



1
00:00:30,950 --> 00:00:28,150
good morning uh marshall space flight

2
00:00:35,430 --> 00:00:30,960
center thanks for that uh great message

3
00:00:37,270 --> 00:00:35,440
and uh awesome ride to orbit and 134

4
00:00:39,350 --> 00:00:37,280
before that

5
00:00:41,910 --> 00:00:39,360
with this tremendous space shuttle

6
00:00:43,910 --> 00:00:41,920
program we really look forward to having

7
00:00:47,029 --> 00:00:43,920
a visit with you all after we finish the

8
00:00:49,029 --> 00:00:47,039
mission and thanks again

9
00:00:50,470 --> 00:00:49,039
commander chris ferguson pilot doug

10
00:00:53,110 --> 00:00:50,480
hurley at the aft flight deck of the

11
00:00:55,510 --> 00:00:53,120
orbiter ready to pick up work as they

12
00:00:57,350 --> 00:00:55,520
will maneuver the shuttle's robotic arm

13
00:00:59,270 --> 00:00:57,360

it will be extended over to the

14

00:01:01,910 --> 00:00:59,280

starboard sill to grapple the orbiter

15

00:01:04,469 --> 00:01:01,920

boom sensor system uh payload retention

16

00:01:07,030 --> 00:01:04,479

latches will be commanded open and the

17

00:01:09,510 --> 00:01:07,040

boom will be lifted out of its sill on

18

00:01:11,990 --> 00:01:09,520

the starboard side of the payload bay uh

19

00:01:14,230 --> 00:01:12,000

its cameras and lasers

20

00:01:16,789 --> 00:01:14,240

will be activated its sensors will be

21

00:01:18,630 --> 00:01:16,799

activated and calibrated for the start

22

00:01:20,469 --> 00:01:18,640

of the inspection of the leading edge of

23

00:01:25,030 --> 00:01:20,479

the starboard wing and the reinforced

24

00:01:28,070 --> 00:01:25,040

carbon carbon along the wing itself

25

00:01:29,990 --> 00:01:28,080

this survey of the leading edge of the

26

00:01:32,390 --> 00:01:30,000

starboard wing of atlantis will be

27

00:01:34,630 --> 00:01:32,400

followed by a survey of the nose cap of

28

00:01:35,910 --> 00:01:34,640

the orbiter and then the port wing of

29

00:01:37,990 --> 00:01:35,920

atlantis

30

00:01:39,749 --> 00:01:38,000

the leading edge of the reinforced

31

00:01:41,749 --> 00:01:39,759

carbon carbon along the leading edge of

32

00:01:44,630 --> 00:01:41,759

the wing to be surveyed along with other

33

00:01:47,990 --> 00:01:44,640

areas of interest all of this imagery

34

00:01:49,990 --> 00:01:48,000

being processed by laser dynamic imaging

35

00:01:53,109 --> 00:01:50,000

equipment lasers and

36

00:01:55,270 --> 00:01:53,119

3d sensors as well as intensified tv

37

00:01:57,910 --> 00:01:55,280

cameras on board the

38

00:02:03,670 --> 00:01:57,920

orbiter boom sensor system the 51 foot

39

00:02:06,950 --> 00:02:06,069

go ahead

40

00:02:08,550 --> 00:02:06,960

megan

41

00:02:10,630 --> 00:02:08,560

if you want to you guys are welcome on

42

00:02:12,150 --> 00:02:10,640

board the flight deck

43

00:02:14,309 --> 00:02:12,160

thanks very much uh we are there with

44

00:02:16,309 --> 00:02:14,319

you now you guys look great

45

00:02:17,910 --> 00:02:16,319

yeah we're all crammed into the aft part

46

00:02:19,910 --> 00:02:17,920

of the place flight deck you would think

47

00:02:22,470 --> 00:02:19,920

with just four of us we would be

48

00:02:26,070 --> 00:02:22,480

downstairs or something else but

49

00:02:26,080 --> 00:02:29,670

well that's where the view is i take it