

JMRI Locomotive File

Id: ATSF 2314

roadNumber="2314"
roadName="ATSF"
mfg="Overland Models"
model="ALCo HH-1000"
dccAddress="2314"
comment="Mfgd. 1999 Zebra Stripe "

Decoder: TSU-AT1000 Alco 539 (Turbo) family="Tsunami Diesel"
comment=" "

Variable: Primary Address (1-127) value="3"
Variable: Start Voltage (0-255) value="0"
Variable: Acceleration Rate (0-255) value="56"
Variable: Braking Rate (0-255) value="42"
Variable: Manufacturer Version ID value="64"
Variable: Manufacturer ID value="141"
Variable: BEMF Cutout (0-127 or 128-255) value="0"
Variable: Packet Time Out Value (0-255) value="0"
Variable: Power Source Conversion Type value="1"
Variable: Analog Mode Function Status - F1 value="0"
Variable: Analog Mode Function Status - F2 value="0"
Variable: Analog Mode Function Status - F3 value="0"
Variable: Analog Mode Function Status - F4 value="0"
Variable: Analog Mode Function Status - F5 value="0"
Variable: Analog Mode Function Status - F6 value="0"
Variable: Analog Mode Function Status - F7 value="0"
Variable: Analog Mode Function Status - F8 value="0"
Variable: Analog Mode Function Status - F0(f) value="1"
Variable: Analog Mode Function Status - F0(r) value="1"
Variable: Analog Mode Function Status - F9 value="0"
Variable: Analog Mode Function Status - F10 value="0"
Variable: Analog Mode Function Status - F11 value="0"
Variable: Analog Mode Function Status - F12 value="0"
Variable: CV Unlock Register (0-7) value="0"
Variable: CV Lock ID Code (0-7) value="0"
Variable: Extended Address (0001-9999) value="2314"

Variable: Consist Address (0-127) value="0"
Variable: Loco Direction In Consist value="0"
Variable: Consist Address Activation for F1 value="0"
Variable: Consist Address Activation for F2 value="0"
Variable: Consist Address Activation for F3 value="0"
Variable: Consist Address Activation for F4 value="0"
Variable: Consist Address Activation for F5 value="0"
Variable: Consist Address Activation for F6 value="0"
Variable: Consist Address Activation for F7 value="0"
Variable: Consist Address Activation for F8 value="0"
Variable: Consist Address Activation for F0(f) in Forward value="0"
Variable: Consist Address Activation for F0(r) in Reverse value="0"
Variable: Consist Address Activation for F9 value="0"
Variable: Consist Address Activation for F10 value="0"
Variable: Consist Address Activation for F11 value="0"
Variable: Consist Address Activation for F12 value="0"
Variable: Consist Acceleration Rate (0-127) value="0"
Variable: Consist Acceleration Sign value="0"
Variable: Consist Braking Rate (0-127) value="0"
Variable: Consist Braking Sign value="0"
Variable: Speed Table Selection value="2"
Variable: Locomotive's Normal Direction of Motion value="1"
Variable: Speed Steps value="1"
Variable: Alternate Power Source Enable value="0"
Variable: Use Speed Table value="0"
Variable: Extended Address Mode value="1"
Variable: CV Lock Enable value="0"
Variable: CV Clear (CVCLR) value="0"
Variable: Function Group 2 and 3 Exchange value="0"
Variable: FL(f) controls Headlight value="1"
Variable: FL(f) controls Backup Light value="1"
Variable: FL(f) controls output Air Horn value="0"
Variable: FL(f) controls output Bell value="0"
Variable: FL(f) controls output FX5 value="0"
Variable: FL(f) controls output FX6 value="0"
Variable: FL(f) controls output Dynamics value="0"
Variable: FL(f) controls output Short Horn value="0"
Variable: FL(r) controls Headlight value="1"
Variable: FL(r) controls Backup Light value="1"
Variable: FL(r) controls output Air Horn value="0"
Variable: FL(r) controls output Bell value="0"
Variable: FL(r) controls output FX5 value="0"
Variable: FL(r) controls output FX6 value="0"

