TRANSFORMATIONAL ATC REFORM WILL ACCELERATE THE BENEFITS OF NEXTGEN

NextGen allows for more precise takeoffs and landings, which ease airspace congestion, reduce flight time and lower emissions.

**Airport approaches before and after NextGen**

- **Conventional Descent**
  Planes must travel in a stair-step approach, which reduces operational efficiency and creates additional emissions by burning more jet fuel.

- **Continuous Descent**
  Planes approach the runway from the most optimal path, which reduces flying time, minimizes delays and lowers emissions.

**Airport departures before and after NextGen**

With NextGen, more planes can depart at smaller angles between flight paths, increasing operational efficiency, reducing congestion and enhancing safety.

**Source:** FAA, “PBN NAS Navigation Strategy 2016”