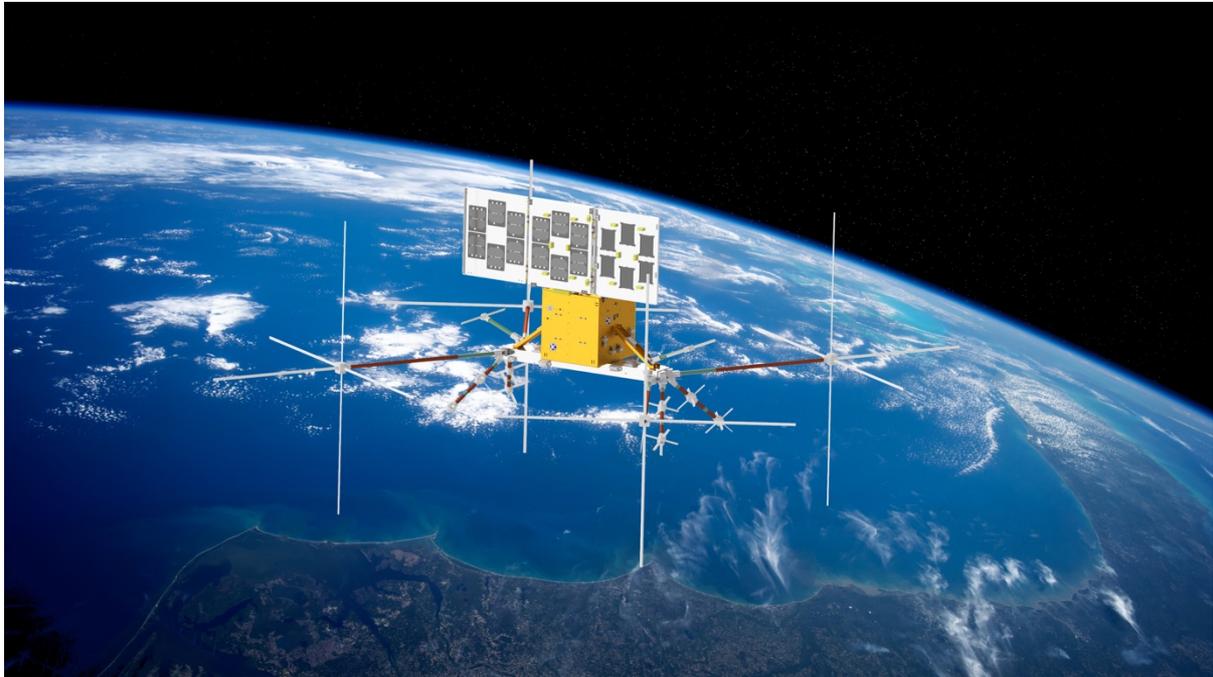


2 July 2021

## Skykraft: Ready for Flight

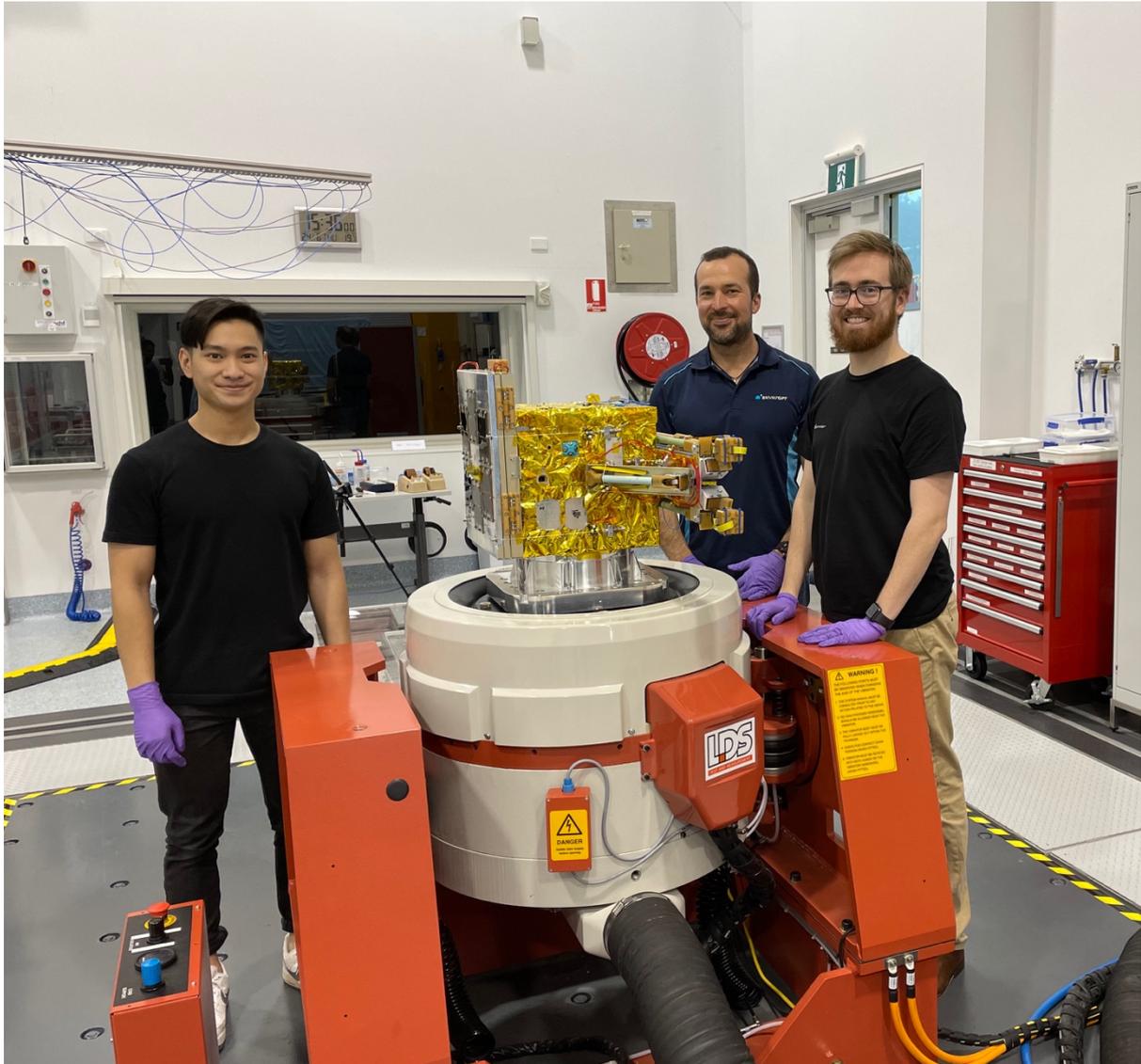


*Impression of Majura, Skykraft's first satellite, demonstrating space-based Air Traffic Management services in Low Earth Orbit.*

Skykraft's Majura satellite has successfully completed flight qualification at the Australian National University's Mt Stromlo Advanced Instrumentation and Technology Centre. Skykraft completed Majura's test programme with vibration testing, replicating the rocket vibration environment that the spacecraft will experience during launch. With Majura now flight qualified, Skykraft is ready for launch in December 2021.

This represents a leap in capability for both Skykraft and Australia. Skykraft's Small Satellite (SmallSat) capability is much larger and more capable than a CubeSat. Majura, named after a local Canberran Mountain which hosts a Radar and Aircraft Monitoring station, provides the foundation for Skykraft's space-based Air Traffic Management Constellation and is the first launch in the development roadmap. Majura will demonstrate space-based VHF communications and provide crucial space-heritage of sub-systems for future missions.

Skykraft Executive Chair, AVM (ret.) Mark Skidmore, said: "The flight readiness of Majura is an important milestone for Skykraft and Australia's space capability. This provides the perfect platform for the roll-out of space services through our Air Traffic Management Constellation".



*Skykraft's Majura satellite, mounted on the Mecano ID launch adaptor, completed vibration testing at ANU's Mt Stromlo AITC.*

Skykraft is partnering with MECANO ID who have developed a launch adaptor, Ejection of Satellite (EOS) with funding from the French Space Agency, CNES. MECANO ID is a French company based in Toulouse, with 80 collaborators and more than 25 years of experience, mainly dedicated to the engineering, manufacture and testing of spacecraft structures.

