

R-7 - Voskhod 2

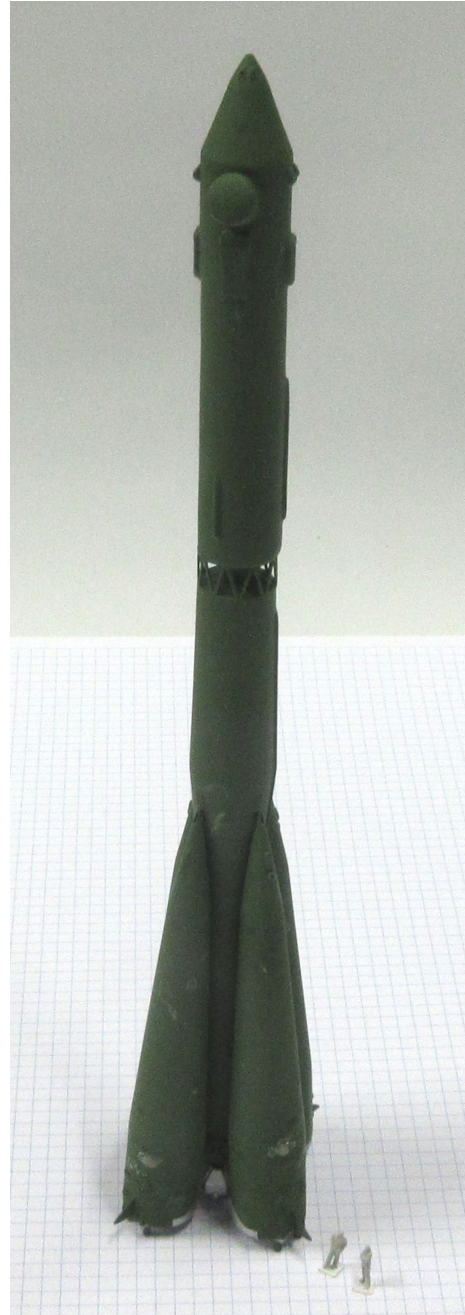
Russia's *Voskhod* spacecraft were modified *Vostoks* with some safety equipment removed to make room for crews of two or three. *Voskhod 2* had a collapsible air lock and its crew made the first space walk on 18 March 1965.

The *Voskhod* was hastily developed so Russia could beat the United States in launching the first multi-crewed spacecraft and performing the world's first EVA. For the *Voskhod 1* flight on 12 October 1964 a *Vostok* capsule carried a crew of three in very cramped conditions on a day long orbital flight. *Voskhod 2* had a crew of two and a collapsible air lock. From it Alexey Leonov made the world's first EVA lasting 20 minutes. These were the only *Voskhod* flights and after them the Russian manned space program moved on to the more advanced Soyuz spacecraft.

This model represents the R-7 launcher and *Voskhod 2* on 18 March 1965

Data: R-7: *Engines* Stage 1: four strap on boosters each with four RD-107 engines of 3.89MN and a central core of four RD-108 engines of 912kN. Stage 2 one RD-0108 engine of 294.2kN thrust. *Height* 42.89m (140ft 8in). *Width* 10.30m (33ft 9in). *Voskhod 2: Length:* 4,4m (14ft 4in), *Width* 2.4m (7ft 10in)

Aer Moldova 1/144 kit with *Real Space Models* *Voskhod* stage and *New Ware* decals completed by Leigh Edmonds in February 2008.



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