



DESCRIPTION DATA

ALL STEEL CAR, LOW ALLOY HIGH TENSILE STRENGTH STEEL CONSTRUCTION THROUGHOUT. BUILT 1949 BY PULLMAN STD. CAR MFG. CO. AT CHICAGO.

EXTERIOR OF CAR - WINDOW PANEL FROM OBSERVATION END TO BODY END AT VESTIBULE AND ALSO ROOF "HUNTER GREEN" PAINT, ABOVE AND BELOW WINDOW STAINLESS STEEL FLUTED MOULDING, VESTIBULE - STAINLESS STEEL EXTERIOR - "HUNTER GREEN" INTERIOR. INTERIOR TRIM AND SOME STRUCTURAL DETAILS ARE ALUMINUM.

AVERAGE WEIGHT OF CAR WITHOUT PASSENGERS AND WATER - 126300 LBS., SALOON END - 66700 LBS., OPPOSITE SALOON END - 59600 LBS.

AVERAGE WEIGHT OF CAR BODY WITHOUT PASSENGERS - 88100 LBS., TRUCK WEIGHT, SALOON END - 19400 LBS., OPPOSITE SALOON END - 18800 LBS.

CARS EQUIPPED WITH REFRIGERATOR 8 TON SPLIT VAPOR AIR COND. SYSTEM HAVING "DOZER" AIR PURIFIERS, METAL FILTER AND DUCT TYPE AIR DELIVERY WITH VAPOR CO2, FULL AUTOMATIC TEMPERATURE CONTROL FOR HEATING AND COOLING. ELECTRICAL POWER FOR ENTIRE CAR FURNISHED BY SAFETY CO2. BODY HUNG GENERATOR (25 KW. GENERATOR AND 25 H.P.A.C. MOTOR) WITH SAFETY CO2 GENERATOR AND VOLTAGE CONTROLS.

LIGHTS - SAFETY CO2, CONTINUOUS CENTRELINE FLUORESCENT FIXTURE IN TAVERN AND LOUNGE COMPARTMENTS. SQUARE FLUORESCENT FIXTURE IN OBSERVATION COMPARTMENT AND FLUORESCENT FIXTURES AT VEST. END OF TAVERN COMPARTMENT AND IN SALOON. SAFETY CO2, 2 KW. MOTOR ALTERNATOR. INCANDESCENT FIXTURES IN ELECTRIC LOCKER, VESTIBULE AND SERVICE BAR. LOW VOLT - PRESSURE DOUBLE INDICATION BUILT-IN ELECTRIC MARKER LAMPS AT VEST. END AND PYLE NATIONAL CO2 DOUBLE INDICATION ELECTRIC MARKER LAMPS AT OBSERVATION END. FLUORESCENT FIXTURES IN DECORATIVE PANELS AT BACK BAR.

TRUCKS - B.S.C. CO2, 5 1/2" X 11" ALL COIL SPRING OUTSIDE SWING HANGER WITH PAPER ROLLER BEARINGS AND MONROE SHOCK ABSORBERS. NOISE INSULATED WITH PAPERKA PADS AND EQUIPPED WITH TRUCK MOUNTED 12" X 10" BRAKE CYLINDERS AND A.B.F. SIMPLEX CLASP BRAKE.

