVICE	GENERAL PURPOSE	HORSEPOWER	- 1500	MAKE & TYPE AIR COMP.	WAB 3-CDG
CLASS OF LOCOMOTIVE	- AGP-15-MC	ENGINE GOVERNOR	GE	MAKE & TYPE HAND BRAKE	AJAX-5
LOCOMOTIVE NUMBERS	- 1519, 1520	TOTAL WEIGHT PER ENGINE	31,350 LBS.	AUTO. SPEED CONTROL	YES
BUILDER & DATE BUILT	- AMERICAN LOCO. 1949	TURBOSUPERCHARGER	ALCO 510-D		
MIN. RADIUS OF CURVE - LOCO. ONLY	- 100'-0"	NO. ENG. WATER RAD. UNITS	4		
MIN. RADIUS OF CURVE - LOCO. COUPLED		RADIATOR FAN DRIVE	EDDY CURRENT CLUTCH		
TRACTIVE EFFORT 25% ADH.	- 61,250 LBS	NO. ENG. OIL HEAT EXCHANGERS	ONE		
TE CONTINUOUS RATING	- 52,500 LBS	MAKE & TYPE OF MAIN GEN.	GE. 54T5B1AL		
SPEED - MPH. CONT. RATING		MAKE & TYPE OF AUXILIARY GEN.	GE. 54127A3	FORMERLY - D&H LOCO'S - 4019	
SPEED - MPH. MAX. ALLOWABLE	- 65	MAKE TYPE & NO. OF TRACT. MOTORS	4 - GE. 752E1	4020	
MU CONTROL	YES	GEAR RATIO	74:18		
TRANSITION		TRACT. MOTOR BLOWER	MECHANICAL		
MAKE & TYPE OF TRUCKS		MAKE & TYPE OF BATTERY	EXIDE - 64 VOLT		
WEIGHT OF TRUCK (4 WHEEL)	42,200 LBS.	AMP HR. CAP - 8 HR. RATE	426		
WEIGHT OF TRUCK (6 WHEEL)	---	MAKE & SCHEDULE AIR BRAKE	WAB - GDS		
		NO. & SIZE OF CYL. PER ENG.	12x19-10 1/2"		

