**Pilot Report:**

The Learjet 75 is the latest in Learjet’s latest series of business jets. The company has done an excellent job of making this one a top-notch performer. It is the perfect combination of luxury, high performance, and user-friendly systems. With its new Vision® cockpit, the Learjet 75 has the latest in avionics which not only make it easier to fly, but also safer to fly.

**Physical Description:**
- The Learjet 75 is in line with the typical Learjet business jet size. It is a twin-engine jet with a T-tail. The fuselage is aluminum and the wings are composite.
- The Learjet 75 is 67 feet long, with a wingspan of 49 feet and a height of 16 feet. The aircraft has a gross weight of 26,200 pounds.
- The Learjet 75 has a range of 2,040 nautical miles with a maximum cruise speed of 425 knots.
- The cabin is spacious with a maximum seating capacity of 8 passengers. The forward cabin has two lounge areas, and the rear cabin has a conference area.

**Flight Test:**
- The flight test was performed by a certified pilot, and the aircraft was flown by a certified flight engineer.
- The flight test began with a takeoff at Learjet’s headquarters at Wichita’s Mid-Continent Airport, and the flight was conducted under IFR conditions.
- The flight test lasted for about two hours, during which the aircraft was flown at various altitudes and speeds.
- The aircraft was flown in a variety of weather conditions, including clear skies and high winds.
- The flight test was conducted in compliance with all FAA and Learjet regulations.

**Flight Performance:**
- The Learjet 75 has a maximum takeoff weight of 34,200 pounds.
- The aircraft has a maximum cruise speed of 425 knots and a range of 2,040 nautical miles.
- The Learjet 75 has a gross weight of 26,200 pounds.
- The aircraft has a maximum range of 2,040 nautical miles.

**Avionics:**
- The Learjet 75 is equipped with the latest in avionics, including a Honeywell G5000 Flight Deck.
- The G5000 Flight Deck includes a touch-screen display, a weather radar, and a traffic alert and collision avoidance system.
- The G5000 Flight Deck also includes a visual proximity alert system, which helps pilots avoid collisions.

**Conclusion:**
- The Learjet 75 is an excellent performer, with a range of 2,040 nautical miles and a maximum cruise speed of 425 knots.
- The aircraft is easy to fly, with user-friendly systems and a comfortable cockpit.
- The Learjet 75 is an excellent choice for business aviation, with its range, performance, and avionics.