



# AO-0309 — Minimum Radar Separations based upon Required Surveillance Performance (RSP)

The runway capacity is improved thanks to the application (by ATC) of a non-wake turbulence separation down to 2 NM for arrivals on final approach (at the point that the leading aircraft in the pair crosses the runway threshold), based upon Required Surveillance Performance (RSP). This Minimum Radar Separation (MRS) could be applied when separation is not constrained by wake turbulence, either because of favorable weather conditions (e.g. cross wind) or simply when the pair-wise wake turbulence separation is shorter than MRS.

**Rationale** This enables a more efficient non-wake turbulence separation to be established between each lead and follower pair. This will facilitate a further improvement in runway capacity.

**Forecast V3 end date** 31-08-2019

**Benefits start date (IOC)** 31-12-2025

**Full benefits date (FOC)** 31-12-2030

**Current Maturity Level** V2 finalised

**Solution Data Quality Index** -

**Current Maturity Phase** R&D

**Scope** -

**Release** R9

**PCP Status** -

## Context

### Related Elements



