

IAF SPACE PROPULSION SYMPOSIUM (C4)
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Author: Mr. Oleg Aleksandrov
Private individual www.oleg.space, United States, oleg@aviastar.us

RING ROCKETS

Abstract

This report will be devoted to opportunity fast development and construction of superheavy carrier rockets for an exit in space from a surface of Earth of freights weighing more than 150 tons, without the organization of expensive and bulky starting complexes and infrastructures. Such way is patented now. This type of rockets is planned to use for rise in space 1. Space stations of new generation. 2. Big capacities for space fuel refuelers 3. The interplanetary piloted ships 4. Radio telescopes and phase lattices of the big size 5. Panels for solar power stations 6. As it isn't surprising but ring rockets will allow to deliver in space entirely planes in assembled form, helicopters, and gliders with big scope of aerodynamic surfaces, for example for research of Mars.