Variable: FL(r) controls output Dynamics value="0"
Variable: FL(r) controls output Short Horn value="0"
Variable: F1 controls Headlight value="0"
Variable: F1 controls Backup Light value="0"
Variable: F1 controls output Air Horn value="0"
Variable: F1 controls output Bell value="1"
Variable: F1 controls output FX5 value="0"
Variable: F1 controls output FX6 value="0"
Variable: F1 controls output Dynamics value="0"
Variable: F1 controls output Short Horn value="0"
Variable: F2 controls Headlight value="0"
Variable: F2 controls Backup Light value="0"
Variable: F2 controls output Air Horn value="1"
Variable: F2 controls output Bell value="0"
Variable: F2 controls output FX5 value="0"
Variable: F2 controls output FX6 value="0"
Variable: F2 controls output Dynamics value="0"
Variable: F2 controls output Short Horn value="0"
Variable: F3 controls output Bell value="0"
Variable: F3 controls output FX5 value="0"
Variable: F3 controls output FX6 value="0"
Variable: F3 controls output Dynamics value="0"
Variable: F3 controls output Short Horn value="1"
Variable: F3 controls output Fans(+) value="0"
Variable: F3 controls output Dimming value="0"
Variable: F4 controls output Bell value="0"
Variable: F4 controls output FX5 value="0"
Variable: F4 controls output FX6 value="0"
Variable: F4 controls output Dynamics value="0"
Variable: F4 controls output Short Horn value="0"
Variable: F4 controls output Fans(+) value="0"
Variable: F4 controls output Dimming value="1"
Variable: F5 controls output Bell value="0"
Variable: F5 controls output FX5 value="0"
Variable: F5 controls output FX6 value="0"
Variable: F5 controls output Dynamics value="0"
Variable: F5 controls output Short Horn value="0"
Variable: F5 controls output Fans(+) value="0"
Variable: F5 controls output Dimming value="0"
Variable: F6 controls output Bell value="0"
Variable: F6 controls output FX5 value="0"
Variable: F6 controls output FX6 value="0"
Variable: F6 controls output Dynamics value="0"

Variable: F6 controls output Short Horn value="0"
Variable: F6 controls output Fans(+) value="0"
Variable: F6 controls output Dimming value="0"
Variable: F7 controls output Dynamics value="0"
Variable: F7 controls output Short Horn value="0"
Variable: F7 controls output Fans(+) value="0"
Variable: F7 controls output Dimming value="0"
Variable: F7 controls output Mute value="0"
Variable: F7 controls output Comp(-) value="0"
Variable: F7 controls output Brakes value="1"
Variable: F8 controls output Dynamics value="0"
Variable: F8 controls output Short Horn value="0"
Variable: F8 controls output Fans(+) value="0"
Variable: F8 controls output Dimming value="0"
Variable: F8 controls output Mute value="1"
Variable: F8 controls output Comp(-) value="0"
Variable: F8 controls output Brakes value="0"
Variable: F9 controls output Dynamics value="0"
Variable: F9 controls output Short Horn value="0"
Variable: F9 controls output Fans(+) value="1"
Variable: F9 controls output Dimming value="0"
Variable: F9 controls output Mute value="0"
Variable: F9 controls output Comp(-) value="0"
Variable: F9 controls output Brakes value="0"
Variable: F10 controls output Short Horn value="0"
Variable: F10 controls output Fans(+) value="0"
Variable: F10 controls output Dimming value="0"
Variable: F10 controls output Mute value="0"
Variable: F10 controls output Comp(-) value="0"
Variable: F10 controls output Brakes value="0"
Variable: F10 controls output Coupler value="0"
Variable: F11 controls output Short Horn value="0"
Variable: F11 controls output Fans(+) value="0"
Variable: F11 controls output Dimming value="0"
Variable: F11 controls output Mute value="0"
Variable: F11 controls output Comp(-) value="0"
Variable: F11 controls output Brakes value="0"
Variable: F11 controls output Coupler value="0"
Variable: F12 controls output Short Horn value="0"
Variable: F12 controls output Fans(+) value="0"
Variable: F12 controls output Dimming value="0"
Variable: F12 controls output Mute value="0"
Variable: F12 controls output Comp(-) value="0"

