

CZECH ROCKET CHALLENGE 2027



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Take part in the competition and experience what it's like to work as a real rocket engineer!

What is the Czech Rocket Challenge?

The Czech Rocket Challenge is a team competition for high school and university students who want to gain hands-on experience in rocket engineering.

Your goal will be to **design, build, and launch your own rocket**. The competition is not just about reaching the highest possible altitude – we also evaluate the quality of the construction, overall design, technical execution, and originality of your ideas. We will provide the rocket motor and altimeter – everything else is up to you.

The competition is complemented by workshops and individual support to ensure you have access to the technical knowledge and expert guidance you need throughout the building process. The handbook contains the complete rules, technical requirements, and all the important details.
This competition is about more than just technical knowledge. Creativity, teamwork, and the courage to push your limits are equally essential.

The Czech Rocket Challenge is a unique opportunity to put theory into practice, come up with innovative ideas, and actively contribute to the future of the Czech space industry.

General Information



REGISTRATION	**17. 11. 2026 - 17. 1. 2027**
TEAM SIZE	3 - 6 members*
COMPETITION CATEGORIES	High schools — beginners High schools — advanced Universities — advanced
REGISTRATION FEE	500,-/ team
LAUNCH DAY	**29. - 30. 7. 2027 MORAVSKÁ TŘEBOVÁ**

*každý tým musí mít jednoho zletilého člena, muže to být i mentor týmu (například učitel)

COMPETITION TIMELINE

VII
CZECH ROCKET CHALLENGE



JANUARY— FEBRUARY

WORKSHOPS
on rocket construction, safety, and OpenRocket

7. 3. 2027

CONCEPT REPORT

UNI 2. 5. HS 9. 5.

FINAL REPORT DRAFT

Květen

DESIGN REVIEW CALLS

UNI 27. 6. HS 11. 7.

FINAL REPORT

29. - 30. 7. 2027

LAUNCH DAYS

CZECH ROCKET SOCIETY

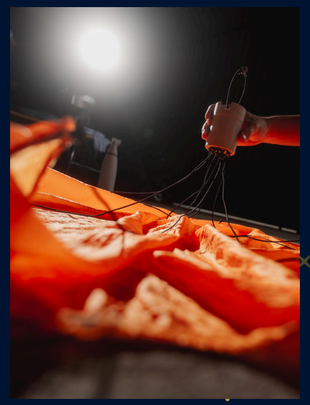

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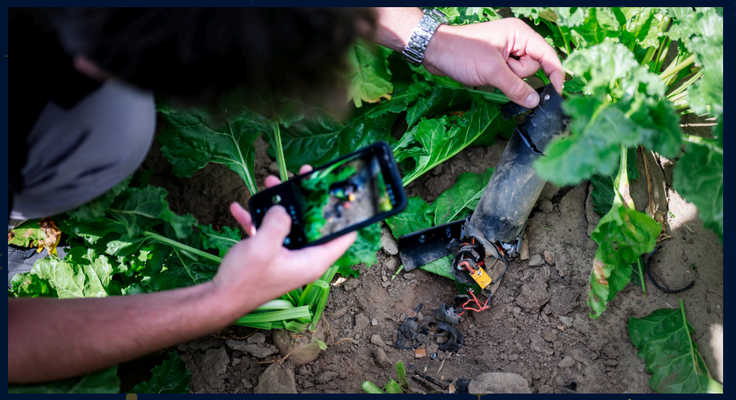

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MORAVSKÁ TŘEBOVÁ - LKMK

Are you up for the challenge?

Register on our website **czeroc.cz**

Instagram: @czechrocketchallenge



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