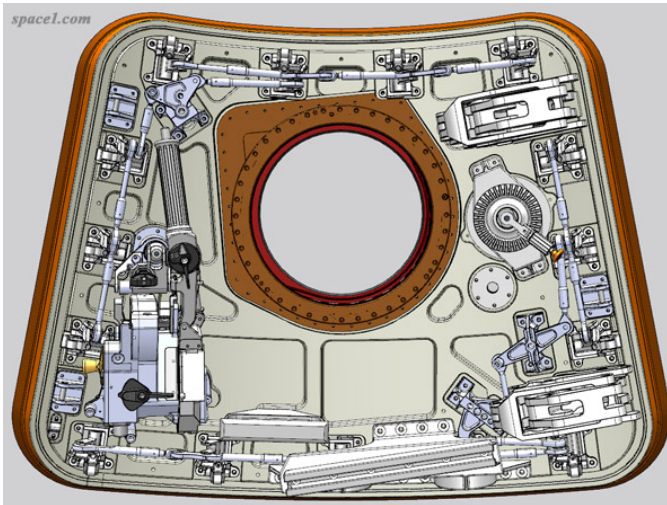


Update Spring 2012:

Apollo 11 Hatch Working Model (Full Scale)



Historic Space Systems (HSS) is currently creating a working model of the Apollo 11 spacecraft side hatch.

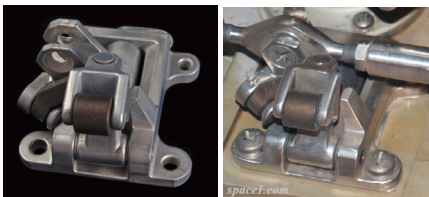
Relying on its archive of thousands of actual spacecraft blueprints, HSS has created a highly accurate digital model of the hatch. From this digital hatch model, a physical hatch model is methodically emerging using a Rapid Prototyping process.

The completed hatch model will be a testament to the ingenuity and technology that enabled astronauts to fly to the moon decades ago. It will be offered as an exhibit to museums for purchase or for rental, as well as to discerning individual collectors.

The complete hatch digital model (left) reveals the master plan for the interlocking puzzle of hatch structure pieces (right), produced in plastic using Rapid Prototyping.

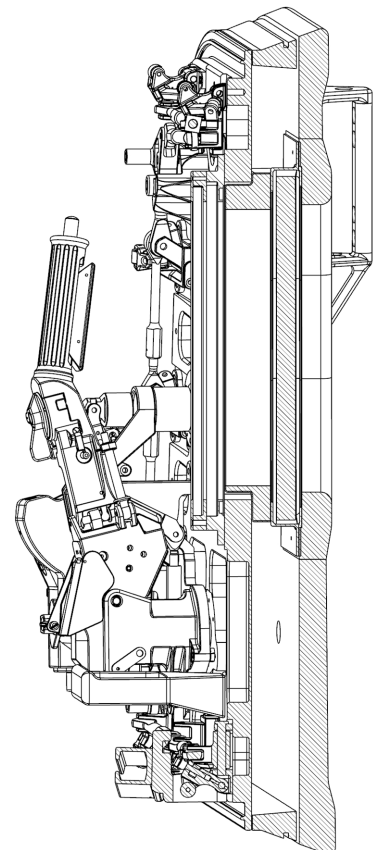


Some of the hundreds of parts that will make up the hatch model. Yellow parts at right appear as they were removed from the Rapid Prototyping machine. Parts required include 15 latch assemblies, linkage and bellcrank assemblies, a gearbox housing and its internal gear assemblies, pressure equalization valve, hinges, and hatch window.



Physical latch assembly model (left), and real Apollo 11 latch assembly (right).

At right, a sectional view of the hatch digital model reveals its complexity in greater depth.



*exhibits that launch
imagination^(tm)*

Historic Space Systems specializes in realistic historically accurate reproductions of US manned spacecraft. For more information contact John Fongheiser, 740-599-6779, hss@space1.com.