

**What does Hubble use to
turn itself and point at a target?**



1
00:00:01,390 --> 00:00:09,910

[Music]

2
00:00:14,789 --> 00:00:12,310

hubble doesn't have any thrusters on

3
00:00:17,510 --> 00:00:14,799

board to be able to propel us in any way

4
00:00:19,029 --> 00:00:17,520

shape or form

5
00:00:21,750 --> 00:00:19,039

what we can do is we can turn our

6
00:00:23,990 --> 00:00:21,760

attitude and what we do is we have

7
00:00:26,070 --> 00:00:24,000

reaction wheels that are about two feet

8
00:00:27,750 --> 00:00:26,080

wide we've got four of them if you spin

9
00:00:29,910 --> 00:00:27,760

a reaction wheel in one way the

10
00:00:31,360 --> 00:00:29,920

telescope will rotate in the opposite

11
00:00:32,549 --> 00:00:31,370

way

12
00:00:34,790 --> 00:00:32,559

[Music]

13
00:00:36,709 --> 00:00:34,800

we're moving all over the sky looking at

14

00:00:38,630 --> 00:00:36,719

different places

15

00:00:41,430 --> 00:00:38,640

typically we will go to a target and

16

00:00:47,690 --> 00:00:41,440

stay there for probably two orbits each