





Airbus LOOP - Your Multi-Purpose Orbital Module

ONE MODULE, THREE DECKS, **FNDI FSS**

ENDLESS POSSIBILITIES



HABITATION DECK

Crew quarters and exercise possibilities.



SCIENCE DECK

Airlock, payload space, glove box, rack system and shelving.



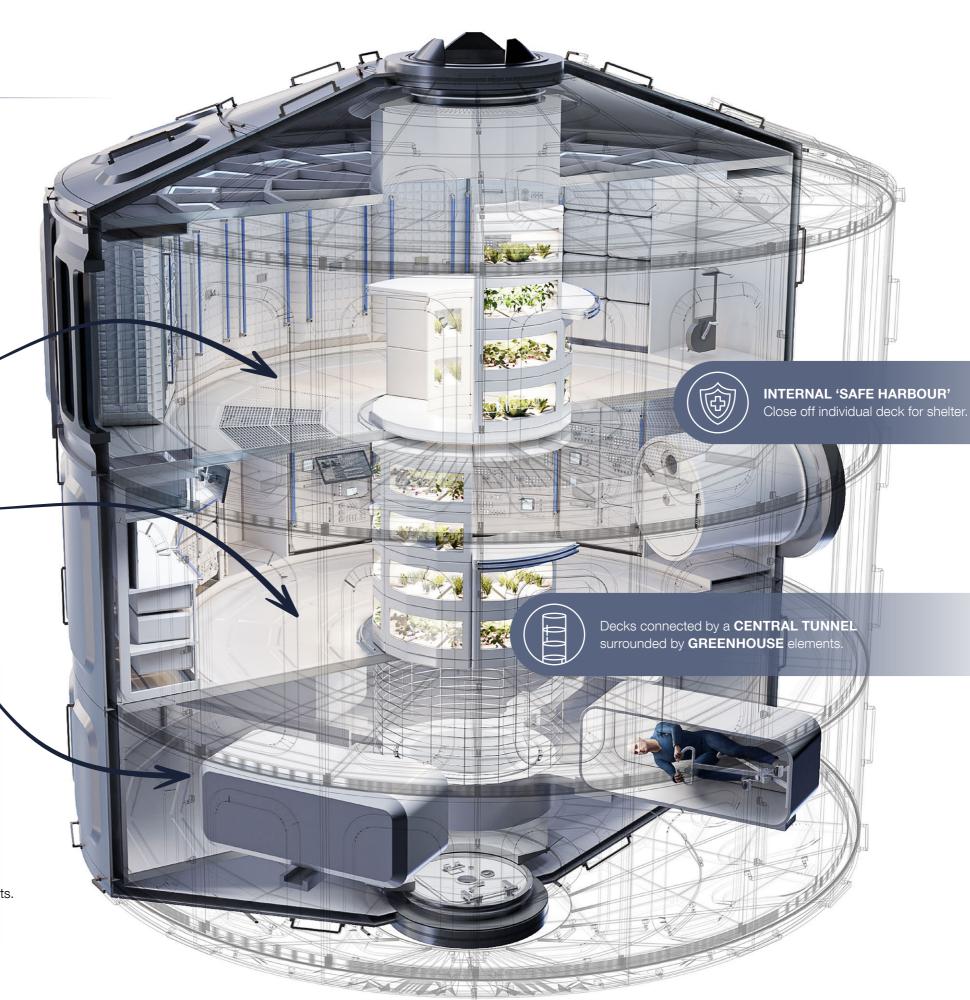
CENTRIFUGE

Creates gravity situation, reducing stress of weightlessness on body.

SELECT YOUR DECK(S), DESIGN YOUR MODULE(S)

A modular approach enables Airbus LOOP customers to adapt the deck selection to their respective mission requirements. Operators may choose to replace any or all of the three decks with individually designed options e.g. an Entertainment Deck, an In-Orbit Factory, Medical Facilities, Luxury Accommodation, and more.

Customers may also resort to a 'dry' module or deck, i.e. a mechanical structure with no outfitting, and equip it with their own infrastructure elements.



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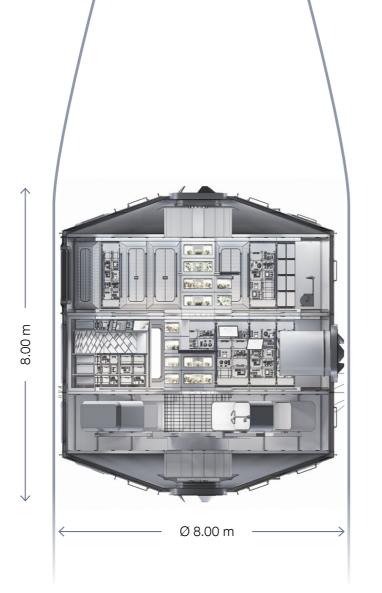




ZERO ON-ORBIT INTEGRATION EFFORT

The Airbus LOOP is designed to fit with the upcoming generation of super-heavy launchers that can launch an entire module in one piece, eliminating the need for a complex and time-consuming assembly in Space.

An on-ground integration of large systems such as an entire centrifuge is feasible; solar panels and airlocks are also installed pre-launch, external payloads will be attached to the rigid shell once in orbit.





YOUR MULTI-PURPOSE

ORBITAL MODULE

The Airbus LOOP builds upon everything that has been learnt over the decades of Human Spaceflight and fully exploits the potential of tomorrow's technologies in order to best support humanities' future in Space: In Low-Earth or Lunar Orbit, or on long-term missions to Mars.

This novel orbital module - or any element of it - can become part of any post-ISS and other future infrastructure, be they commercial or institutional in nature.

Under the Airbus LOOP umbrella, Airbus also offers a variety of services and products that support Human Spaceflight Missions, ranging from consulting services through system integration to individual payloads and operations.

For all of this, Airbus can build on its substantial heritage from major human spaceflight programmes such as the ISS Columbus Module, the Automated Transfer Vehicle (ATV) and the Orion European Service Module (ESM).





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More information on www.airbus.com/space