

CREATE A MIRACLE

Directed by Alfonso Cuarón science fiction movie Gravity opens on October 4, 2013 in the United States. In the movie, spectacular the movie stunt apply, the audience sitting in the 3D cinema is on the ground feel the site of some of the exciting scenes with movie hero. Today, this article through to the interpretation of Gravity making technology led the movie lovers into the magical movie stunt of the movie.

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From ancient times, human has been to constantly explore the mystery of the space. In 1961, Soviet cosmonaut Yuri Alekseyevich Gagarin became the first astronauts into space in human history, since then, the space became an attractive place. For the large science fiction movie *Gravity* is using the powerful movie stunt, although the audience in the theater, they can feel the vast expanse of the universe.

Film director Alfonso Cuarón is introduced, in order to go beyond the audience's view of "this one we've ever seen", in the film production team need to concrete present unimaginable space scene. *Gravity* presented the environment that a most of the earth humanity's audience is very unfamiliar, it called space, there is no water, no air, no direction, so they don't want to really put the camera on the international space station. The film starts with a long shot for 18 minutes, in the nearly twenty minutes, in the completely impossible environment to do a spot shoot, Alfonso Cuarón use a lot of the movie stunt that called CG represent the vast space, also specially set up the special filming tent, accomplished the weightlessness in underwater simulation performance.

CG is short for Computer Graphics, refers to the visual design and production of the use of computer technology. In other words, we can use CG technology to finish the movie scenes on

the computer which cannot actually shoot in the filming process. With today's CG technology, cannot realistically reproduce the sight of the earth, but in the *Gravity*, 80% of the space with the aid of pure CG to complete, the audience can't perceive a bit difference with physics and reality, this is because the film occurred in hundreds of miles from earth's space, there is no gravity, no air resistance and no the slightest disturbance, this became the cause of the CG technology and the *Gravity* bring out the best in each other.



At the same time, in order to ensure the height of the vivid movie scene, crew built a 6 meters high studio, built in 4096 LED bulbs, may cast out any lighting effects, placed a large display screen, playing video or pictures of simulated space environment, what we see on the display screen is a great earth that be made of the accurately movie stunt.

Scenes in the movie, if you want to get a camera lens that the astronaut rotating in space, it is a very trouble thing to arrange lamps under the condition of the green curtain, but in this special studio, you just need to adjust the content of the LED screen. LED screen of each pixel is a lamp, each lamp can control alone, and the camera lens used mechanical arm to control is flexible rotation in the space, the whole film shooting can achieve that actor is fixed, the camera turning around actor, which make the filming effect more realistic scenes that how human active in weightlessness in space.



Through the above we can see, the movie stunt, made the movie scene with an unprecedented shock. *Gravity* can be said to be a successful science fiction movie which used the movie stunt resoundingly, when we revel in the movie that present the vast expanse, mysterious beauty of space, we have to sigh with emotion, the movie stunt behind the movie created the miracle, so that we could sit in the cinema to experience a wonderful adventure in space.

We are looking forward to more and more powerful movie stunt can create more miracles for us, to make our future movies show more rich and colorful, beautiful scene. Let's enjoy the miracle of the movie stunt together.

We can learn more about the movie stunt behind *Gravity* of Baidu Encyclopedia [LINK: <http://baike.baidu.com/subview/547128/10206740.htm?fr=aladdin>]

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