

PERMITTING DECISION SUMMARY

LOXSAT

Rocket Lab USA

1. Rocket Lab USA, Inc. is an aerospace company headquartered in the US.
2. Rocket Lab has been contracted to design, build, launch and operate LOXSAT for Eta Space and NASA to demonstrate the Eta Space's cryogenic fluid management system.
3. The payload, LOXSAT, will host Eta Space's cryogenic fluid management system. This system will remain secured to the inside of LOXSAT and will not be released into orbit.
4. Payloads are permitted in line with the [Outer Space and High-altitude Activities Act 2017](#) and the [Outer Space and High-altitude Activities \(Licences and Permits\) Regulations 2017](#).
5. Each payload has been approved by the Minister for Space, on advice from officials across agencies. When approving payloads, the Minister needs to be satisfied that:
 - a. The applicant has taken and will continue to take all reasonable steps to safely manage the operation of the payload.
 - b. The proposed operation of the payload is consistent with New Zealand's international obligations; and
 - c. The applicant has an orbital debris mitigation plan that meets prescribed requirements.
 - d. Despite being satisfied of these matters, the Minister may nevertheless decline a permit if they are not satisfied that the proposed operation of the payload is in New Zealand's national interest.

Date Granted	Authorisation Number	Payload Name	Owner or Operator	Country of Origin
21 May 2026	260486-PPT	LOXSAT	Rocket Lab USA	USA