



DESIGN A LUNAR LANDER

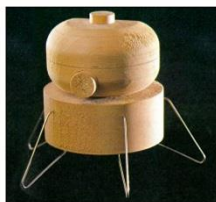
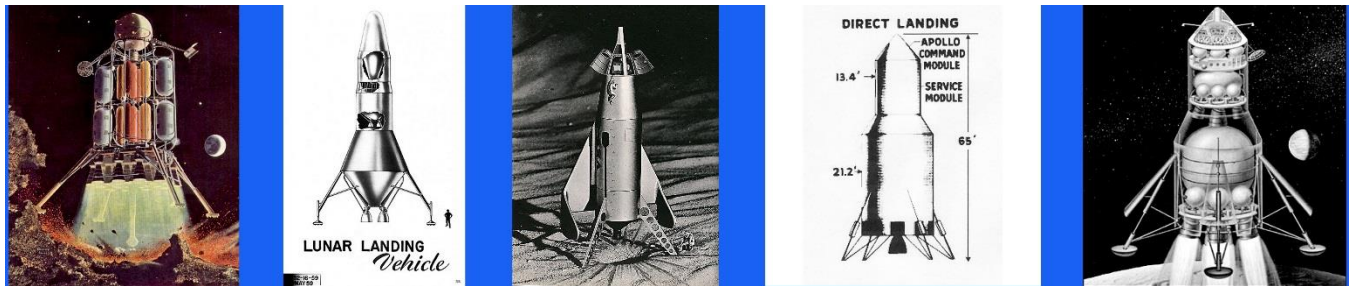
USS Hornet Sea, Air & Space Museum
 Alameda, CA
www.uss-hornet.org

WHAT WOULD YOUR LUNAR LANDER LOOK LIKE?

A Lunar Lander needs the following to be the best it can be:

- A way to land softly and safely on the surface of the Moon
- To be as lightweight as possible—more weight means more fuel will have to be brought in to get it back up into orbit to meet up with the Command Module!
- A way for astronauts to safely enter and exit the module, both when they land on the Moon and to get back into the Command Module!
- Storage for Moon rocks and other samples, and for scientific equipment!

Concept designs for NASA's Lunar Lander changed a lot over the years as they tried to find the right design that would fit their needs.



1962 Grumman Prototype



1962 refinement (5 legged)



1963 refinement



1965 refinement



1969 finalized design

DRAW YOUR LANDER!

Can you draw a lunar lander on the surface of the Moon?



If you draw one, please share it on our Facebook page or tag us on Instagram @usshornetmuseum!