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WELCOME TO THE AUTOMATED COMMUTER TRAIN SYSTEM!

Press enter to begin the first test run.

Starting Test Run 1...Test for speed below minimum.

TRAIN AT UNSAFE SPEED. ACCELERATING TO THRESHOLD SPEED.

BRAKES DISENGAGED.

ENGINE ENGAGED.

Current Speed: 21

Current Speed: 22

Current Speed: 23

Current Speed: 24

Current Speed: 25

Current Speed: 26

Current Speed: 27

Current Speed: 28

Current Speed: 29

Current Speed: 30

Current Speed: 31

Current Speed: 32

Current Speed: 33

Current Speed: 34

Current Speed: 35

Current Speed: 36

Current Speed: 37

Current Speed: 38

Current Speed: 39

Current Speed: 40

Current Speed: 41

Current Speed: 42

Current Speed: 43

Current Speed: 44

Current Speed: 45

TRAIN NOW AT SAFE THRESHOLD SPEED OF: 45 MPH.

End of Test Run 1.

Press enter to begin the second test run.

Starting Test Run 2...Test for speed above maximum.

TRAIN AT UNSAFE SPEED. DECELERATING TO THRESHOLD SPEED.

ENGINE DISENGAGED.

PHASE I BRAKES ENGAGED.

Current Speed: 69

Current Speed: 68

Current Speed: 67

Current Speed: 66

Current Speed: 65

Current Speed: 64

Current Speed: 63

Current Speed: 62

Current Speed: 61

Current Speed: 60

Current Speed: 59

Current Speed: 58

Current Speed: 57

Current Speed: 56

Current Speed: 55

Current Speed: 54

Current Speed: 53

Current Speed: 52

Current Speed: 51

Current Speed: 50

Current Speed: 49

Current Speed: 48

Current Speed: 47

Current Speed: 46

Current Speed: 45

TRAIN NOW AT SAFE THRESHOLD SPEED OF: 45 MPH.

End of Test Run 2.

Press enter to begin the third test run.

Starting Test Run 3...Test for stop request, but no location available.

NO LOCATION TO STOP AT. TRAIN WILL STOP AT NEXT LOCATION.

TRAIN IS IN CRUISE MODE AT 45 MPH.

End of Test Run 3.

Press enter to begin the fourth test run.

Starting Test Run 4...Test for stop request, with location available.

STOP REQUESTED.

ENGINE DISENGAGED.

PHASE I BRAKES ENGAGED.

Current Speed: 44

Current Speed: 43

Current Speed: 42

Current Speed: 41

Current Speed: 40

Current Speed: 39

Current Speed: 38

Current Speed: 37

Current Speed: 36

Current Speed: 35

Current Speed: 34

Current Speed: 33

Current Speed: 32

Current Speed: 31

Current Speed: 30

Current Speed: 29

Current Speed: 28

Current Speed: 27

Current Speed: 26

Current Speed: 25

Current Speed: 24

Current Speed: 23

Current Speed: 22

Current Speed: 21

Current Speed: 20

Current Speed: 19

Current Speed: 18

Current Speed: 17

Current Speed: 16

Current Speed: 15

Current Speed: 14

Current Speed: 13

Current Speed: 12

Current Speed: 11

Current Speed: 10

Current Speed: 9

Current Speed: 8

Current Speed: 7

Current Speed: 6

Current Speed: 5

Current Speed: 4

Current Speed: 3

Current Speed: 2

Current Speed: 1

Current Speed: 0

ARRIVED AT DESTINATION!

End of Test Run 4.

Press enter to begin the fifth test run.

Starting Test Run 5...Test for emergency stop.

EMERGENCY STOP NEEDED.

ENGINE DISENGAGED.

PHASE I BRAKES ENGAGED.

PHASE II BRAKES ENGAGED.

Current Speed: 40

Current Speed: 35

Current Speed: 30

Current Speed: 25

Current Speed: 20

Current Speed: 15

Current Speed: 10

Current Speed: 5

Current Speed: 0

EMERGENCY STOP SUCCESSFUL!

End of Test Run 5.

Press enter to begin the sixth test run.

Starting Test Run 6...Test for engine failure.

ENGINE FAILURE!

EMERGENCY STOP NEEDED.

ENGINE DISENGAGED.

PHASE I BRAKES ENGAGED.

PHASE II BRAKES ENGAGED.

Current Speed: 40

Current Speed: 35

Current Speed: 30

Current Speed: 25

Current Speed: 20

Current Speed: 15

Current Speed: 10

Current Speed: 5

Current Speed: 0

EMERGENCY STOP SUCCESSFUL!

End of Test Run 6.

END OF TEST RUNS!!