

# Wireframe For CS Project

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(NOTE: TEXTS IN BLUE ARE FOR THE  
EVENTS THAT WILL TAKE PLACE  
IF THE USER DOES AN ACTION)

# AD ASTRA ASPERA

THROUGH HARDSHIPS THROUGH THE STARS

HOME

Space, the final frontier. Only recently have we managed to get ourselves to travel far and beyond - towards the dark, starry void. From the very beginning, we have used rockets to travel from the ground up. These rockets are wonderful machines with power so extraordinarily unmatched that with them, we have reached speeds that we thought off as overly idealistic not long ago. With this website, we will briefly learn about rocket history and rocket science through an interactive medium.

## ROCKET HISTORY

What is a rocket? Technically speaking, a rocket is any cylindrical object that is able to reach great heights through the contents inside it. But what differentiates a big space rocket from a firework? By answering this question we need to visit Konstantin Tsiolkovsky, one of the earliest pioneers of modern rocket science... (THIS TEXT ONLY SHOWS UP IF MOUSE HOVERS OVER THIS TAB)

HOVERING MOUSE OVER THIS TAB WILL MAGNIFY IT AND LEAD TO A TRANSITION TO THE DESIRED PAGE (CHECK NEXT PAGE FOR MORE INFO)



## PARTS OF A ROCKET

We all know that rockets fly, but only a handful know the science behind it. How is it that a rocket that weighs millions and millions of kilograms is able to propel itself to great distances that go beyond the Earth's Atmosphere?... (THIS TEXT ONLY SHOWS UP IF MOUSE HOVERS OVER THIS TAB)

HOVERING MOUSE OVER THIS TAB WILL MAGNIFY IT AND LEAD TO A TRANSITION TO THE DESIRED PAGE (CHECK NEXT PAGE FOR MORE INFO)



TRANSITION: THE WEBPAGE WILL CUT TO A VIDEO OF A SHOT GOING THROUGH SPACE WHICH WILL BLACK OUT AND FADE AWAY, LEADING TO THE NEXT WEBPAGE



# ROCKET HISTORY

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HOME >> ROCKET HISTORY

This Page Is For Rocket History. It is just a simple timeline, no special interaction

Konstantin publishes papers theorizing about powering rockets with liquid fuel instead of solid fuels. Robert H. Goddard also publishes a paper 12 years after (1915) regarding his experiments about liquid oxygen and gasoline as fuel for powering a small rocket successfully.

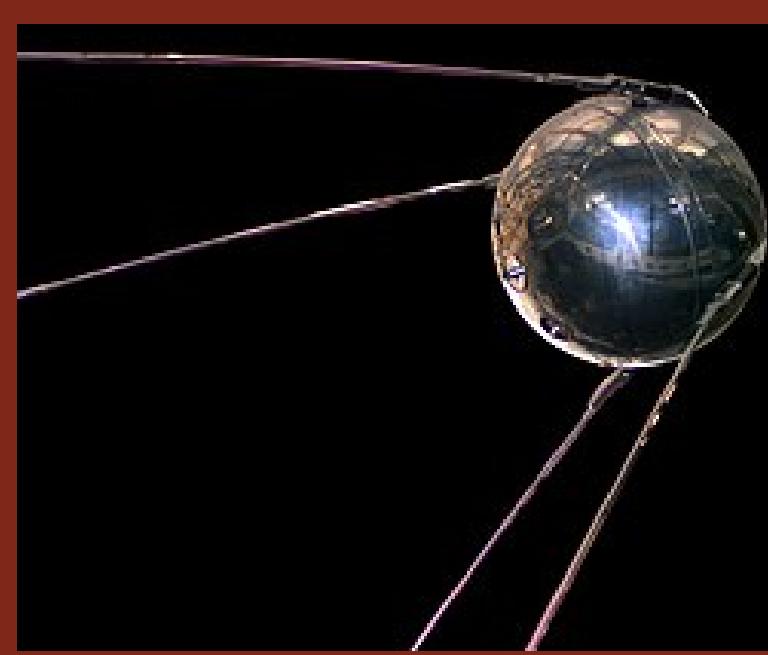
1910



1936

Dr. Hermann Oberth makes papers regarding rocket travel during 1923. This served as the inspiration for the German missile V2 (A liquid fuel powered missile) that was supposed to be used against England. However, the rocket was made too late to be used by Germany.