Variable: F12 controls output Brakes value="0"
Variable: F12 controls output Coupler value="0"
Variable: Analog Horn Control (0-255) value="0"
Variable: Headlight F0(f) Effect Selection value="1"
Variable: Headlight F0(f) Phase Selection value="0"
Variable: Headlight F0(f) Grade Crossing Logic value="0"
Variable: Headlight F0(f) Rule 17 Mode value="0"
Variable: Headlight F0(f) Light Type value="0"
Variable: Backup Light F0(r) Effect Selection value="1"
Variable: Backup Light F0(r) Phase Selection value="0"
Variable: Backup Light F0(r) Grade Crossing Logic value="0"
Variable: Backup Light F0(r) Rule 17 Mode value="0"
Variable: Backup Light F0(r) Light Type value="0"
Variable: FX5 Effect Selection value="1"
Variable: FX5 Phase Selection value="0"
Variable: FX5 Grade Crossing Logic value="0"
Variable: FX5 Light Type value="0"
Variable: FX6 Effect Selection value="15"
Variable: FX6 Phase Selection value="0"
Variable: FX6 Grade Crossing Logic value="0"
Variable: FX6 Light Type value="0"
Variable: Hyperlight Flash Rate (0-15) value="3"
Variable: Grade Crossing Hold Time (0-15) value="4"
Variable: F11 Braking Rate (0-127) value="0"
Variable: F11 Braking Sign value="0"
Variable: Transponding Control value="0"
Variable: Analog Mode Motor Start Voltage (0-255) value="20"
Variable: Analog Mode Max Motor Voltage (0-255) value="180"
Variable: Forward Trim (0-255) value="64"
Variable: Speed Table
value="9,18,27,36,45,55,64,73,82,91,100,109,118,127,137,146,155,164,
173,182,191,200,209,219,228,237,246,255"
Variable: Reverse Trim (0-255) value="64"
Variable: User Identifier #1 (0-255) value="11"
Variable: User Identifier #2 (0-255) value="0"
Variable: Auto Air Compressor Enable value="1"
Variable: Auto Radiator Fan Enable value="0"
Variable: Quiet Mode Timeout Period value="0"
Variable: Bell Ring Rate value="1"
Variable: Airhorn Select value="0"
Variable: Alternate Airhorn Select value="0"
Variable: Auto Engine Start Enable value="1"
Variable: Dynamic Brake Override value="0"

Variable: Engine RPM Interlock value="0"
Variable: Engine Notch Rate value="15"
Variable: Motor Recovery Speed (0-255) value="204"
Variable: Master Volume Control value="72"
Variable: Airhorn Volume value="156"
Variable: Bell Volume value="24"
Variable: Engine Exhaust Volume value="132"
Variable: Air Compressor Volume value="72"
Variable: Dynamic Brake Volume value="0"
Variable: Radiator Fans Volume value="118"
Variable: Coupler Volume value="128"
Variable: Brake Squeal Volume value="128"
Variable: Brake Release Volume value="64"
Variable: Air Tank Poppet Valve Volume value="80"
Variable: Equalizer Control value="7"
Variable: 62 Hz Cut/Boost value="255"
Variable: 125 Hz Cut/Boost value="198"
Variable: 250 Hz Cut/Boost value="162"
Variable: 500 Hz Cut/Boost value="128"
Variable: 1K Hz Cut/Boost value="128"
Variable: 2K Hz Cut/Boost value="178"
Variable: 4K Hz Cut/Boost value="222"
Variable: Reverb Control value="0"
Variable: Reverb Output Level value="128"
Variable: Reverb Delay value="255"
Variable: Reverb Gain value="64"
Variable: Horn Reverb Level value="0"
Variable: Bell Reverb Level value="0"
Variable: Engine Exhaust Reverb Level value="0"
Variable: Air Compressor Reverb Level value="0"
Variable: Bell-On Set Point value="15"
Variable: Bell-Off Set Point value="19"
Variable: Grade Crossing Airhorn Sensitivity value="4"
Variable: Brake Squeal Sensitivity value="3"
Variable: Automatic Grade Crossing Horn Enable (Analog Mode) value="0"
Variable: Automatic Horn Signal Enable (Analog Mode) value="0"
Variable: Automatic Bell Enable (Analog Mode) value="0"
Variable: Automatic Brake Squeal Enable (Analog Mode) value="0"
Variable: Automatic Grade Crossing Horn Enable value="0"
Variable: Automatic Horn Signal Enable value="0"
Variable: Automatic Bell Enable value="0"
Variable: Automatic Brake Squeal Enable value="0"