FURNITURE - DEPARTMENT WALL SEAT AND 2 BOOTH SECTIONS BUILT IN BY P.M.C. CO., 5-3 PASSENGER SOFAS BY GENERAL FIREPROOFING CO. IN TAVERN COMPARTMENT ALL UPHOLSTERED IN BOGALL CO2. "PUSH" RESOLITE. EXTERIOR OF CAR ALSO UPHOLSTERED IN "PUSH" RESOLITE WITH BEAKS. OBSERVATION END OBSERVATION COMPMT. HAS INDIVIDUAL LOUNGE CHAIRS AND 5-2 PASSENGER SOFAS BY GENERAL FIREPROOFING CO. ALL UPHOLSTERED IN BOGALL FABRIC MATERIAL. FIXED OVAL SHAPED TABLES IN TAVERN COMPARTMENT. MOVABLE OVAL SHAPED TABLE IN OBSERV. COMPMT. BOTH TABLES HAVE WOOD TOPS UPHOLSTERED WITH MECHIA FLOOR COVERING - PASSENGER COMPARTMENTS AND PASSAGEWAY COVERED WITH WILTON CARPETING. SALOON FLOOR SURFACED WITH TILED TILE. GREEN LOCKER, ELECTRIC LOCKER, BETWEEN OBSERVATION END DOORS AND BAR FLOOR ALL COVERED WITH 9" SQUARE BLACK, GOLD AND RED HOOB RUBBER TILE NO. 508.

WINDOWS - FIXED ALUMINUM DEHYDRATED 8-8 1/2" X 16" SOLEIL HEAT RESISTANT GLASS OUTSIDE, 1/2" LAMINATED SAFETY GLASS INSIDE, 1/2" LAMINATED SAFETY PRISM GLASS OUTSIDE, 1/2" LAM. SAFETY PLATE INSIDE.

STEAM HEAT - VAPOR CO2. UNIT FURNISHING WITH WIRE TUBE RETURN THERMOSTATICALLY CONTROLLED. CARS EQUIPPED WITH 2 1/2" STEAM TRAILINGS, VAPOR CO2, PLAYS TO END VALVES AND BARCO 2" STEAM HEAT CONNECTORS.

AIR BRAKES - W.A.S. CO2, SCHEDULE D-22-F WITH D2-AIR CONTROL VALVE, F-6 RELAY VALVE AND C-36 PY-90 AUTOMATIC SLACK ADJUSTERS. PEACOCK LEVER TYPE POWER HAD BRAKE ON VESTIBULE END ONLY.

INSULATION - JOHN'S MANVILLE CO2, "STONE FELT" TYPE "A" ROCKWOOL, FLOOR, ROOF AND SIDES 3" THICK - ENDS 2" THICK.

BATTERY - 24-CELL 36 CELL CAPS, 25,000 AMP. HOUR CAP., CURRENT SUPPLIED BY SAFETY CO2 GENERATOR WHICH IS ALSO USED FOR AIR COND. HOPPER - SINGLE PULP TYPE, 8 GPM. SYSTEM, HOT AND COLD QUANTITY WATER IN SALOON, VAPOR CO2, HOT WATER HEARER NO. 586-Z WITH NO. 215-C MIXING VALVE. BACHARZZE MANUAL CO2 HOT WATER SYSTEM, TOTAL WATER STORAGE CAPACITY - 238 GALLONS.

DRAFT GEAR - WAUGHMAY TWIN CUSHION W-6-D7, CAB ST. STEEL ROTARY OPERATED TIGHT LOCK COUPLE WITH C.S. YOKE. NO SUPPERS USED.

GENERATOR PILOT LAMP IS GREEN, PUBLIC ADDRESS SYSTEM PILOT LAMP IS AMPERE, COMPRESSOR PILOT LAMP IS WHITE, CARS HAVE PUMP WITHIN MANUFACTURE SYSTEM.

CARS ARE EQUIPPED WITH STAINLESS STEEL MONOGRAM PLATES AND NAME PLATES - CAR NAMES ARE - 475-WATCH HILL, 476-BUNKEE HILL.

N.Y., N.H. & H.R.R.
NEW HAVEN OCT. 21, 1949

DIAGRAM
STAINLESS STEEL SHEATHED
STREAMLINED OBSERVATION LOUNGE CARS
475-476,

CORRECT APPROVED

D.L. Gschell 25419 *Edward J. ...*
ASST. M.E. C.M.E.

DR TR CK IN
LH LH RR AT OBSERV. END

REV A 7/9/52
DIAP. SHOWN