AEROSPACE ENGINEERING

Started in 1909 - continued into the future

BY: ANDREW GABRIEL AND JUSTIN WORDEN
Aerospace engineers design, build, test, and supervise the building of aircrafts and spacecrafts.
### JOBS OF AN AEROSPACE ENGINEER

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<th>JOB</th>
<th>DEFINITION OF JOB</th>
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<td>An aerospace engineer can be an aircraft mechanic.</td>
<td>This job consists of fixing and repairing damaged and broken aircrafts and spacecrafts.</td>
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<td>Another thing they could do is be an aeronautical and aerospace test pilot.</td>
<td>Their job is to fly and test planes and plane prototypes.</td>
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Tasks in the Field

- To test aircrafts and their components.
- To repair and add to the air fleet.
- Designing cockpit doors and security screening equipment to protect pilots, crew, and commercial passengers.
Amelia Earhart went to Columbia University, a medical school originally planning to be a doctor.

After graduating from medical school, she attended an aerial meet to see what it was like. She got hooked on flying after she flew up that first time in the plane.

Amelia was so interested in flying that she tried to be the first woman to fly around the world, but was then lost after communication was broken after she crossed an island that she was supposed to gas up her plane on.
Wilbur and Orville Wright attended Central High School in North Carolina, and despite their amazing skills at designing and flying planes, they never went to college.

The Wright Brothers then went on to build and fly, with no college education, they flew the first airplane on December 17, 1909 off Devil Hill in Kitty Hawk, North Carolina.

The focus for the Wright Brothers all the time was to build a plane; making them the first aerospace engineers of all time except for Leonardo DaVinci.
HUBBLE SPACE CRAFT AND TELESCOPE

- Hovers at 600 kilometers above Earth to take pictures of the universe around us.
- Designed during the 1970’s, launched in 1990.
- Still is state-of-the-art with astronauts making improvements.
- Traveled 1,489 billion miles, circles the earth every 97 minutes.
MARS EXPLORATION ROVER

• Twin rovers that were launched on June 10, 2003 and July 7, 2003.
• Used to study soil and rocks to see if there was water on Mars.
• Found Gvreu Crater that might have been a Martian lake.
Dajun Zhang went to the Peking University in Peking, China.
Dajun then emigrated to New Jersey and began to work at Rutgers as an aerospace and mechanical engineering professor.
One of the prestigious awards Dajun posses are the first place medal in college entrance exams.
Aerospace engineers are making new advances in their field all the time. They are very important to civilization and no one knows what they will make fly next…