## Australian High Power Rocket Permit – Expression of Interest

## Instructions

You will need an Australian high power rocket permit if you intend to launch a rocket, in Australia, that meets the definition in the [*Space (Launches and Returns) (High Power Rocket) Rules 2019*](https://www.legislation.gov.au/Details/F2019L01119), i.e. any rocket that does not exceed an altitude of 100km above mean sea level:

* that is propelled by a motor or motors with a combined total impulse greater than 889,600 Newton seconds; or
* that is propelled by a motor or motors with a combined total impulse greater than 40,960 Newton seconds and is fitted with a system or systems that allow active control of its trajectory

Completing your expression of interest

You may submit an Australian high power rocket permit expression of interest via the attached form. Before completing an expression of interest you should read the Australian High Power Rocket Permit Application Guidelines. Your expression of interest must be made in writing and in English.

Your Australian High Power Rocket Permit – Expression of Interest form will be used to help inform an application plan workshop that will be conducted with you at a time that is convenient to you and your organisation.

If you are unsure or you would like further advice about a particular section or sections of the form there is a check box where you can indicate that you would like to discuss that section in more detail during the application plan workshop:

**☒ I would like further advice in relation to…..**

We will structure the workshop based on the responses you provide in your expression of interest including the allocation of additional time to discuss sections that you have requested further advice on.

The purpose of the application plan workshop is to develop an agreed plan for preparation and submission of your Australian high power rocket permit application documents. This includes identifying any pending or outstanding documents (based on the information you provide in your expression of interest form), and setting timeframes for submission of your application documents to us. Outcomes from this workshop will be documented in an application plan. You then complete and submit application modules within the timeframes agreed in your application plan.

Assessment timeframes will be discussed and agreed as a part of your application plan workshop. We estimate that it will take up to 6 months to assess your completed application modules and supporting documentation.

You may submit your expression of interest by email to regulation@space.gov.au.

Getting help

We encourage you to contact us early in planning for any space activity that requires authorisation under the Act. Early engagement may help to resolve questions specific to your activity.

If you require further assistance completing this form, contact us by:

Email regulation@space.gov.au

Phone 1800 487 182 (within Australia)

+61 2 6276 1166 (outside Australia)

Useful links:

* [*Space (Launches and Returns) Act 2018*](https://www.legislation.gov.au/Details/C2021C00394)
* [*Space (Launches and Returns) (High Power Rocket) Rules 2019*](https://www.legislation.gov.au/Details/F2019L01119)
* [*Space (Launches and Returns) (Insurance) Rules 2019*](https://www.legislation.gov.au/Details/F2019L01120)
* Australian [High power rocket permit application guidelines](https://www.industry.gov.au/australian-space-agency/regulating-australian-space-activities/conducting-australian-space-activities) (contained on the Agency website)

## Previous permits

Have you been granted an Australian high power rocket permit in the last 6 months?

[ ]  NO – you will need to complete sections B – O of the Expression of Interest form.

[ ]  YES – Are any of the following details different to your previous permit?

Flight path

Rocket type

Launch facility or place

Payload

Launch management plan

Risk hazard analysis

Flight safety plan

Emergency plan

Environmental information

Technology security plan

If any of the above launch details are different to your previously granted permit you will need to complete sections B – O of the Expression of Interest form.

If all the launch details have remained the same as your previously granted permit, complete sections B and O only and submit your Expression of Interest form.

## Information about the applicant

**Section B relates to section 16 of the Space (Launches and Returns) (High Power Rocket) Rules 2019**

Are you planning to launch a rocket in Australia that is propelled by a motor or motors with a combined total impulse greater than:

* 889,600 Newton seconds; or
* 40,960 Newton seconds and is fitted with a system or systems that allow active control of its trajectory

[ ]  Yes – continue to the next question.

[ ]  No – **STOP**, this is not the right application form for your intended space activity. Please speak to the Office of the Space Regulator at regulation@space.gov.au.

Are you planning to launch a rocket in Australia that will reach an altitude over 100km above mean sea level?

[ ]  Yes – **STOP**, this is not the right application form for your intended space activity. Please speak to the Office of the Space Regulator at regulation@space.gov.au.

[ ]  No – continue with completing your application.

### Applicant details

Legal name of entity

| Click here to enter text. |
| --- |

Business name/Trading name

| Click here to enter text. |
| --- |

ABN and/or ACN

| Click here to enter text. |
| --- |

Applicant street address

| Click here to enter text. |
| --- |

Applicant postal address

| Click here to enter text. |
| --- |

Applicant phone number

| Click here to enter text. |
| --- |

Email address

| Click here to enter text. |
| --- |

Website (if available)

| Click here to enter text. |
| --- |

## Organisational structure and personnel

**Section C relates to section 17 of the Space (Launches and Returns) (High Power Rocket) Rules 2019**

Have you filled key roles for the operation and management of your proposed high power rocket launch?

