



## LICENSING DECISION SUMMARY

### Into the Black

#### University of Canterbury Aerospace Club

1. The University of Canterbury Aerospace Club is a student-led club sponsored by the Department of Mechanical Engineering.
2. Into the Black is a 3.46m, two stage high-powered sounding rocket. It was built and designed by students in the Aerospace Club. It has a GPS device in the nose cone to aid post-launch recovery.
3. Into the Black aimed to break the world amateur two stage altitude record and the world altitude record by reaching an altitude of 120km.
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 high-altitude vehicle licence 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 high-altitude vehicle licence;
  - b. The proposed operation of the high-altitude vehicle licence 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 high-altitude vehicle licence if he is not satisfied that the proposed operation of the vehicle is in New Zealand's national interest.
6. On 29 June 2019 the licence was revoked by the Minister for Economic Development. This was done at the request of the University of Canterbury Aerospace Club.

Date Granted	Authorisation Number	Payload Name	Owner or Operator	Country of Origin
21 February 2019	190056-HAV	Into the Black	University of Canterbury Aerospace Club	New Zealand



**NEW ZEALAND  
SPACE AGENCY**



## HIGH-ALTITUDE LICENCE

190056-HAV

I, Hon David Parker, as Minister for Economic Development, acting pursuant to section 47 of the Outer Space and High-altitude Activities Act 2017 grant a high-altitude licence to:

### University of Canterbury Aerospace Club

University of Canterbury Aerospace Club is authorised to launch two sounding rockets for the purpose of attempting to break the amateur two stage altitude record and world amateur altitude record.

This licence will take effect immediately, and will expire upon the rockets being launched or within 5 years of the licence taking effect.

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

21 FEB 2019

Dated

Hon David Parker  
Minister for Economic Development