May 5th 1961

On the 5th of May 1961 at 14:34 UTC the spacecraft named freedom 7 lifted off the launch pad with astronaut Allen Shepard on bored. This was the second person to leave the earth into space in a sub orbital test reaching an apogee of 101 nautical miles, well above the carman line at 62 miles.

 July 21, 1961

On July 21st, 1961 astronaut Gus Grissom left launch pad LC-5 on a Redstone rocket aboard the spacecraft Liberty Bell 7. This mission was similar to Allen shepherds’ mission in its goals. This mission proved useful as when the spacecraft landed in the Atlantic Ocean, upon landing the emergency hatch blew open causing the capsule to sink, no one was hurt in the accident but forced a redesign of the hatch.

14:47 on Feb. 20, 1962 friendship 7

On February 20th, 1962 at 14:47 UTC astronaut john glen became the first American to orbit the earth aboard the spacecraft friendship 7, launched on a new rocked, the Atlas LV-3B this gave the spacecraft enough speed to reach orbital velocity. John glen completed three orbits before landing in the Atlantic Ocean safely.

12:45 on May 24, 1962

On the 24th of May 1962 astronaut Scott Carpenter became the sixth human to orbit earth aboard an Atlas LV-3B rocket in his spacecraft Aurora 7. Scott Carpenter became the second American to orbit the earth. The aim of the mission was to examine the affects micro gravity had on liquids. The second gaol of the mission was to conduct photography from space. The last goal was to see if flares could be seen from space, which they could not.

*Sigma 7* 12:15 on Oct. 3, 1962

On the 3rd of October 1962 at 12:15 UTC astronaut Wally Schirra and his spacecraft sigma 7 launched from LC-14 aboard an Atlas LV-3B 113-D into orbit. During this flight a lot of tests were conducted, and a lot of systems were tested. The capsule encountered a large amount of issues during the flight, but none of these issues were mission critical. The flight lasted six orbits with Wally Schirra finishing his mission as he landed in the Pacific Ocean.

13:04 on May 15, 1963 faith 7

On the 15th May 1963 astronaut Gordon Cooper launched from LC-14 aboard his spacecraft faith 7 launched from an Atlas LV-3B 130-D. The mission went smoothly and broke many records for human space flight. Gordon cooper conducted a wide range of experiments while in orbit. Gordon cooper was in orbit for thirty-four hours covering 878,971 kilometres in twenty orbits. This mission was the last of the mercury program and lead the way to the Gemini program.