

2022 LASC - 2nd Progress Update

Please, fill the following online form for the 2nd Progress Update of your mission registered in the 2022 Latin American Space Challenge!

***Required**

1. Email *

Section 1: Eligibility

According to LASC Rules and Requirements, Section 8.1: Teams shall submit updated versions of a specific form, the Progress Update, on occasions prior to the competition. This form will record changes in the project's technical characteristics during development.

2. Choose Your Team: *

Mark only one oval.

- ☐ 1 - Capital Rocket Team - Daedalus Project
- ☐ 2 - Santa Catarina - Santa Catarina I
- ☐ 3 - Stars - Mars
- ☐ 4 - Antares - Aurora
- ☐ 5 - Apex Rocketry - Gravatá-A33
- ☐ 6 - Cientificando - Hebe
- ☐ 7 - Club Aeroespacial FPUNA - Arasunu II
- ☐ 8 - En El Tule Aeroespacial - Perejil
- ☐ 9 - EPTA - Ankaa
- ☐ 10 - Equipe Rocket - Noibe
- ☐ 11 - Eurasia Space Systems - The Future
- ☐ 12 - GFIG - Space Flowers (1 km)
- ☐ 13 - Hezarfen - Demetalp
- ☐ 14 - Kosmos Rocketry - Nebula
- ☐ 15 - LUFFT - Andaraí
- ☐ 16 - Potiguar Rocket Design - Missão Odisseia de Erippus
- ☐ 17 - RedCarbon - Caelum-22
- ☐ 18 - RocketLAV - VOLGA
- ☐ 19 - RocketWolf - Helder I
- ☐ 20 - Santa Catarina - Frida I
- ☐ 21 - SIRIUS - Graffias
- ☐ 22 - STES Rocketry - A Surplus of Gravitass
- ☐ 23 - RocketLAV Legion - LEGION
- ☐ 24 - TOPUS Projetos Aeroespaciais - Andromeda
- ☐ 25 - UABC - 3Dx Ingenieria - Baja Zunzun
- ☐ 26 - Topodesy Space - Yauri 91
- ☐ 27 - CEB Rocket Design - POIESIS
- ☐ 28 - EPOS Projetos Aeroespaciais - Harley Quinn Project
- ☐ 29 - Erciyes Rocket Team - KAYRAHAN II
- ☐ 30 - Eurasia Space Systems - The Future - SR
- ☐ 31 - GFRJ - Atom III
- ☐ 32 - ITA Rocket Design - ATOMS II
- ☐ 33 - Kinti Space - Paulet-2
- ☐ 34 - Minerva Rockets UFRJ - Aurora CubeSat Launcher
- ☐ 35 - Orion Aerospace Design - Odyssey
- ☐ 36 - Projeto Jupiter - Juno II
- ☐ 37 - Propulsión UNAM - Komodo 3000
- ☐ 38 - Prusa Rocket Team - PRUSA-V4
- ☐ 39 - SCUA - Orion-UIS
- ☐ 40 - Supernova Rocketry - Aspera
- ☐ 41 - UFABC Rocket Design - Polo

