

FAA Facts

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Federal Aviation Administration, Washington, D.C. 20591

Performance Based Navigation: Untangling the Airspace

The Federal Aviation Administration's Next Generation Air Transportation System, or NextGen, is the **ongoing transformation of air traffic control technologies and procedures** in the United States.

You might think of this transition as similar to moving from paper maps to GPS when you drive your car.

Performance Based Navigation (PBN) is part of NextGen:

- **PBN allows the FAA to improve traffic movement** by making the best use of airspace and procedures.
 - PBN uses satellite-based navigation and on-board aircraft equipment.
 - It provides benefits through all phases of flight.
 - It creates shorter, more direct flight paths, increasing safety through predictability.
 - It improves airport arrival rates.
- PBN is a core component of international initiatives designed to meet industry and air traffic goals for increased safety and efficiency.

Columbus, Ohio

The airspace surrounding Columbus has a large number of air traffic procedures that have not changed for many years.

- **While these procedures are safe, some are inefficient** due to advances in technology.
- This is one of the reasons why the airspace surrounding Columbus has been identified for PBN procedures.

Planes arriving and departing from John Glenn Columbus International Airport (CMH) may use new flight paths.

- Not all communities may see any differences from the proposed changes. However, some people living or working under current air traffic patterns may see and/or hear aircraft as a result of the proposed designs.
- There may be communities that have less noise from these changes.

Community Input

Input from people living and working near the airport is vitally important. The FAA will hold community workshops to discuss the proposed changes.

The workshops are tentatively scheduled to be held in Summer 2017. Exact dates, locations and times will be listed on our website, below.

- Interested? You are encouraged to attend. You will be able to meet and speak with air traffic experts to learn how these proposed air traffic changes could affect your community.
- You will also be able to make written comments at these community meetings.
- All comments will be reviewed before the FAA finalizes the project, with implementation projected in late 2018 or early 2019.

For up-to-date information, please review the project website:

<http://www.faa.gov/nextgen/communityengagement/cmh>

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