RTCA

What We Do

RTCA convenes committees possessing regulatory, safety and technical expertise to craft and publish performance standards for the integration and operation of unmanned aircraft into the national airspace system.

Who We Serve

RTCA standards support companies which produce products and services for the unmanned aircraft market, Research & Development firms, engineers, UAS operations, infrastructure organizations and regulatory officials.

Why UAS Companies Join RTCA

RTCA members involved in the standards process have the opportunity to influence the direction of the standards and initiate a proactive approach in the design of their products, ensuring they'll meet the performance standards requirements.

The UAS Market

RTCA has published more than 10 standards publications for the UAS market, most of which are referenced in TSOs or Advisory Circulars for certification by FAA. Our standards are crafted by hundreds of committee participants from all facets of the unmanned and manned aircraft market. RTCA has 2 committees dedicated to producing performance standards for the operation of unmanned aircraft systems. Additionally, UAS operations and software are addressed as part of 8 other RTCA committees. Our other work in the UAS space includes development of counter UAS detection standards, participation in NASA's Vision 2045 program, training on standards documents, and joint ventures with leading organizations on the safe integration of UAS into the national and international airspace.

Special Committee Work & Resources

Sc-228 – Minimum Performance Standards for Unmanned Aircraft Systems
Sc-238 – Counter UAS
Sc–147 - Traffic Alert & Collision Avoidance System (TCAS)

🖥 Counter-UAS Measures Webinar

Worldwide Industry Collaboration

RTCA was founded in 1935 and has worked closely with government, academia, associations and industry to build consensus and relationships to create a safer aviation ecosystem. We work with IATA, ICAO, AIA, ARINC, SAE, ASTM, ANSI and EUROCAE to ensure our standards are globally harmonized.

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![RTCA logo]

WHY YOUR COMPANY SHOULD JOIN RTCA

As an RTCA member, you have an equal voice at the table as standards are being developed. RTCA helps your company navigate the evolving regulatory landscape and avoid costly delays in getting your products through the certification process. The annual membership fee includes access to our standards store with 350 standards publications and the ability to download free electronic copies. Join leading UAS manufacturers, regulators and others for a seat at the table.

RTCA Members

RTCA's UAS Member Companies include product and service providers and R&D companies across the globe. Several UAS members serve on our advisory committee.

Check out our public directory for a full list of our current members.

RTCA
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A partial listing of UAS-Focused Members:

Alaska Center for Unmanned Aircraft System integration/
University of Alaska Fairbanks/
Geophysical Institute
Amazon Prime Air
Animal Dynamics Ltd
Aquiline Drones, LLC.
AURA Network Systems
CAL Analytics
Catalyst Aerospace Technologies
Daedalean Ltd.
DJI
General Atomics Aeronautical Systems, Inc.
Joby Aviation
Near Earth Autonomy, Inc.
NodeIn Robotics
Northeast UAS Airspace Integration Research Alliance, Inc. d/b/a NUAIR Alliance
Northern Plains UAS Test Site (NPUASTS)
Pegasus Imagery Ltd.
Seamatica Aerospace Limited
STARC Solutions LLC
Uber
Virginia Tech - Mid Atlantic Aviation Partnership
WhiteFox Defense Technologies Inc.
Wing Aviation
Wisk
XMOBOTS AEROESPACIAL E DEFESA LTDA
Xwing, Inc.