



EUROCAE WG-119

RTCA SC-239

Status

February 13, 2023 (8:45pm ET)



- RTCA SC-239/EUROCAE WG-119 were established in December 2019
- Scope of work: Update ED-30 and DO-155 (not previously joint work) to become ED-30A/DO-155A and provide:
 - Minimum Operational Performance Specification (MOPS) for Radar Altimeters
 - Capture consensus requirements and test to provide for interference rejection
- In 2020, SC-239 produced a white paper identifying potential interference scenarios and the results of that interference on the intended function on Radar Altimeters



- RTCA SC-239/EUROCAE WG-119 are working on two deliverables:
 - DO-399/ED-310: Guidance Document on Radar Altimeter Radio Frequency (RF) Interference Rejection and Tolerance
 - Currently completing Open Consultation/Final Review and Comment
 - Hope to get resolution in the next few weeks and publish this spring
 - Captures the current consensus of what a Radar Altimeter can do in a complex RF environment
 - DO-155A/ED-30A MOPS for Low Range Radar Altimeters
 - FRAC/OC completion due in December 2023 (March 2024 publication)
 - Terms of Reference update planned
 - Delay expected until 2024