



1
00:00:06,440 --> 00:00:04,160
0.2 meter radial

2
00:00:09,020 --> 00:00:06,450
this is the stable pointing angle

3
00:00:11,450 --> 00:00:09,030
of the atlas laser if we were to place a

4
00:00:13,970 --> 00:00:11,460
silver dollar 28 miles away from

5
00:00:16,400 --> 00:00:13,980
atlas the link center would remain

6
00:00:19,010 --> 00:00:16,410
focused on the coin this type of

7
00:00:21,200 --> 00:00:19,020
stability is essential for the

8
00:00:23,900 --> 00:00:21,210
satellite to measure the height of the earth

9
00:00:26,750 --> 00:00:23,910
from space to ensure the

10
00:00:28,849 --> 00:00:26,760
stability of the pointer a blas uses

11
00:00:31,339 --> 00:00:28,859
the so-called beam steering mechanism

12
00:00:33,440 --> 00:00:31,349
a motorized mirror that moves

13
00:00:36,470 --> 00:00:33,450

to compensate for thermal changes that

14

00:00:39,200 --> 00:00:36,480

occur in orbit and prevents

15

00:00:40,430 --> 00:00:39,210

atlas beams from bending when directed at