



Ames Research Center



1
00:00:00,000 --> 00:00:59,910
foreign

2
00:01:03,110 --> 00:01:01,910
all stations flight 30 seconds to end of

3
00:01:05,670 --> 00:01:03,120
science cal

4
00:01:09,910 --> 00:01:05,680
dhu off and

5
00:01:09,920 --> 00:01:44,550
and start of slough

6
00:01:47,749 --> 00:01:46,550
all station slight 30 seconds to end of

7
00:01:50,310 --> 00:01:47,759
science cal

8
00:01:54,550 --> 00:01:50,320
dhu off and

9
00:01:54,560 --> 00:02:47,910
and start a slew

10
00:02:52,150 --> 00:02:50,790
we just successfully uh completed our

11
00:02:54,790 --> 00:02:52,160
lunar swing by

12
00:02:56,309 --> 00:02:54,800
we operated uh all of our instruments uh

13
00:02:58,790 --> 00:02:56,319

our spectrometers and cameras for

14

00:03:01,110 --> 00:02:58,800

calibration they all perform very well

15

00:03:02,070 --> 00:03:01,120

we're very excited to dig into the data

16

00:03:05,670 --> 00:03:02,080

and

17

00:03:07,589 --> 00:03:05,680

get ready for impact

18

00:03:08,949 --> 00:03:07,599

we use the timing of those limb

19

00:03:11,670 --> 00:03:08,959

crossings observing them in the

20

00:03:13,990 --> 00:03:11,680

instruments to be sure we know exactly

21

00:03:15,270 --> 00:03:14,000

where those instruments are looking

22

00:03:17,670 --> 00:03:15,280

if we don't know where they're looking

23

00:03:19,190 --> 00:03:17,680

we can't point them at the impact when

24

00:03:21,509 --> 00:03:19,200

the impact occurs

25

00:03:23,350 --> 00:03:21,519

so that part of the lunar swing by was

26

00:03:25,990 --> 00:03:23,360

critical and we accomplished it

27

00:03:30,229 --> 00:03:26,000

flawlessly and now we'll be ready to be

28

00:03:33,830 --> 00:03:31,990

this was a huge milestone and

29

00:03:35,910 --> 00:03:33,840

accomplishment for I cross the entire

30

00:03:37,990 --> 00:03:35,920

team we've demonstrated we can build a

31

00:03:40,789 --> 00:03:38,000

spacecraft build a payload

32

00:03:43,110 --> 00:03:40,799

fly those uh that spacecraft and payload

33

00:03:45,509 --> 00:03:43,120

to the moon and take observations the

34

00:03:47,910 --> 00:03:45,519

first week is the hardest week for us