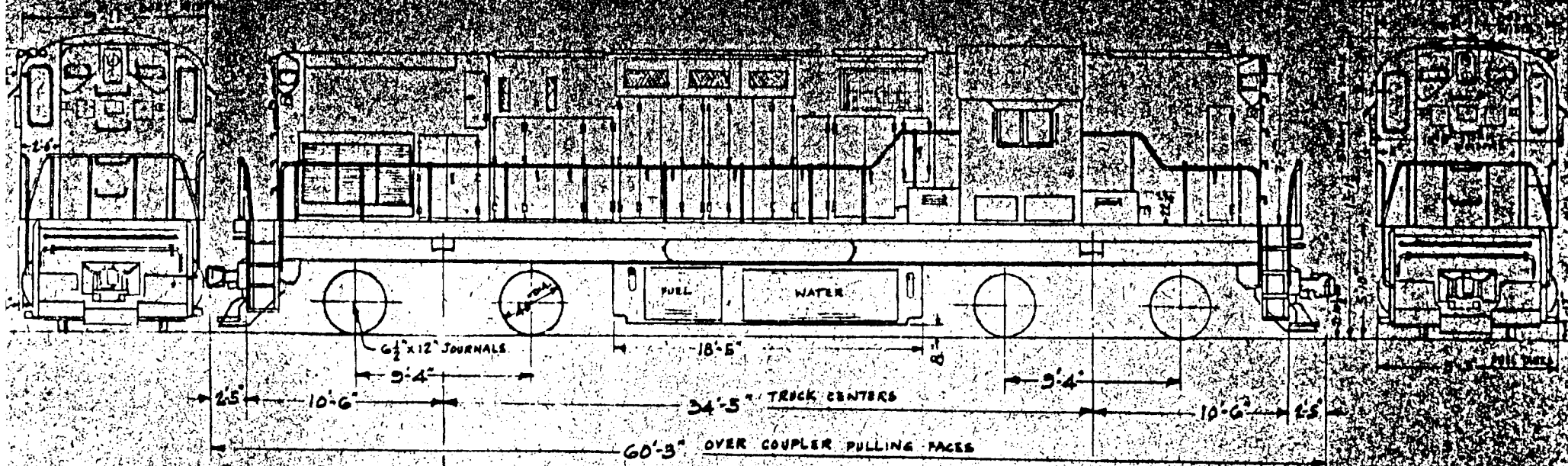


TOTAL WT. 255040 LB. WT. ON DRIVERS 255040 LBS.

1551-1560

~ GENERAL DATA ~

TYPE OF SERVICE	GENERAL PURPOSE	HORSEPOWER	1600	MAKE & TYPE AIR COMP.	WAB 3-CDL
CLASS OF LOCOMOTIVE	AGP-16-MSC.	ENGINE GOVERNOR	GE	MAKE & TYPE HAND BRAKE	AJAX
LOCOMOTIVE NUMBERS	1551 - 1560	TOTAL WEIGHT PER ENGINE	31,350 LBS.	AUTO. SPEED CONTROL	YES
BUILDER & DATE BUILT	ALCO - 1955	TURBOSUPERCHARGER	ALCO 510-D		
MIN. RADIUS OF CURVE - LOCO. ONLY	274'-0"	NO. ENG. WATER RAD. UNITS	4		
MIN. RADIUS OF CURVE - LOCO. COUPLED		RADIATOR FAN DRIVE	EDDY CURRENT CLUTCH		
TRACTION EFFORT 25% ADH.	63760 LBS.	NO. ENG. OIL HEAT EXCHANGERS	ONE		
P.E. CONTINUOUS RATING	46,000 LBS.	MAKE & TYPE OF MAIN GEN.	GE 54T581A1		
SPEED - MPH. CONT. RATING	9.8	MAKE & TYPE OF AUXILIARY GEN.	GE 54127A3		
SPEED - MPH. MAX. ALLOWABLE	75	MAKE TYPE & NO. OF TRACT. MOTORS	4 - GE 752E1		
M.U. CONTROL	YES	GEAR RATIO	18:65		
TRANSITION - AUTOMATIC		TRACT. MOTOR BLOWER	MECHANICAL		
MAKE & TYPE OF TRUCKS		MAKE & TYPE OF BATTERY	EXIDE		
WEIGHT OF TRUCK (4 WHEEL)	42,200 LBS.	AMP. HR. CAP. - 8HR RATE	426		
WEIGHT OF TRUCK (6 WHEEL)	---	MAKE & SCHEDULE AIR BRAKE	WAB 24RL		
		NO. & SIZE OF CYL. PER. ENG.	12 Cyl. 9" - 10 1/2"		



