Caltrain’s first complete electric multiple unit trainset assembled

The trainset is currently running in Salt Lake City to make sure amenities are working as they should, along with other safety checks.

From — Caltrain

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Caltrain's first complete electric multiple unit trainset (EMU) has been assembled at the Stadler plant in Salt Lake City, Utah, following a three-year design phase.

This trainset is expected to arrive at Caltrain’s railyards in 2021. Currently, the train will be running in Salt Lake City on a one-kilometer (.6 mile) track up to 20 miles per hour to make sure the amenities are working as they should, checking for ride quality, noise and vibration, as well as making sure the air conditioning, lighting and Wi-Fi are up to speed.

From there, the trainset will head to a larger track in Pueblo, Colo., where it will be tested at and above the top speeds allowed on Caltrain’s corridor. These tests will simulate the conditions the trainset will be operating under. Part of this is the official testing used by the Federal Railroad Administration to certify the train for passenger service. During this same period, one car of a seven-car trainset will make the trip to Elmira, N.Y., where it will be put in a climate room to ensure it can operate properly under a range of environmental conditions.

The EMUs will offer a quieter ride than Caltrain’s current fleet. The electric trainset provides a smoother riding experience due to improved modern-day air suspension system. The testing shows the automated announcements are coming through clear and concise, which will allow conductors to focus more on passengers and prevent riders from missing their stops.