

KENNEDY COUNTDOWN



1
00:00:07,290 --> 00:00:03,189
hi i'm nasa kennedy's marie lewis and

2
00:00:07,300 --> 00:00:11,110
[Music]

3
00:00:16,710 --> 00:00:14,549
nasa's lucy is in the sky the spacecraft

4
00:00:18,790 --> 00:00:16,720
began its historic 12-year mission to

5
00:00:21,029 --> 00:00:18,800
study the trojan asteroids the

6
00:00:24,150 --> 00:00:21,039
spacecraft lifted off atop a united

7
00:00:27,269 --> 00:00:24,160
launch alliance atlas v rocket at 5 34

8
00:00:29,509 --> 00:00:27,279
a.m on saturday october 16th from space

9
00:00:32,150 --> 00:00:29,519
launch complex 41 at cape canaveral

10
00:00:34,229 --> 00:00:32,160
space force station the launch of lucy

11
00:00:36,870 --> 00:00:34,239
was managed by nasa's launch services

12
00:00:38,790 --> 00:00:36,880
program based at kennedy space center

13
00:00:41,350 --> 00:00:38,800

lucy will explore a record-breaking

14

00:00:43,670 --> 00:00:41,360

number of asteroids flying by one in the

15

00:00:45,910 --> 00:00:43,680

solar system's main belt and then seven

16

00:00:48,470 --> 00:00:45,920

trojan asteroids becoming the first

17

00:00:51,110 --> 00:00:48,480

spacecraft to study the trojans

18

00:00:53,510 --> 00:00:51,120

lucy's complex trajectory includes three

19

00:00:56,470 --> 00:00:53,520

earth gravity assists and covers almost

20

00:00:58,630 --> 00:00:56,480

4 billion miles over 12 years

21

00:01:00,790 --> 00:00:58,640

it will become the first spacecraft to

22

00:01:02,790 --> 00:01:00,800

return to the vicinity of earth from the

23

00:01:05,109 --> 00:01:02,800

outer solar system

24

00:01:08,230 --> 00:01:05,119

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