Skykraft, a spin-off from the University of New South Wales Canberra Space Programme, has proudly manufactured, designed and tested its spacecraft using local Australian suppliers. The satellite includes parts made by the growing Australian aerospace manufacturing supply chain from companies like NextGen Laser Cutting, Infinity Avionics, Zeal 3D Printing, IronBox Engineering and Emax Engineering.

With the support of the ACT Government's Priority Investment Program (PIP) and the Australian Space Agency's International Space Investment (ISI) Grant, Skykraft will begin launching clusters of satellites over the next 12 months, laying the foundation for Skykraft's Air Traffic Management Constellation. This will be a transformation point for the Australian

space industry by demonstrating a cost-effective means to rapidly deploy SmallSat constellations.

Skykraft will soon be announcing an exciting new opportunity for local space industries and academia by hosting payload rideshare opportunities. This will be achieved by leveraging the low cost of launching multiple SmallSat spacecraft off a single launcher.

### **About Skykraft Pty Ltd**

Specializing in global spacecraft constellations, Skykraft Pty Ltd is a sovereign SmallSat design and manufacture company that provides commercially viable services to end users. Skykraft's base constellation, which is under rapid development, is intended for space-based air traffic management services whose operations will begin in 2023. Skykraft's capabilities include the design, construction, testing and operation of new SmallSat constellations for a variety of applications, such as air traffic management, Defence communication, Internet of Things (IoT), maritime and agricultural surveillance, border protection, and communications.

Affordable SmallSat constellations open up many new applications that demand 24/7 global coverage and the rapid delivery of data and services to the end user – anywhere, anytime.

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For more information visit <https://www.skykraft.com.au/>