Summary of High-Speed Test Train

- **Faster running speed**
  - New type pantograph for high-speed power collection
  - Brake mechanism for stopping at high speeds

- **High-output, small and lightweight, low noise main circuit system**

- **Eco-friendliness**
  - Noise control
  - All parts of car body flat and smooth
  - Space between cars is covered all around
  - Pantograph noise insulation panel
  - New low-noise pantograph
  - Sound-absorbing structure under floor

- **Tapered nose to minimize boom when entering tunnels at high speed**
  (comparison of two different shapes)

- **Car shape inhibits snow from sticking**
- **Confirming reliability of running components**

- **Reliability assurance**

- **Improved bogie suspension system**
- **Improved active pitch control system**

- **Greater comfort**
  - Quieter interior
  - Better sound insulation windows

- **More comfortable ride on curves**
  - Air spring stroke car tilting system