

NOTICE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
Air Traffic Organization Policy

N JO 7110.629

Effective Date:
August 5, 2013

Cancellation Date:
February 6, 2014

SUBJ: Takeoff Roll

1. Purpose of This Notice: The purpose of this notice is to provide a definition of takeoff roll to the Pilot/Controller Glossary for air traffic control tower personnel to use throughout the National Airspace System (NAS).

2. Audience. This notice applies to the following Air Traffic Organization (ATO) service units: En Route and Oceanic, Terminal, Mission Support, and System Operations; and all associated air traffic control facilities.

3. Where Can I Find This Notice? This notice is available on the MyFAA employee Web site at https://employees.faa.gov/tools_resources/orders_notices/ and on the air traffic publications Web site at http://www.faa.gov/air_traffic/publications/.

4. Explanation of Change. This notice amends the Pilot/Controller Glossary (PCG) by adding a definition of takeoff roll that includes how it is applied, and when takeoff roll commences. The interpretation included in the DCP has been vetted through various lines of business and meets the criteria of the SMS process. A team of subject matter experts composed of air traffic controllers, pilots, and safety engineers concurred that the definition is not a change to aircraft separation standards.

5. Procedures: Add the following definition of takeoff roll to the Pilot/Controller Glossary (PCG) to read as follows:

TAKEOFF ROLL – The process whereby an aircraft is aligned with the runway centerline and the aircraft is moving forward with the intent to take off. For helicopters, this pertains to the act of becoming airborne after departing a takeoff area.

6. Distribution. This notice is distributed to the following ATO service units: Terminal, En Route and Oceanic, System Operations, and Mission Support; ATO Safety and Technical Training; the Air Traffic Safety Oversight Service; the William J. Hughes Technical Center; the Mike Monroney Aeronautical Center, and all Department of Defense (DOD) facilities.

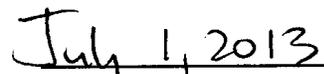
7. Background. The term “takeoff roll” is used extensively throughout FAA Order JO 7110.65 but has never been defined. The lack of a definition continues to be the subject of frequent discussions within the terminal environment due to its connection to Paragraph 3-9-5, Anticipating Separation, and other various paragraphs and chapters of FAA Order JO 7110.65.

The term “takeoff roll” is important because it is used as a reference point in a takeoff clearance from which required aircraft separation is measured. There have been several mandatory occurrence reports associated with the term “takeoff roll” that have resulted in a loss of separation. Some air traffic control facilities have reported that the term “takeoff roll” is ambiguous since it is not defined and has contributed to the misapplication of the “anticipated separation” procedure.

The definition provided above is from an interpretation signed by Terminal Operations, Headquarters, back in 2009. In 2010, senior leadership within the ATO determined that all existing interpretations must be addressed and incorporated into the applicable order via the document change process. This definition is intended to resolve the ambiguity surrounding the term “takeoff roll.”



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Date Signed