**Key staff include at a minimum the CEO or equivalent, and individuals in a position within your organisation that will have authority or oversight in relation to the proposed high power rocket launch.**

[ ]  YES – Describe your current organisational structure including key staff:

***If available, you can attach an organisation chart in support of your response.***

| Click here to enter text. |
| --- |

[ ]  NO – Provide details in the text box as to what stage you are at with filling key roles and when you are likely to have all positions filled:

| Click here to enter text. |
| --- |

Does your organisation and/or key personnel receive any funding or non-financial support from a foreign source?

[ ]  YES [ ]  NO

Do any entities or key personnel involved with your organisation have any current or former associations with a foreign talent program?

[ ]  YES [ ]  NO

Do any entities or key personnel involved with the proposed launch have any ties to a foreign government, military or state owned enterprise?

[ ]  YES [ ]  NO

If you answered YES to any of the questions above please provide further details in relation to the nature of the foreign affiliation:

| Click here to enter text. |
| --- |

[ ]  **I would like further advice in relation to the organisational structure and personnel**

## Launch

**Section D relates to section 18 of the Space (Launches and Returns) (High Power Rocket) Rules 2019**

Describe the purpose of the proposed launch:

| Click here to enter text. |
| --- |

What is the proposed launch period for your proposed launch?

| Click here to enter text. |
| --- |

[ ]  **I would like further advice in relation to the proposed launch**

## Flight path

**Section E relates to section 19 of the Space (Launches and Returns) (High Power Rocket) Rules 2019**

Describe the flight path of your proposed launch:

| Click here to enter text. |
| --- |

If known, detail any critical assets directly under your proposed flight path or within an area of reasonable probability that debris may land:

| Click here to enter text. |
| --- |

What is the highest planned altitude of the flight?

| Click here to enter text. |
| --- |

What is the potential maximum altitude of your high power rocket?

| Click here to enter text. |
| --- |

If known, what is the planned range of the flight?

| Click here to enter text. |
| --- |

If known, what is the potential maximum range of your high power rocket?

| Click here to enter text. |
| --- |

[ ]  **I would like further advice in relation to the flight path**

## High power rocket

**Section F relates to sections 20 and 21 of the Space (Launches and Returns) (High Power Rocket) Rules 2019**

Describe the type of rocket you are proposing to use:

| Click here to enter text. |
| --- |

Provide the name and address of the rocket manufacturer:

| Click here to enter text. |
| --- |

Does the rocket require import approvals?

[ ]  YES – Detail if the import approvals have been obtained. If they haven’t been obtained or are in the process of being obtained provide details of when the approvals will be received.

| Click here to enter text. |
| --- |

[ ]  NO – Detail why import approvals are not required.

| Click here to enter text. |
| --- |

[ ]  Do not know

Will your rocket contain a nuclear power source or any other hazardous materials (including radioactive materials)?

[ ]  YES

[ ]  NO

[ ]  Do not know

Is there publically available information on the flight history of your rocket for the previous 5 years?

[ ]  YES

[ ]  NO

[ ]  Do not know

[ ]  **I would like further advice in relation to High power rocket**

## Launch facility or place

**Section G relates to section 22 of the Space (Launches and Returns) (High Power Rocket) Rules 2019**

Provide information about the launch facility or place where the proposed launch will occur:

**In your response, if the launch will occur from a licenced facility, provide the name of the launch facility and company running the facility.**

| Click here to enter text. |
| --- |

[ ]  **I would like further advice in relation to launch facility or place**

## Payload

**Section H relates to section 23 of the Space (Launches and Returns) (High Power Rocket) Rules 2019**

Will the proposed high power rocket launch carry one or more payloads?

**This includes payloads that will be deployed and payloads that will remain on board the rocket, and include all types of payload (not just commercial payload).**

[ ]  NO – continue from section **I.**

[ ]  YES – provide a description of the payload(s):

| Click here to enter text. |
| --- |

What is the purpose for which the payload(s) are intended to be used?

| Click here to enter text. |
| --- |

Who are the owner(s) of the payload(s)?

| Click here to enter text. |
| --- |

If known, will the payload(s) contain any hazardous materials (including radioactive materials)?

[ ]  YES

[ ]  NO

[ ]  Do not know

[ ]  **I would like further advice in relation to the payload**

## Launch management plan

**Section I relates to section 24 of the Space (Launches and Returns) (High Power Rocket) Rules 2019**

Have you completed a launch management plan?

[ ]  YES – Attach a copy of your plan to your expression of interest then skip to section **J.**

[ ]  NO - Detail the current status of your plan and when you are likely to have it completed:

| Click here to enter text. |
| --- |

[ ]  **I would like further advice in relation to the launch management plan**

## Risk hazard analysis

**Section J relates to section 25 of the Space (Launches and Returns) (High Power Rocket) Rules 2019**

Have you completed risk hazard analysis for your proposed high power rocket launch?

[ ]  YES – Attach a copy of your analysis to your expression of interest.

