



PERMITTING DECISION SUMMARY

Kestrel-0A

HawkEye 360, Inc

1. HawkEye 360, Inc is a US radio frequency data analytics company which operates a commercial satellite constellation to identify, process, and geolocate radio frequency signals. The constellation is built by 'clusters' (groupings) of three satellites per cluster.
2. Kestrel-0A is a single technology demonstrating payload, separate to the cluster constellation, that will detect electromagnetic energy in a different frequency range.
3. 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](#).
4. 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
27 April 2025	250456-PPT	Kestrel-0A	HawkEye 360, Inc	United States