

NextGen Metroplex – Charlotte

The FAA is redesigning airspace and addressing airspace inefficiencies, introducing new Performance Based Navigation (PBN) procedures and making use of Time Based Flow Management (TBFM) to make the Charlotte Metroplex airspace more efficient and improving access to its airports. The effort focuses on a number of airports, including Columbia Metropolitan (CAE), Charlotte-Douglas International (CLT), Piedmont Triad International (GSO), Greenville-Spartanburg International (GSP), Concord Regional (JQF), and Raleigh-Durham International (RDU).

All results are reported by Fiscal Year (FY), October 1 — September 30.

Charlotte Average Daily Metroplex Traffic (FY09–FY13)

Source: Operational Network (OPSNET)

View as: [Chart](#) [Table](#)

Commercial Air Carriers

General Aviation

Military

Average Daily Traffic

FY	Commercial Air Carrier	General Aviation	Military	Total Operations
2009	2,150	489	32	2,671
2010	2,091	494	31	2,617
2011	2,160	528	34	2,723
2012	2,164	517	34	2,716
2013	2,158	503	34	2,696

Average Daily Scheduled Flights

Source: Bureau of Transportation Statistics (BTS)/Air Carrier Statistics Database

View as: [Chart](#) [Table](#)

Average Daily Scheduled Flights

FY	2009	2010	2011	2012	2013
Scheduled Flights	1,999	1,959	2,046	2,028	1,890

Projected Annual Benefits

Source: FAA

\$10.2 Million

Value of Fuel Savings

3.7 Million Gallons

Fuel Savings

35.0 Thousand Metric Tons

Carbon Savings

These are annual benefits expected to accrue upon completion of the NextGen near-term procedural improvements implemented by the FAA's Metroplex program. They are based on the FAA's preliminary assessment of proposed airspace improvements compared to operations in a year before any improvements were made. The value of the projected fuel savings is based on prevailing fuel prices at the time the analysis was conducted and could therefore differ from values used for other metroplexes. The data estimates are current as of July 2013.

Charlotte Metroplex Airports

CAE

Columbia Metropolitan Airport

CLT

Charlotte-Douglas International Airport

GSO

Piedmont Triad International Airport

GSP

Greenville-Spartanburg International Airport

JQF

Concord Regional Airport

RDU

Raleigh-Durham International Airport