[ ]  NO - Detail the current status of your analysis and when you are likely to have it completed:

| Click here to enter text. |
| --- |

Do you have a suitably qualified expert who will provide written confirmation that the risk hazard analysis and the methodology you have used in the analysis are technically sound?

[ ]  YES - NAME:

| Click here to enter text. |
| --- |

[ ]  NO - Detail what steps you have taken, if any, to obtain the services of a suitably qualified expert:

| Click here to enter text. |
| --- |

[ ]  **I would like further advice in relation to the risk hazard analysis**

## Flight safety plan

**Section K relates to section 26 of the Space (Launches and Returns) (High Power Rocket) Rules 2019**

Have you completed a flight safety plan?

[ ]  YES – Attach a copy of your plan to your expression of interest then skip to section **L.**

[ ]  NO - Detail the current status of your plan and when you are likely to complete it:

| Click here to enter text. |
| --- |

Do you have a suitably qualified expert, who has been approved by the Minister, who will provide written confirmation of your flight safety plan?

[ ]  YES - NAME:

| Click here to enter text. |
| --- |

[ ]  NO - Detail what steps you have taken, if any, to obtain the services of a suitably qualified expert:

| Click here to enter text. |
| --- |

[ ]  **I would like further advice in relation to the flight safety plan**

## Emergency plan

**Section L relates to section 27 of the Space (Launches and Returns) (High Power Rocket) Rules 2019**

Have you completed an emergency plan?

[ ]  YES – Attach a copy of your emergency plan to your expression of interest then skip to section M.

[ ]  NO - Detail the current status of your plan and when you are likely to have it completed:

| Click here to enter text. |
| --- |

[ ]  **I would like further advice in relation to the emergency plan**

## Environment

**Section M relates to section 28 of the Space (Launches and Returns) (High Power Rocket) Rules 2019**

If the rocket launch will take place at a licensed launch facility in Australia, does the launch facility that you propose to use have an environmental plan that addresses the environmental impact of your proposed rocket launch?

[ ]  YES - If available, please attach evidence of this to your expression of interest and proceed to sectionN of the form. If not available, detail when you are likely to receive it in the box below then proceed to section N of the form.

|  Click here to enter text. |
| --- |

[ ]  NO

[ ]  Don’t Know

Are you required to obtain environmental approvals to conduct your proposed rocket launch under any State, Territory and/or other Commonwealth law?

[ ]  YES - If available, please attach a copy of the approvals to your expression of interest and proceed to section N of the form. If not available, detail when you are likely to receive the approvals in the box below then proceed to section N of the form.

|  Click here to enter text. |
| --- |

[ ]  NO

[ ]  Don’t Know

Have you completed an environmental assessment of the likely impact of your proposed rocket launch on the environment?

**You will be required to provide details on how you will monitor and mitigate any adverse environmental effects.**

[ ]  YES - Attach a copy of your assessment to your expression of interest.

[ ]  NO - Detail the current status of your assessment and when you are likely to have it completed:

| Click here to enter text. |
| --- |

[ ]  **I would like further advice in relation to environmental requirements**

## Technology security

**Section N relates to section 29 of the Space (Launches and Returns) (High Power Rocket) Rules 2019**

Have you completed a technology security plan?

[ ]  YES - Attach a copy of your plan to your expression of interest then skip to section **O.**

[ ]  NO - Detail the current status of your plan and when you are likely to have it completed:

| Click here to enter text. |
| --- |

Do you have a cybersecurity expert who will provide a written assessment of the adequacy of your cybersecurity strategy?

[ ]  YES - NAME:

| Click here to enter text. |
| --- |

[ ]  NO - what steps you have taken, if any, to obtain the services of a cybersecurity expert:

| Click here to enter text. |
| --- |

[ ]  **I would like further advice in relation to technology security**

## Further information

Are there any critical dates that you would like to make us aware of regarding your proposed high power rocket launch?

| Click here to enter text. |
| --- |

Is there any further information that you would like us to know in relation to your proposed high power rocket launch that hasn’t already been addressed in this expression of interest?

| Click here to enter text. |
| --- |

## Your contact details

Name

| Click here to enter text. |
| --- |

Phone number

| Click here to enter text. |
| --- |

Email address

| Click here to enter text. |
| --- |

**We will book an application plan workshop after reviewing the information you have provided in this expression of interest form.**

What is your preferred conference method?

[ ]  **Microsoft Teams video conference**

[ ]  **Phone**

Detail what day/days you prefer the workshop to be booked on and preferred time of day:

[ ]  **Monday**

[ ]  **Tuesday**

[ ]  **Wednesday**

[ ]  **Thursday**

[ ]  **Friday**

[ ]  **Morning**

[ ]  **Afternoon**

[ ]  **Anytime Monday to Friday**

List the names and email addresses/phone numbers of people in your organisation that you would also like to be included on any meeting invites:

| Click here to enter text. |
| --- |