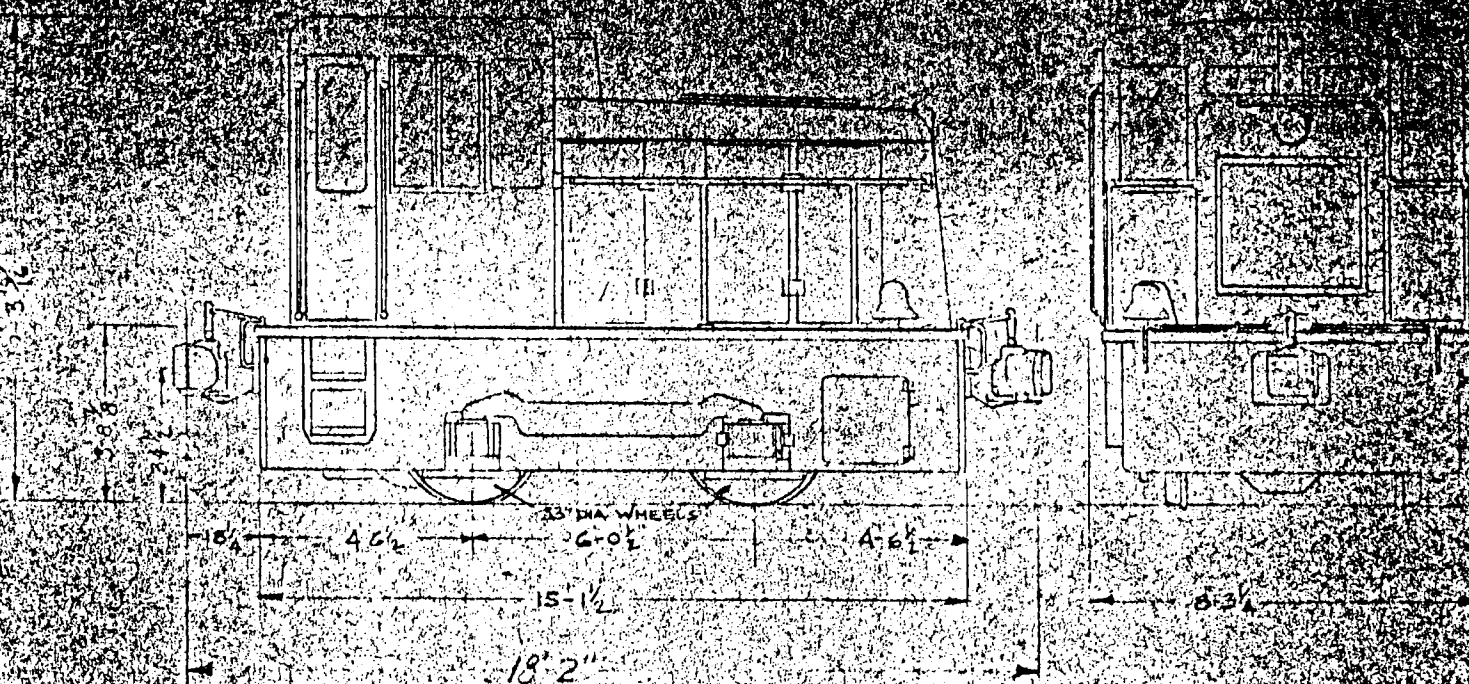
130,920 LBS.  
 131,650 LBS.  
 130,930 LBS.  
 132,330 LBS.  
 261,850 LBS. TOTAL WT ON DRIVERS  
 \*264,580 LBS. WORKING ORDER.

EQUIPPED WITH SNOW PLOWS (LOCO'S 210-220)

GENERAL DATA

TYPE OF SERVICE - GENERAL PURPOSE	HORSEPOWER - 2000	MAKE & TYPE AIR COMPRESSOR - WABCO 3000
CLASS OF LOCOMOTIVE - AGP-20 MSC	ENGINE GOVERNOR - WOODWARD P.G.	MAKE & TYPE HAND BRAKE - WABCO 1500
LOCOMOTIVE NUMBERS - 200-221	TOTAL WEIGHT PER ENG - 32,300 LBS.	AUTO SPEED CONTROL - YES
MODEL & DATE BUILT - ALCO, 1963-1964	TURBO SUPER CHARGER - MODEL 600	FIRE EXTINGUISHERS - 2 KUDOS 2.5
MIN. RADIUS OF CURVE - LOCO ONLY 59' (147')	NO. ENG. WATER RAD. UNITS - (1)	
MIN. RADIUS OF CURVE - LOCO COUPLED 30' (91')	RADIATOR FAN DRIVE - EDDY CURRENT CLUTCH	
ACTIVE EFFORT 25% ADH - 62,440 LBS.	NO. ENG. OIL HEAT EXCHANGERS - (1)	
CONTINUOUS RATING 43,400 LBS @ 14 MPH	MAKE & TYPE OF MAIN GEN. - G.E. GT-506	
FEED MPH. CONT. RATING	MAKE & TYPE OF AUXILIARY GEN. - G.E. SY 27	
FEED MPH. MAX. ALLOWABLE - 80 MPH.	MAKE & TYPE OF TRACT MOTORS - G.E. 752E (4)	
CONTROL - YES	TRACTION RATIO - 64:19	
TRANSITION - AUTOMATIC - YES	TRACTION MOTOR BLOWER - MECHANICAL	
MAKE & TYPE OF TRUCKS - 5 SE. DOUBLE TONNAGE	MAKE & TYPE OF BATTERY - EXIDE MF 420 KW	
WEIGHT OF TRUCK - 42,200 LBS.	AMP. HR. CAPY. - 420	
WEIGHT OF TRACTION MOTOR - 1505 LBS.	MAKE & SCHEDULE AIR BRAKE - WABCO 200	





