



PERMITTING DECISION SUMMARY

Pearl White

United States Air Force Space Command

1. The United States Air Force Space Command is part of the United States Department of Defense.
2. Pearl White is comprised of two experimental CubeSats. The CubeSats have no remote sensing capabilities.
3. The objective of the Pearl White CubeSats is to provide a testbed for new propulsion, power and communications technologies.
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.
6. Prior to the OSHAA, the [contract with Rocket Lab](#) allowed the Government to veto the launch of any payload that it determined was contrary to New Zealand law, regulations or policy, was contrary to New Zealand's international obligations or would prejudice New Zealand's national security or other national interests. Every payload launched by Rocket Lab under the contract was assessed against these interests.

Date Granted	Authorisation Number	Payload Name	Owner or Operator	Country of Origin
3 July 2019	190078-PPT	Pearl White	United States Air Force Space Command	United States



**NEW ZEALAND
SPACE AGENCY**



PAYLOAD PERMIT
190078 -P PT

I, Hon David Parker, 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:

**United States Air Force Space
Command**

United States Air Force Space Command is authorised to launch and operate TWO payloads, "Pearl White", for the purpose of technology demonstration.

This permit will take effect upon signature, and will expire when the payloads are 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.

3/7/19

Dated

Acting

Hon David Parker
Minister for Economic Development



New Zealand Government



**MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT**
HIKI NA WHAKATUTUKI

New Zealand Government