- ☐ 42 - Amaru Space Force - AMARU 1
- ☐ 43 - Beyond Rocket Design - Pegasus
- ☐ 44 - Cactus Rockets Design - Galileu-02
- ☐ 45 - Cooperação Kosmos - Bravo
- ☐ 46 - Facens Rockets - Tigas
- ☐ 47 - GESAM - Bellatrix
- ☐ 48 - GFIG - Space Flowers (0.5 km)
- ☐ 49 - TOPUS Projetos Aeroespaciais - Pégaso Project
- ☐ 50 - GFRJ - Canalle Platinado IV
- ☐ Other - Late Registration for the Rocket Challenge
- ☐ 101 - Amaru Space Force - KAN *Skip to question 25*
- ☐ 102 - BioMechaX - ICESCON *Skip to question 25*
- ☐ 103 - EPOS Projetos Aeroespaciais - Black Canary *Skip to question 25*
- ☐ 104 - Eurasia Space Systems - EurasiaSAT 1A *Skip to question 25*
- ☐ 105 - Minerva Sats UFRJ - µBioSat *Skip to question 25*
- ☐ 106 - PoliSat - Columba *Skip to question 25*
- ☐ 107 - Potiguar Rocket Design - Project Square One *Skip to question 25*
- ☐ 108 - RedCarbon - Signum-22 *Skip to question 25*
- ☐ 109 - Santa Catarina - Fritz I *Skip to question 25*
- ☐ 110 - SCUA - GUANESAT2022 *Skip to question 25*
- ☐ 111 - Sideral - Sideralis *Skip to question 25*
- ☐ 112 - Sideral - Sideralis CubeSat *Skip to question 25*
- ☐ 113 - SIRIUS - Missão Baranoff *Skip to question 25*
- ☐ 114 - Stars - Venus *Skip to question 25*
- ☐ 115 - STES Rocketry - OATMEAL *Skip to question 25*
- ☐ 116 - Supernova Rocketry - Not named yet *Skip to question 25*
- ☐ 117 - TOPUS Projetos Aeroespaciais - Rígel Project *Skip to question 25*
- ☐ 118 - UABC - 3Dx Ingenieria - Baja Colibrí *Skip to question 25*
- ☐ 119 - UDG Space - NanoGreen Statellite *Skip to question 25*
- ☐ Other - Late Registration for the Satellite Challenge *Skip to question 25*

Section 2: Updates & Mission Patch

General updates from your Team and you Mission as leadership, category, mission patch and general contacts.

3. Category *

Choose your Rocket Challenge category:

Mark only one oval.

- ☐ Entry-level: 0.5 km apogee
- ☐ 1 km – Solid Motors
- ☐ 1 km – Hybrid/Liquid
- ☐ 3 km – Solid Motors
- ☐ 3 km – Hybrid/Liquid

4. Category Change *

Have you changed categories since the Entry Form - Acceptance Announcement?

Mark only one oval.

- ☐ Yes
- ☐ No

5. Category Change

If 'Yes', please provide a detailed explanation.

6. Did you have any Leadership Changes? *

Has your Team changed Leadership since the Entry Form - Acceptance Announcement?

Mark only one oval.

- ☐ Yes
- ☐ No

7. Leadership Changes

If 'Yes', please provide a detailed explanation and full contact of new leaders (Name / Email / Phone)

8. Mission Patch (Last Opportunity)

According to LASC Rules and Requirements, Section 8.1 - Progress Updates: A Mission Patch may be submitted during the First Progress Update. Teams will be awarded up to 40 points submitting a Mission Patch timely for the 2022 LASC. More information on Bonus Points is available on Appendix C: Detailed Grading Criteria.

Files submitted:

**Section 3:
Team
Demographic
Data**

This is all members working with your project including those not attending the event. This will help LASC promote the event and get more sponsorships and grants to help the teams and improve the event.

9. Total number of Team Members *

10. Number of High-School Team Members *

If none, input "0".

11. Number of Undergraduate Team Members *

If none, input "0".

12. Number of Masters Team Members *

If none, input "0".

13. Number of PhD Team Members *

If none, input "0".

14. Number of Male Team Members *

15. Number of Female Team Members *

16. How many team members will be attending 2022 LASC in person? *

Best guess and estimate. Does not effect how many actually are allowed to attend.

17. Do you have any team member who will be attending 2022 LASC in person that have special needs? *

Food needs (Vegetarian, Vegan, Celiac, etc.); Mobility (Wheelchair user, etc.), Other.

Mark only one oval.

☐ Yes

☐ No

18. If yes, please describe the special need and number of team members.

This will help LASC get infrastructure and partners to help the teams and improve the event.

