

Presentations, Contributions & Flight Demonstrations

Submission of Presentations and Flight Demonstrations

As part of the 7th UAV Flight Test Convention 2026, organized by FH JOANNEUM – Institute of Aviation in collaboration with the German Aerospace Center, the Technical University of Munich, and Airbus, you are invited to share your ideas, research findings, and practical experience in the field of UAV flight testing through a technical talk, presentation, or live demonstration with the international community.

General Submission Information

The submission process consists of two stages.

1. Submission of Your Contribution

All presenters (on-site or online) are invited to submit their proposal for a technical talk, presentation, or demonstration via e-mail.

Please submit your contribution no later than July 30, 2026 to: <mailto:ftc-event@fh-joanneum.at>

You will receive a confirmation e-mail once your submission has been received.

Your submission e-mail should include the following:

- Abstract (maximum one page), including:
 - Title of the talk, presentation, or flight demonstration
 - Name(s) of the presenter(s) and institutional affiliation(s)
 - Relevant keywords
 - A short summary of the contribution containing sufficient information for technical evaluation

- Optional: preferred thematic assignment
- Additional information:
 - Preferred presentation format (on-site or online (very limited time slots))
 - A short one-sentence introduction for the session moderator
 - Preferred presentation duration

Please note:

Late submissions cannot be considered.

All abstracts and presentation materials must be submitted in English.

2. Registration of Presenters

After the review process, selected contributors will receive an official acceptance notification from the organizing team.

This notification will also include all relevant information regarding:

- Registration
- Presentation format
- Scheduling
- Technical and organizational procedures

Mandatory registration must be completed via the official event website: [7th UAC Flight Test Convention - Registration](#)

The registration deadline will be communicated together with the acceptance notification.

Flight Demonstration Requirements

We are pleased to invite operators and stakeholders from the European UAS sector to participate in the flight demonstration program of the 7th UAV Flight Test Convention 2026, which will be conducted at the [LO-R 9 Steinalpl](#) test area in Austria.

The flight demonstration program is open to European UAS operators who are legally authorized to operate in their Member State and who fully comply with all applicable European Union and Austrian national requirements for UAS operations.

Operators intending to conduct flights in the “open” category should particularly note the following:

- The UAS operator must be registered in the Member State of residence or principal place of business. Registration as a UAS operator is only permitted in one Member State at a time.
- The UAS must comply with all applicable technical requirements and class identification requirements of the relevant subcategory.
- The unmanned aircraft must have a maximum take-off mass below 25 kg.
- Flights must be conducted under VLOS (Visual Line of Sight), except where otherwise permitted under applicable regulation.
- Flight altitude must generally not exceed 120 metres above ground level, measured from the closest point of the earth’s surface.
- Flights over assemblies of people, the carriage of dangerous goods, or the dropping of materials are prohibited.
- The remote pilot must hold the required competency for the applicable open category and must review current Austrian UAS geographical zone restrictions before the operation.

Operators holding an operational authorization in the “specific” category

Operators who already hold a valid operational authorization in the “specific” category in their Member State may apply for cross-border operations in Austria in accordance with **Article 13 of Commission Implementing Regulation (EU) 2019/947**.

In this case, operators should note the following:

- A copy of the operational authorization issued by the competent authority of the operator’s Member State must be submitted.
- The intended operational location(s) in Austria must be clearly specified.
- Where required, mitigation measures must be updated with regard to local airspace, terrain, population density, and climatic conditions.

- Flight operations may only commence after confirmation by the Austrian competent authority that the updated mitigation measures are considered sufficient.
- Where operations are based on a standard scenario declaration, a copy of the declaration and the corresponding confirmation of receipt must be provided.

Operational Information for the Test Area

The [LO-R 9 Steinalpl](#) test area currently provides the following operational framework:

- Ground Risk: Sparsely populated area (SORA 2.0)
- Population Density: Less than 5 people/km² (SORA 2.5)
- Air Risk Classification: ARC-a (TRA)

Further information on operational authorization procedures is available via [Austro Control](#).

The organizing team will support operational coordination during the preparation of flight demonstrations. However, each participating UAS operator and remote pilot remains solely responsible for ensuring full compliance with applicable EU regulations, Austrian national requirements, UAS geographical zone restrictions, and all safety and organizational requirements applicable at the event location.

