



S. Pete Worden

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1
00:00:05,360 --> 00:00:03,619
NASA researchers are one step closer to

2
00:00:06,920 --> 00:00:05,370
understanding the thin atmosphere and

3
00:00:09,739 --> 00:00:06,930
dust above the surface of the Moon

4
00:00:11,900 --> 00:00:09,749
working as a small observatory the lunar

5
00:00:14,359 --> 00:00:11,910
atmosphere and dust environment Explorer

6
00:00:16,039 --> 00:00:14,369
or ladee mission will gather detailed

7
00:00:18,200 --> 00:00:16,049
information about conditions near the

8
00:00:21,800 --> 00:00:18,210
surface and environmental influences on

9
00:00:24,169 --> 00:00:21,810
lunar dust the ladee propulsion system

10
00:00:26,810 --> 00:00:24,179
built by space systems loral in palo

11
00:00:29,599 --> 00:00:26,820
alto california is a modified version of

12
00:00:31,540 --> 00:00:29,609
the kind used in nearly 60 geostationary

13
00:00:34,670 --> 00:00:31,550

commercial satellites currently in orbit

14

00:00:38,209 --> 00:00:34,680

thanks for break up now onward to the

15

00:00:40,040 --> 00:00:38,219

moon in a brief ceremony NASA Ames

16

00:00:42,110 --> 00:00:40,050

Research Center Director Pete worden

17

00:00:43,760 --> 00:00:42,120

recently took delivery of the propulsion

18

00:00:46,459 --> 00:00:43,770

system from space systems loral

19

00:00:49,040 --> 00:00:46,469

President John Shelly well one of the

20

00:00:55,400 --> 00:00:49,050

really neat things about when a

21

00:00:58,700 --> 00:00:55,410

stewardess trying to do more using

22

00:01:01,459 --> 00:00:58,710

commercial practices commercial parks

23

00:01:03,319 --> 00:01:01,469

and commercial partners and so loo l

24

00:01:05,179 --> 00:01:03,329

took things they've been building for

25

00:01:06,920 --> 00:01:05,189

the commercial community at least a

26

00:01:09,530 --> 00:01:06,930

little smaller take us to the moon

27

00:01:21,289 --> 00:01:09,540

really happy about it the very problem

28

00:01:23,420 --> 00:01:21,299

you need my satellite laddie will orbit

29

00:01:26,090 --> 00:01:23,430

the moon at a low altitude retrograde

30

00:01:27,740 --> 00:01:26,100

equatorial orbit the most complex lunar

31

00:01:31,190 --> 00:01:27,750

flight path attempted since the Apollo

32

00:01:32,840 --> 00:01:31,200

missions if thorough understanding will

33

00:01:34,940 --> 00:01:32,850

help researchers predict how future

34

00:01:37,249 --> 00:01:34,950

Lerner exploration may shape the moon's