

NextGen is transforming the way our nation flies.

The movement to the next generation of aviation is enabled by the shift from radar to satellite. From ground based infrastructure to new smart technology. With increasingly congested skies, NextGen is creating a more precise and predictable system that reduces delays from gate to gate.

NextGen means less time on the ground with new departure communication between pilots and air traffic control. It also equals less time in the air with more direct routes, and will deliver a smoother and faster arrival for an overall better travel experience. More efficient and streamlined flights will also reduce our consumption of fuel and decrease our noise and carbon footprint.

Reducing our Carbon Footprint

NextGen will reduce CO2 emissions an estimated 14 million metric tons and save more than 14 billion gallons of fuel by the end of the decade. That equates to 2.7 million cars off the road.

Aviation drives our Economy

Aviation is a vital contributor to our nation's economic health and NextGen is the required modernization of a key national industry.

The aviation industry:

-  • Contributes \$1.3 trillion annually in total economic activity
-  • Generates nearly 10.2 million jobs with \$394.4 billion in earnings
-  • Generates \$785 billion annually in value-added economic activity
-  • Accounts for 5.2 percent of the Gross Domestic Product (GDP)
-  • More than \$562 billion in goods are shipped by air every year

Better Passenger Experience

The benefits of NextGen are exponential. In 2011 passengers flew 815 billion miles and that is expected to grow to 1.57 trillion by 2032.

By implementing NextGen we can shave crucial minutes off of flight times. Those minutes translate into time and money saved and a better experience for the traveling public.

Delivering the world's safest skies

The FAA's top priority is ensuring safe skies, and NextGen's innovation and improvements will deliver just that.

NextGen weather identifies emerging weather patterns, giving air traffic management and pilots the tools to proactively identify and resolve hazards.



FAA

NextGEN