Focus Areas

In general, all topics related to UAV flight testing are welcome. If selection becomes necessary due to limited program slots, contributions in the following areas will be prioritized:

- Integration of Software and Hardware in Real Flight Testing
- Practical challenges related to integrating safety-critical software with hardware systems, including timing behavior, control loops, and system validation.
- Lessons Learned from Flight Test Campaigns
- Experience reports, lessons learned, challenges, and practical solutions from real-world flight test projects.
- Live Demonstrations of Flight Test Setups

- Presentation of real flight test configurations, including aircraft, ground control stations, telemetry systems, and specialized test instrumentation.
- UAVs in Education and Training
- Integration of UAV flight testing into academic curricula, educational programs, and training concepts.
- Legal and Regulatory Frameworks
- Flight approvals, airspace access, safety cases, and collaboration with aviation authorities.
- Ground Systems
- Development and operation of ground control stations, data links, and other supporting ground systems.
- Data Acquisition and Post-Processing
- Methods for data acquisition, real-time monitoring, and post-processing of flight test data.
- Safety Assessment and Risk Management
- Risk assessment, mitigation strategies, and safe expansion of the flight envelope.
- Sensor Integration
- Innovative sensor systems for condition monitoring and airframe diagnostics.

Review Process and Program Selection

All submitted abstracts will be reviewed by a technical review committee.

After completion of the review process, you will be informed whether your contribution has been accepted or declined.

If the number of submissions exceeds available program slots, the organizing team reserves the right to make a selection.

Evaluation criteria include, but are not limited to:

- Technical relevance to UAV flight testing
- Alignment with the event focus areas

- Innovation and originality
- Practical value for the community
- Quality and clarity of the abstract

Contributions from active flight teams may be preferentially scheduled close to their flight demonstrations.

Information for Presenters

Further organizational details for presenters will be provided in advance of the event.

Please note:

- Final presentation duration will be determined by the organizing team. Typical presentation slots are approximately 15–20 minutes including discussion.
- Longer technical talks (up to a maximum of 45 minutes) may be proposed.
- Weather-related schedule adjustments due to the flight program may occur.
- Presentation slides must be submitted to the organizing team no later than three days prior to the event. If presentation materials are not received by this deadline, the organizing team reserves the right to reassign the allocated presentation slot.
- The organizing team reserves the right to request reasonable revisions to accepted contributions, including but not limited to language quality, presentation length, structure, or format, where necessary to ensure consistency, quality, and alignment with the overall program. Requested revisions must be implemented prior to the event.

During your session:

- The session moderator will briefly introduce you and support time management.
- Questions may be submitted by both on-site and online participants.
- If your presentation includes video or audio content, please verify functionality with our technical team in advance.
- Presentations should ideally be prepared in 16:9 format.

Data Protection (GDPR)

Personal data will be processed in accordance with the General Data Protection Regulation and applicable data protection legislation. All presenters will be asked to sign a declaration of consent during the on-site speaker check-in.

Publication of Program and Abstracts

Prior to the event, the following information may be published on the official event website:

- Presenter name
- Institution
- Title of the contribution

A digital abstract book containing all accepted contributions will be made available exclusively to registered participants via a password-protected access area.

Publication of Presentation Slides

After the event, presentation slides may be made available to registered participants via the password-protected participant area.

This will only take place with the explicit consent of the presenter.

Presenters who wish to share their presentation materials will receive further submission instructions after the event.

Use of Submitted Content

By submitting a contribution, presenters agree that the materials and information provided as part of the submission process, including but not limited to:

- Title of the contribution
- Abstract
- Presenter name
- Institutional affiliation
- Summaries or technical content of the presented contribution
- Other event-related information

may be processed and used for the following purposes:

- Convention program
- Abstract book
- Official event website
- Event-related reports and post-event coverage
- Scientific communication and professional dissemination
- Other event-related communication activities

Any further publication of complete presentation materials will only take place with the separate explicit consent of the presenter.

Contact & Further Information

For general questions regarding submissions, presentations, registration, or organizational matters, please contact:

Organizing Team: Holger Friehmelt, Bianca Weber, Yvonne Gerster

7th UAV Flight Test Convention 2026

FH JOANNEUM – Institute of Aviation

E-mail: <mailto:ftc-event@fh-joanneum.at>

For operational questions regarding flight demonstrations, authorizations, or test area coordination:

Kristóf Gombás

E-mail: kristof.gombas@fh-joanneum.at

Further event information, registration, and updates:

[7th UAV Flight Test Convention 2026](#)

[7th UAC Flight Test Convention - Registration](#)