

- I can use information from the text to explain how HAM was prepared to go to space. Name: Ava
- I can explain why HAM was chosen to go to space.
- I can share my understandings respectfully during discussions before we write. Date: 5-1-2015

Source #1: Apestronaut!

Adapted from an article by Bill Moulard
<http://www.dailymail.co.uk/sciencetech/article-1360110/Chimp-Ham-recruited-US-50-years-ago-help-beat-Russia-space-race.html#ixzz2sSpwa2cd>

Meet Ham, the chimp recruited by the U.S. 50 years ago to help beat Russia in the space race. He may sound like a comic book character, but Ham the astrochimp had a serious job. One of a team of 40 chimpanzees specially trained by the U.S. to make a monkey out of the Soviet Union's attempt to win the space race, Ham made history 50 years ago as the first chimp to be launched into space.

With the Russians inching ever closer to sending a human into orbit, the Americans decided to use a three-year-old chimp to find out whether humans would be able to survive in space. The Soviet Union had previously sent dogs into space, but the U.S. chose chimps because of their similarities to humans.



The right stuff: Ham is bolted into his capsule on top of the rocket that will blast him over 150 miles into space.

Originally from Cameroon in Africa, and once the star attraction at a Florida zoo, the United States Air Force bought Ham to boldly go where only fruit flies, monkeys, and a dog called Laika had gone before.

Laika was a Russian hound who became the first animal to orbit the earth in November 1957 aboard the Sputnik 2 satellite. She survived for seven days before her oxygen ran out.

The difference with Ham — who got his name from the Holloman Aerospace Medical Center where he was housed — was that he would not only go up into space, but also come down again safely.

Laid back: Ham appeared just as relaxed while preparing for take-off (left) as he did having come back down to earth.



I claim that Ham was chosen since he left and having come back the same safe way alive and ok. and they knew he would survive.

I claim that Ham was chosen to go to space since people thought he would do good.

I claim that Ham was safely bolted since he was the best if he was bolted into space.

was very different from Laikas since Laika died from oxygen running out and being in space.

to send Ham to space since the Russians were trying to send humans to space.

was different from Laika since Ham was bolted safely and Laika died.

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Ham was perfect because they gave him a diet.

Ham and his fellow chimps were prepared for the flight for two-and-a-half years, and taught to complete simple tasks in response to lights and sounds. Pushing a lever within five seconds of seeing a flashing blue light earned him a banana pellet; failure to push the lever gave him a mild electric shock to the bottoms of his feet. They were even fed the diet of banana capsules they would be eating in space.

Ham was perfect because we put a test and we was perfect and come.



Scientists put the apes to the test on machines that measured the stresses they could cope with in terms of gravity, velocity and heat.

They probably were both hurt because the oxygen levels began to drop.

On January 31, 1961, Ham was launched on Mission MR-2 — but almost immediately there was a problem. The flight path was a degree higher than it should have been, meaning the craft reached an altitude of 157 miles above the earth — higher than the planned target of 115, and oxygen levels began to drop.

For six minutes of the flight, Ham was weightless as the capsule sped across the sky at around 5,000 mph (miles per hour). It splashed down in the Atlantic Ocean 16 minutes and 39 seconds later, and when rescuers reached it, Ham gratefully accepted an apple and half an orange.



Testing time: Ham, wearing his military dog tags, undergoes medical tests after the space mission.

Ham and Laika are different because Laika died in space because of out of control cases.

Ham was unharmed by his adventure, and went to live at the National Zoo in Washington for 17 years. He died of natural causes at North Carolina Zoo at the age of 25.

The space race didn't end with his flight, though. Although the Americans could claim they had put an ape into space, the Russians argued that the flight was only sub-orbital — in other words, it hadn't gone all the way around Earth. On April 12, 1961, Russian cosmonaut Yuri Gagarin entered the history books when he became the first man in space aboard Vostok 1. The Americans followed a month later on May 5 when Alan B. Shepard became the first American astronaut. By then, Ham already had his feet up.

They are very different because Laika did not go around Earth and Ham did not.

Historical Fiction Story Map

Setting: Zoo 1958 Evening

Characters: Ham the chimp, Scientists, other chimps, Zoo keeper

Beginning

Problem: Ham does not want to leave his friend

Solution: They said to Ham that he'd get to see them after the mission and he had a special

S: Alderman Aerospace Medical Center, 1956, Space Special with story

C: Ham the chimp, Scientist named Eleanor, nurse, other chimps, and other scientists

Middle

P: Went too high and is running out of oxygen, then he goes 130 miles at target, there is a shark who is trying to get in the capsule and eat Ham. The capsule and...

S: The rescuers rushed to save him and cut him. He breathed the fresh air and felt happy.

S: The ship, the Doctors, back to the zoo

C: Doctors, Zoo keeper, chimp friends, Eleanor

P: He won't see his friend Eleanor again

End

S: She'll visit sometime