

EXCALIBUR • ALMAZ

Excalibur Almaz announces lunar and deep space mission capability

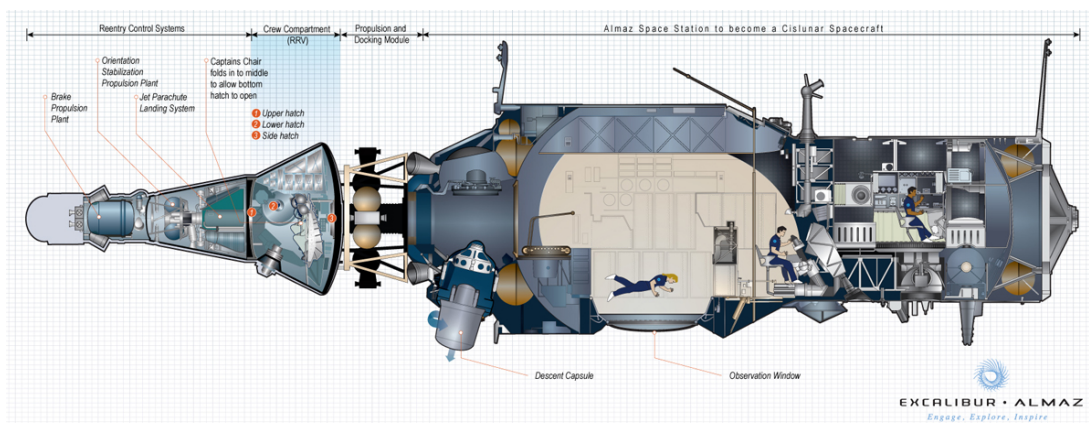
PRESS RELEASE

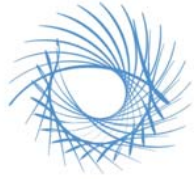
DOUGLAS, ISLE OF MAN, May 27, 2012 – Excalibur Almaz Limited (EA) CEO, Art Dula, announced today at the National Space Society's International Space Development Conference (ISDC) in Washington D.C. bold plans to reach farther than any other manned-space mission has traveled in recent years. In unveiling his company's lunar and deep space mission capability, Mr. Dula took another step toward achieving the next giant leap in space exploration and creating an affordable commercial space program.

"Excalibur Almaz's approach is to leverage the billions of dollars of past investment by governments of spacefaring nations and apply advanced technology on an as needed basis to develop a space architecture that provides efficient access to space for commercialization, research and exploration," said Mr. Dula.

As competition mounts in the new space race, Excalibur Almaz benefits from its high degree of technical readiness. This advantage includes already achieving nine successful Reusable Return Vehicle (RRV) Capsule flights, reentries and soft landings with one RRV being flight-tested three times in space and one RRV staying in orbit attached to a Salyut Space Station for 175 days. Numerous other ground and flight tests have also been performed on Excalibur Almaz's RRV Capsules with each RRV expected to be reusable for up to 15 spaceflights.

EA's large Salyut-type space stations are equivalent to modules flown in space on every space station since 1972. The Salyut-type modules on the Salyut-7 Space Station, Russian MIR Space Station and the Zarya module currently on the International Space Station have been proven during many thousands of hours on orbit.





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"Using the modular architecture of our spacecraft and service/cargo modules, Excalibur Almaz transportation systems will provide the lowest development risk approach to create the first step in the infrastructure needed to provide commercially viable business activities in space, including asteroid and lunar mining, research and lunar and planetary exploration," said Mr. Dula.

Excalibur Almaz core space services will include passenger sales, crew & cargo transportation, payload transportation, deployment & recovery, tele-science & microgravity research, remote sensing and geological evaluations & mapping. Additional services will include charter missions, advertising & sponsorship opportunities, entertainment and astronaut training.

"Our RRV Crew Capsule and the larger Salyut-type Spacecraft will rendezvous and dock in Low Earth Orbit (LEO)," said Mr. Dula. "From LEO our space missions can then take multiple paths to lunar transfer orbit, Low Lunar Orbit, L2 and beyond for all forms of space commercial activities. The options include using low energy transfer orbits to travel to gravity-stable destinations called Lagrange Points, a traditional chemical injection stage and Hohmann transfer technique for a rapid trip or an Earth-Moon cycler orbit to fly by the Moon every two weeks."

The ISDC is just one stop in Mr. Dula's speaking tour unveiling his company's lunar and deep space mission capability. He will present EA's business case and markets and exhibit a twice-flown RRV Capsule at the Royal Aeronautical Society's 3rd European Space Tourism Conference in London June 19. Excalibur Almaz will then exhibit both of its 90-cubic meter habitable volume Spacecraft at the Space: From Foray to Habitation Conference on the Isle of Man, British Isles July 10.

For more information visit www.excaliburalmaz.com or contact Robert Lazaro, Excalibur Almaz Public Relations Director at rlazaro@excaliburalmaz.com.



About Excalibur Almaz:

Excalibur Almaz's mission is to become the world leader in providing reliable, affordable and routine access to space for exploration, experimentation and tourism for customers around the world. EA plans to accomplish this by leveraging proven flight tested products and systems from US, European and Russian space programs to create value as well as reduce costs and development time.