Variable: Motor Kp Coefficient (0-255) value="29"
Variable: Motor Ki Coefficient (0-255) value="18"
Variable: Motor Control Intensity (0-255) value="80"
Variable: Motor Control Sample Period (0-31) value="15"
Variable: Motor Control Sample Aperture Time (0-255) value="15"

CV: 1 value="3"
CV: 2 value="0"
CV: 3 value="56"
CV: 4 value="42"
CV: 7 value="64"
CV: 8 value="141"
CV: 10 value="0"
CV: 11 value="0"
CV: 12 value="1"
CV: 13 value="0"
CV: 14 value="3"
CV: 15 value="0"
CV: 16 value="0"
CV: 17 value="201"
CV: 18 value="10"
CV: 19 value="0"
CV: 21 value="0"
CV: 22 value="0"
CV: 23 value="0"
CV: 24 value="0"
CV: 25 value="2"
CV: 29 value="35"
CV: 30 value="0"
CV: 33 value="3"
CV: 34 value="3"
CV: 35 value="8"
CV: 36 value="4"
CV: 37 value="16"
CV: 38 value="128"
CV: 39 value="0"
CV: 40 value="0"
CV: 41 value="128"
CV: 42 value="32"
CV: 43 value="8"
CV: 44 value="0"
CV: 45 value="0"

CV: 46 value="0"
CV: 47 value="0"
CV: 49 value="1"
CV: 50 value="1"
CV: 51 value="1"
CV: 52 value="15"
CV: 59 value="3"
CV: 60 value="4"
CV: 61 value="0"
CV: 62 value="0"
CV: 63 value="20"
CV: 64 value="180"
CV: 66 value="64"
CV: 67 value="9"
CV: 68 value="18"
CV: 69 value="27"
CV: 70 value="36"
CV: 71 value="45"
CV: 72 value="55"
CV: 73 value="64"
CV: 74 value="73"
CV: 75 value="82"
CV: 76 value="91"
CV: 77 value="100"
CV: 78 value="109"
CV: 79 value="118"
CV: 80 value="127"
CV: 81 value="137"
CV: 82 value="146"
CV: 83 value="155"
CV: 84 value="164"
CV: 85 value="173"
CV: 86 value="182"
CV: 87 value="191"
CV: 88 value="200"
CV: 89 value="209"
CV: 90 value="219"
CV: 91 value="228"
CV: 92 value="237"
CV: 93 value="246"
CV: 94 value="255"
CV: 95 value="64"
CV: 105 value="11"

CV: 106 value="0"
CV: 112 value="1"
CV: 113 value="0"
CV: 114 value="1"
CV: 115 value="0"
CV: 116 value="47"
CV: 118 value="204"
CV: 128 value="72"
CV: 129 value="156"
CV: 130 value="24"
CV: 131 value="132"
CV: 132 value="72"
CV: 133 value="0"
CV: 134 value="118"
CV: 137 value="128"
CV: 139 value="128"
CV: 140 value="64"
CV: 143 value="80"
CV: 153 value="7"
CV: 154 value="255"
CV: 155 value="198"
CV: 156 value="162"
CV: 157 value="128"
CV: 158 value="128"
CV: 159 value="178"
CV: 160 value="222"
CV: 161 value="0"
CV: 162 value="128"
CV: 163 value="255"
CV: 164 value="64"
CV: 169 value="0"
CV: 170 value="0"
CV: 171 value="0"
CV: 172 value="0"
CV: 193 value="15"
CV: 194 value="19"
CV: 195 value="4"
CV: 196 value="3"
CV: 197 value="0"
CV: 198 value="0"
CV: 209 value="29"
CV: 210 value="18"
CV: 212 value="80"

CV: 213 value="15"
CV: 214 value="15"

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