

## **A-10 Mainline with 2 Branch Lines (Right-Hand Turnouts) Track Layout Illustration- General Description**

The A-10 layout is a mainline track configuration that includes two branch lines, utilizing right-hand turnouts to facilitate branching. This layout consists of five distinct blocks labeled as Block 2, Block 3, Block 4, Block 5, and Block 6, allowing for organized control and segmentation of train movements within each block.

The layout features a total of four signals: three single-headed signals and one triple-headed signal. The triple-headed signal, located in Block 2, provides additional control options for trains entering or leaving the mainline, accommodating the routing needs for both mainline and branch line operations.

Two turnouts, designated as SW-A and SW-C, are present in this layout. SW-A serves as the initial diverging point from the mainline into one of the branch lines, while SW-C allows a second branch line connection, expanding the operational flexibility of the track. These turnouts enable trains to transition smoothly between the mainline and the respective branch lines, enhancing routing capabilities for diverse operations.

This configuration is suited for layouts where trains need to access branch lines from a mainline track, providing an efficient setup for complex routing and operational diversity within a relatively compact track arrangement. The use of signals and blocks ensures precise control, maintaining safe and organized train movements throughout the layout.