



dovetail  
GAMES

# EMD SD60M Union Pacific



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## 1 Background

### 1.1 SD60M

In the 1980s, the EMD SD40-2 proved itself to be a very reliable product, but when the competitor, General Electric, developed more powerful and technologically advanced locomotives, EMD needed to keep up, and thus the SD50 was developed. However, the SD50 proved to be extremely unreliable, suffering from crankshaft and technological bugs and issues. EMD therefore commenced the development of the EMD SD60 which proved to be more reliable and fuel efficient than the SD50.

The SD60 was considered a success; 1,140 were produced, with 463 being the SD60M model.

The SD60M version was modified to include a full width short hood and feature a "North American safety cab" design. Early units used the Canadian "Tri-clops" wide cab (named because of its 3 windows at the front), later units received the EMD Phase I safety cab (with 2 windows).

### 1.2 Design & Specification

|                       |                                  |
|-----------------------|----------------------------------|
| <b>Builder</b>        | GM Electro-Motive Division (EMD) |
| <b>Vehicle Length</b> | 71ft 2ins (22m)                  |
| <b>Fuel Capacity</b>  | 4,500 US Gal                     |
| <b>Vehicle Power</b>  | 3,800hp (2,800kW)                |
| <b>Top Speed</b>      | 70 MPH (112km/h)                 |
| <b>Brake Types</b>    | Air                              |

## 2 Rolling Stock

### 2.1 Union Pacific SD60M



## 3 Driving the SD60M

### 3.1 Cab Controls



- |   |                    |    |                   |
|---|--------------------|----|-------------------|
| 1 | Headlights         | 7  | Train Brake       |
| 2 | Sander             | 8  | Engine Brake      |
| 3 | Bell               | 9  | Instrument Lights |
| 4 | Horn               | 10 | Cab Light         |
| 5 | Reverser           | 11 | Wipers            |
| 6 | Throttle and Brake |    |                   |

## 4 Scenarios

### 4.1 Simple Controls Training: SD60M Union Pacific

Learn to drive the SD60M using simple controls.

- **Duration**                    **15 minutes**

### 4.2 Expert Controls Training: SD60M Union Pacific

Learn to drive the SD60M using expert controls.

- **Duration**                    **15 minutes**

### 4.3 Rest and Rehabilitation

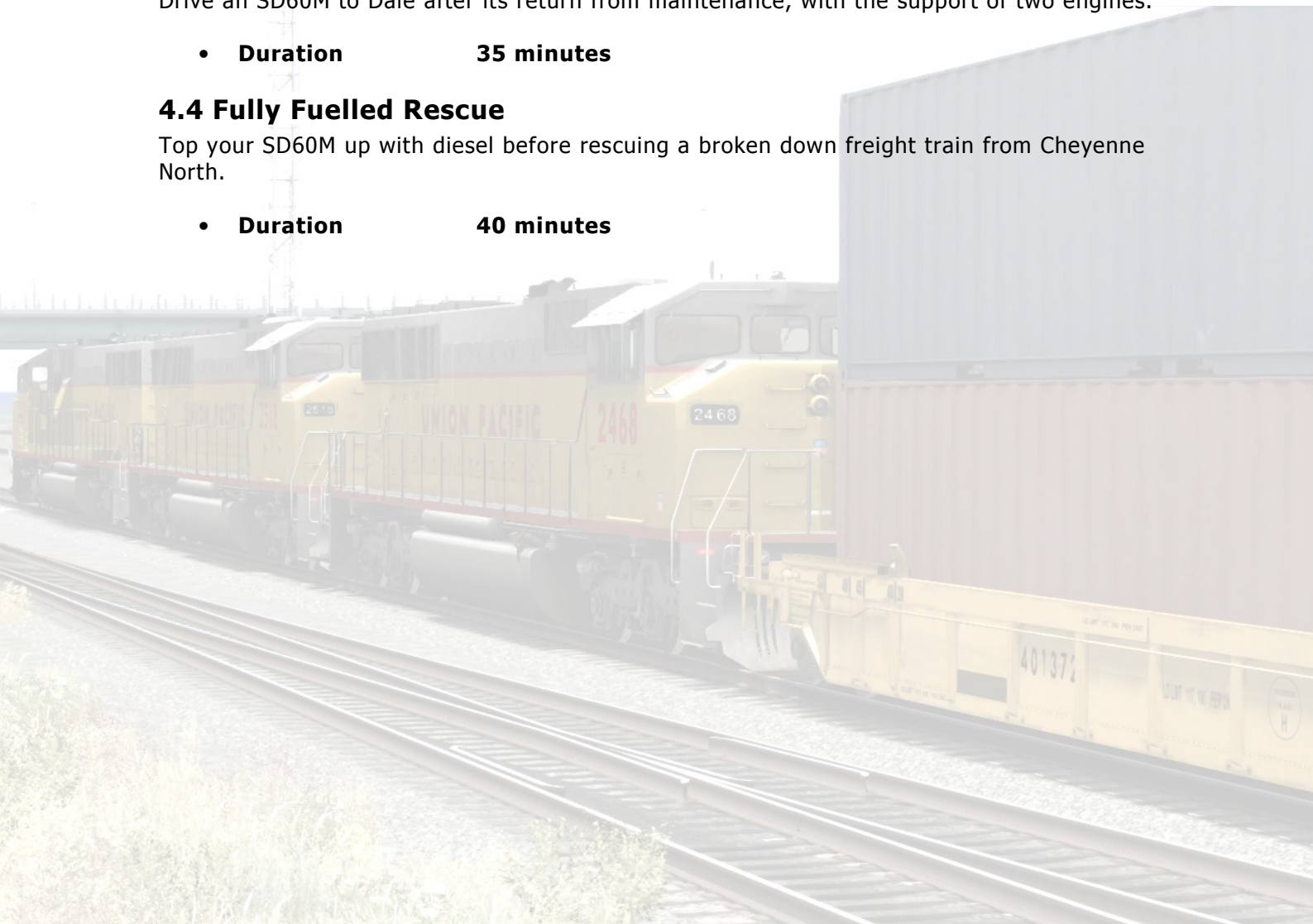
Drive an SD60M to Dale after its return from maintenance, with the support of two engines.

- **Duration**                    **35 minutes**

### 4.4 Fully Fuelled Rescue

Top your SD60M up with diesel before rescuing a broken down freight train from Cheyenne North.

- **Duration**                    **40 minutes**



## 5 Acknowledgements

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