TOTAL WT- 51,000 LBS. WORKING ORDER

GENERAL DATA

TYPE OF SERVICE: SWITCHING	TYPE OF JOURNAL BEARING: TIMKEN	HORSEPOWER: 150	MAKE & TYPE OF MAIN GEN: GE 6T 1510M
CLASS OF LOCOMOTIVE: G	DERAFT GEARS: 2	ENGINE GOVERNOR: MECHANICAL	MAKE & TYPE OF AUXILIARY GEN: GE 5T 1510M
LOCOMOTIVE NUMBER: 3001-300	COUPLERS: TYPE	TOTAL WEIGHT PER ENGINE: 51,000	MAKE & TYPE OF TRACT WTR: GE 1510M
BUILDER & DATE BUILT: DE BE	NAX. CAP OF SAND BOXES: 1-1/2 CU. FT.	TURBOSUPERCHARGER: NONE	GEAR RATIO: 15:1
MIN. RADIUS OF CURVE: 40 FT.	SANDERS MAKE & TYPE: 1-1/2 CU. FT.	NO. ENG. WATER RAD. UNITS: ONE	MAKE & TYPE OF BATTERY: GE 1510M
MIN. RADIUS OF CURVE: 40 FT.	FUEL OIL CAP. GALS.: 75 GALS.	RADIATOR FAN DRIVE: 1510M	MAKE & TYPE OF ENGINE: GE 1510M
TRACTIVE EFFORT: 32,000 LBS.	LUBE OIL CAP. GALS.: 50 GALS.	IN. ENGINE HEAT EXCHANGER: 1510M	MAKE & TYPE OF TRACT WTR: GE 1510M
TR. CONTINUOUS RATING: 1510M	ENG. COOLING WATER CAP. GALS.: 100 GALS.	MAKE & TYPE OF MAIN GEN: GE 6T 1510M	MAKE & TYPE OF BATTERY: GE 1510M
SPEED: MPH: 20 MPH	MAKE & TYPE STEAM GEN: 1510M	MAKE & TYPE OF AUXILIARY GEN: GE 5T 1510M	MAKE & TYPE OF TRACT WTR: GE 1510M
SPEED: MPH: 20 MPH	STEAM GEN HEATING WATER CAP. GALS.: 100 GALS.	MAKE & TYPE OF TRACT WTR: GE 1510M	MAKE & TYPE OF BATTERY: GE 1510M
HYD. CONTROL: NONE	STEAM GEN CAP. GALS.: 100 GALS.	MAKE & TYPE OF TRACT WTR: GE 1510M	MAKE & TYPE OF BATTERY: GE 1510M
TRANSITION: 1510M	MAKE & TYPE OF DIESEL ENGINE: GE 1510M	MAKE & TYPE OF TRACT WTR: GE 1510M	MAKE & TYPE OF BATTERY: GE 1510M
MAKE & TYPE OF DIESEL ENGINE: GE 1510M	ENGINE RPM: 1800	MAKE & TYPE OF TRACT WTR: GE 1510M	MAKE & TYPE OF BATTERY: GE 1510M
WEIGHT OF TRACK: 1510M	WEIGHT OF TRACK: 1510M	MAKE & TYPE OF TRACT WTR: GE 1510M	MAKE & TYPE OF BATTERY: GE 1510M
WEIGHT OF TRACK: 1510M	WEIGHT OF TRACK: 1510M	MAKE & TYPE OF TRACT WTR: GE 1510M	MAKE & TYPE OF BATTERY: GE 1510M