1957



1957

The Timeline will keep expanding as there are many events in rocket history

## GO BACK HOME



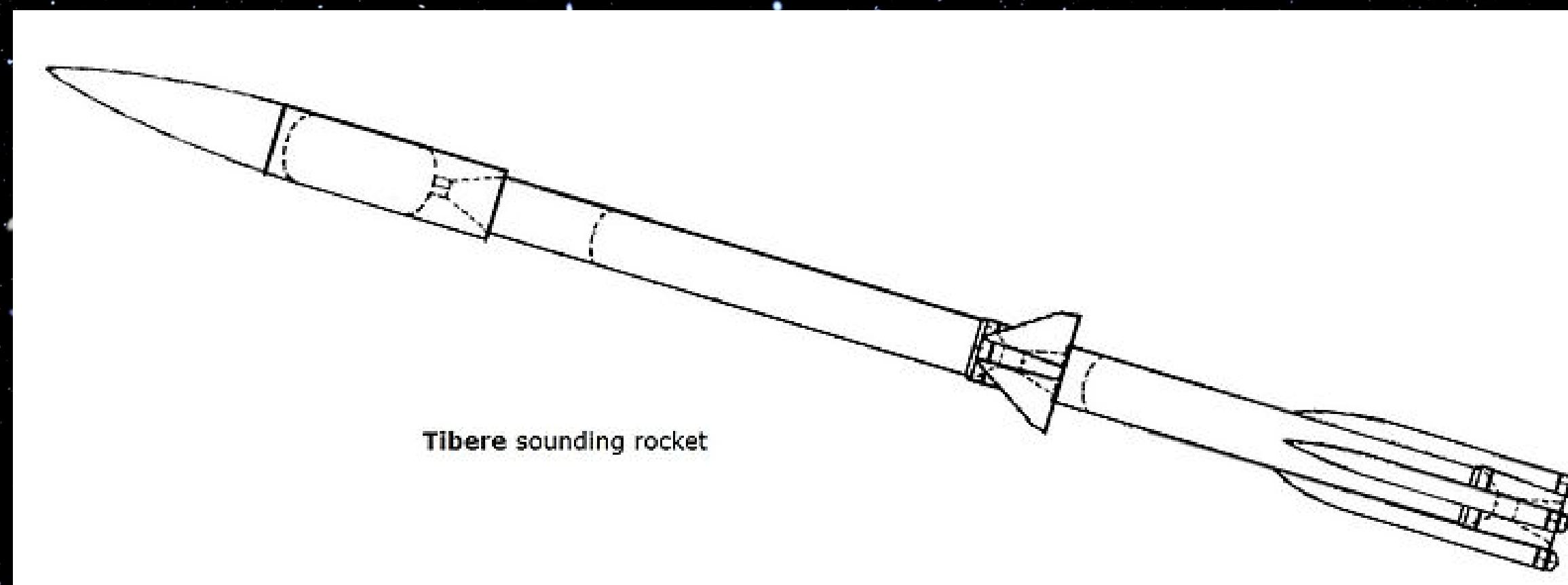
Aside from the Breadcrumb, this is the more visual button for going back home.



# ROCKET PARTS

THROUGH HARDSHIPS THROUGH THE STARS

HOME >> ROCKET PARTS

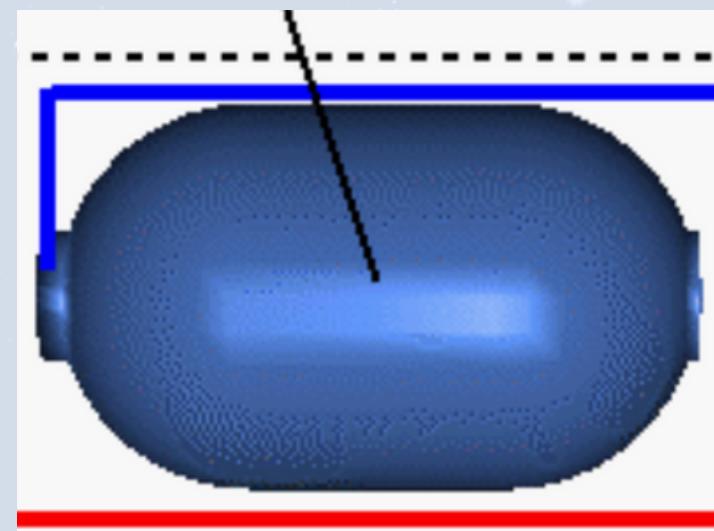


Tibere sounding rocket

This is a placeholder photo for now. We will have a better photo of a rocket soon. Hovering over a specific part of the rocket will magnify that part and then it will lead to a description to the bottom part about that page

## ROCKET PART SAMPLE

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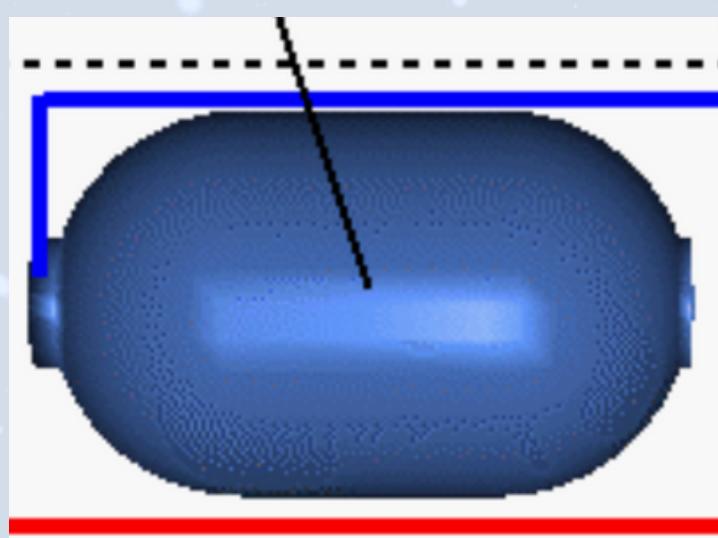


GO BACK UP ^

Link will lead to the top of the page again

## ROCKET PART SAMPLE

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GO BACK UP ^

Link will lead to the top of the page again

The parts will keep expanding as there are many parts in a rocket

## GO BACK HOME



Aside from the breadcrumb, this is the more visual button for going back home.