



PERMITTING DECISION SUMMARY

CE-SAT-IIB

Canon Electronics Inc

1. Canon Electronics Inc. (CEI)n is a Japanese multinational corporation which specialises in the manufacturing of imaging and optical products such as photocopiers, printers and cameras. Canon began developing satellite technology in the mid 2017's. Their first payload, CE-SAT 1, was launched in June 2017.
2. CE-SAT-IIB is a microsatellite bus system developed using Canon components. It has three on board cameras with different resolutions, fields of view and sensitives
3. CE-SAT-IIB is a technical demonstration of a microsatellite. It takes images of the Earth to demonstrate the microsatellites capabilities.
4. Payloads are permitted in line with the [Outer Space and High-altitude Activities Act 2017](#) (OSHAA) and the [Outer Space and High-altitude Activities \(Licences and Permits\) Regulations 2017](#).
5. Each payload has been approved by the Minister for Economic Development, 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 he is 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
17 September 2019	190073-PPT	CE-SAT-IIB	Canon Electronics Inc	Japan



**NEW ZEALAND
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PAYLOAD PERMIT
190073 -P PT

I, Hon Phil Twyford, as Minister for Economic Development, acting pursuant to section 17 of the Outer Space and High-altitude Activities Act 2017 grant a Payload Permit to:

Canon Electronics Inc

Canon Electronics Inc is authorised to launch and operate 'CE-SAT-IIB', for the purpose of Technology Demonstration.

This permit will take effect upon signature, and will expire when the payload is no longer in the Earth's orbit.

This permit is granted subject to the Outer Space and High-altitude Activities Act 2017 and all regulations under the Act, and the conditions of the permit.

17.9.19

Dated

Hon Phil Twyford
Minister for Economic Development



New Zealand Government



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