



SPACE TO GROUND

1
00:00:04,789 --> 00:00:03,030
houston station on space to ground

2
00:00:06,389 --> 00:00:04,799
welcome to space to ground your weekly

3
00:00:08,230 --> 00:00:06,399
look at what's happening on board the

4
00:00:10,230 --> 00:00:08,240
international space station i'm dan

5
00:00:12,549 --> 00:00:10,240
hewitt a brand new way to launch

6
00:00:14,870 --> 00:00:12,559
satellites is ready to go with two texas

7
00:00:15,829 --> 00:00:14,880
schools set to shoot two satellites into

8
00:00:18,070 --> 00:00:15,839
orbit

9
00:00:20,230 --> 00:00:18,080
the crew set up the cyclops satellite

10
00:00:21,670 --> 00:00:20,240
deployer which will enable larger

11
00:00:23,590 --> 00:00:21,680
satellites to be launched from the

12
00:00:25,589 --> 00:00:23,600
station than ever before

13
00:00:28,790 --> 00:00:25,599

and it will send out lone star which

14

00:00:30,870 --> 00:00:28,800

consists of aggie sat4 built by texas a

15

00:00:32,549 --> 00:00:30,880

m students and vivo ii from the

16

00:00:33,990 --> 00:00:32,559

university of texas

17

00:00:35,990 --> 00:00:34,000

lone star will demonstrate

18

00:00:38,150 --> 00:00:36,000

communications and maneuvers that could

19

00:00:40,389 --> 00:00:38,160

be vital to future nasa missions to

20

00:00:43,190 --> 00:00:40,399

destinations like asteroids that will

21

00:00:45,190 --> 00:00:43,200

require two spacecraft to interact

22

00:00:47,990 --> 00:00:45,200

and astronaut tim coper got ready to

23

00:00:49,990 --> 00:00:48,000

light a few fires for station science

24

00:00:51,750 --> 00:00:50,000

copra was hands-on this week with the

25

00:00:55,029 --> 00:00:51,760

burning and suppression of solids

26

00:00:57,430 --> 00:00:55,039

milliken or bass m experiment it's

27

00:00:59,510 --> 00:00:57,440

burning flame retardant cotton fabrics

28

00:01:01,990 --> 00:00:59,520

to see how they resist getting scorched

29

00:01:03,990 --> 00:01:02,000

in microgravity this will help future

30

00:01:06,230 --> 00:01:04,000

mission planners choose safe materials

31

00:01:08,950 --> 00:01:06,240

for use in space and could influence

32

00:01:11,590 --> 00:01:08,960

textile manufacturing here on earth

33

00:01:13,830 --> 00:01:11,600

about 100 million americans had to deal

34

00:01:15,830 --> 00:01:13,840

with a major blizzard this week and the

35

00:01:17,270 --> 00:01:15,840

station crew got a good look at just how

36

00:01:19,270 --> 00:01:17,280

massive it was

37

00:01:21,190 --> 00:01:19,280

scott kelly shared a few of the images

38

00:01:22,630 --> 00:01:21,200

he took of what some have dubbed winter

39

00:01:24,469 --> 00:01:22,640

storm jonas

40

00:01:26,469 --> 00:01:24,479

responsible for dumping more than two

41

00:01:28,870 --> 00:01:26,479

feet of snow across much of the eastern

42

00:01:30,950 --> 00:01:28,880

half of the u.s the gargantuan weather

43

00:01:33,109 --> 00:01:30,960

system provided some striking white out

44

00:01:34,950 --> 00:01:33,119

views for the international crew stay

45

00:01:36,870 --> 00:01:34,960

warm everyone

46

00:01:39,270 --> 00:01:36,880

keep sending us your questions using the