Section 4: Rocket Information

19. Has your team completed a combustion chamber pressure test? *

This item is not a mandatory test. Based on 2022 LASC Design, Test, & Evaluation Guide in Section 5.3.2.4. PRESSURE VESSEL TESTING.

Mark only one oval.

☐ Yes

☐ No

20. Has your team completed a hot-fire test? *

This item is not a mandatory test. Based on 2022 LASC Design, Test, & Evaluation Guide in Section 5.1.3.3. STATIC HOT-FIRE TESTING.

Mark only one oval.

☐ Yes

☐ No

21. Has your team completed a flight test? *

This item is not a mandatory test. Based on 2022 LASC Design, Test, & Evaluation Guide in Section 5.2.7.2. OPTIONAL FLIGHT TEST DEMONSTRATION.

Mark only one oval.

☐ Yes

☐ No

22. Has your team completed a recovery system test (ground demonstration)? *

This item is not a mandatory test. Based on 2022 LASC Design, Test, & Evaluation Guide in 5.2.6. RECOVERY SYSTEM TESTING

Mark only one oval.

☐ Yes

☐ No

23. Electronics Testing Discussion *

This item is not a mandatory test. Based on 2022 LASC Design, Test, & Evaluation Guide in 5.2.3. REDUNDANT ELECTRONICS.

24. Rocket Information - Additional Comments

[Skip to question 46](#)

Section 2: Updates & Mission Patch

General updates from your Team and you Mission as leadership, category, mission patch and general contacts.

25. Category *

Choose your Rocket Challenge category:

Mark only one oval.

☐ PocketQube or CanSat-style project

☐ CubeSat-style project

26. Category Change *

Have you changed categories since the Entry Form - Acceptance Announcement?

Mark only one oval.

☐ Yes

☐ No

27. Category Change

If 'Yes', please provide a detailed explanation.

28. Did you have any Leadership Changes? *

Has your Team changed Leadership since the Entry Form - Acceptance Announcement?

Mark only one oval.

☐ Yes

☐ No

29. Leadership Changes

If 'Yes', please provide a detailed explanation an full contact of new leaders (Name / Email / Phone)

30. Mission Patch

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Files submitted:

**Section 3:
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Demographic
Data**

This is all members working with your project including those not attending the event. This will help LASC promote the event and get more sponsorships and grants to help the teams and improve the event.

31. Total number of Team Members *

32. Number of High-School Team Members *

If none, input "0".

33. Number of Undergraduate Team Members *

If none, input "0".

34. Number of Masters Team Members *

If none, input "0".

35. Number of PhD Team Members *

If none, input "0".

36. Number of Male Team Members *

37. Number of Female Team Members *

38. How many team members will be attending 2022 LASC in person? *

Best guess and estimate. Does not effect how many actually are allowed to attend.

39. Do you have any team member who will be attending 2022 LASC in person that have special needs? *

Food needs (Vegetarian, Vegan, Celiac, etc.); Mobility (Wheelchair user, etc.), Other.

Mark only one oval.

☐ Yes

☐ No

40. If yes, please describe the special need and number of team members.

This will help LASC get infrastructure and partners to help the teams and improve the event.

Section 4: Satellite Information

Please add any additional information that adds clarity or provides an additional narrative regarding your project.

41. Electrical Power System Testing *

Describe your Electrical Power System (EPS) tests and/or simulations.

42. Communication System Testing *

Describe your Communication System tests and/or simulations.

43. On Board Data Handling System *

Describe your On Board Data Handling System tests and/or simulations.

44. Sensors, Actuators & Additional Systems *

Describe your Sensors, Actuators & Additional Systems tests and/or simulations.

45. Satellite Information - Additional Comments

**Agreement on 2022 LASC Requirements
and Rules, Protocols, Liability and
Insurance**

Team leaders shall agree on all Rules and
Requirements of the 2022 Latin American Space
Challenge.

46.

Mark only one oval.

☐ I agree with all Rules of the 2022 LASC Event.

☐ I do not agree.

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