

OSIRIS-REX

ASTEROID SAMPLE RETURN

The OSIRIS-REX spacecraft is shown in a dark space environment. It has a complex, boxy structure with various instruments and antennas. A large, flat rectangular panel is extended from the top. The spacecraft is illuminated from the side, highlighting its metallic surfaces and various components. In the background, a bright yellow star is visible, along with a smaller reddish-brown planet and a larger blue and white planet (Earth) on the left side of the frame.

SEPTEMBER 24, 2023

1
00:00:03,169 --> 00:00:03,870

After nearly

2
00:00:03,870 --> 00:00:08,641

two years of studying asteroid Bennu
in great detail, NASA's OSIRIS-REx mission

3
00:00:08,641 --> 00:00:13,646

made its approach to collect a sample
from the rugged surface.

4
00:00:14,881 --> 00:00:17,650

The spacecraft steered itself
down to the surface

5
00:00:17,650 --> 00:00:20,987

of the Nightingale Crater,
dodging hazards on its approach.

6
00:00:21,721 --> 00:00:24,457

It sunk deep into the surface
and collected

7
00:00:24,457 --> 00:00:28,995

an incredible amount of asteroid sample.

8
00:00:28,995 --> 00:00:32,732

OSIRIS-REx backed away from Bennu,

9
00:00:33,867 --> 00:00:36,603

and the team sealed up
the return capsule and prepared

10
00:00:36,603 --> 00:00:39,172

for the long journey to Earth.

11
00:00:41,074 --> 00:00:43,476

OSIRIS-REx
is preparing to rendezvous with Earth

12

00:00:43,777 --> 00:00:46,880

and will deliver the asteroid sample
on September 24,

13

00:00:47,013 --> 00:00:49,949

2023.

14

00:00:51,751 --> 00:00:54,120

The return capsule will land in the Utah
desert