



1
00:00:07,990 --> 00:00:05,430
that's a view from about 680 feet

2
00:00:10,629 --> 00:00:08,000
progress is essentially the same size as

3
00:00:12,789 --> 00:00:10,639
the soyuz spacecraft in which the

4
00:00:15,030 --> 00:00:12,799
two pair of three crew members arrived

5
00:00:17,189 --> 00:00:15,040
on their soyuz spacecraft the only

6
00:00:20,470 --> 00:00:17,199
difference is obviously progress does

7
00:00:22,470 --> 00:00:20,480
not require uh life support systems so

8
00:00:26,950 --> 00:00:22,480
it uh can carry a full

9
00:00:30,630 --> 00:00:26,960
um cargo this uh progress is bringing

10
00:00:33,150 --> 00:00:30,640
about 5 800 pounds worth of cargo to the

11
00:00:36,229 --> 00:00:33,160
station that includes

12
00:00:39,389 --> 00:00:36,239
764 pounds of propellant

13
00:00:42,869 --> 00:00:39,399

another 110 pounds of oxygen and air

14

00:00:45,910 --> 00:00:42,879

926 pounds of water and 3000 pounds of

15

00:00:48,229 --> 00:00:45,920

spare parts experiment hardware and

16

00:00:50,950 --> 00:00:48,239

various logistics equipment

17

00:00:53,510 --> 00:00:50,960

the total weight of the progress

18

00:00:55,350 --> 00:00:53,520

spacecraft including the hardware upon

19

00:00:58,470 --> 00:00:55,360

arrival is about

20

00:01:01,349 --> 00:00:58,480

a little more than 13 000 pounds

21

00:01:02,869 --> 00:01:01,359

station's mass currently uh

22

00:01:04,310 --> 00:01:02,879

eight hundred and ninety thousand four

23

00:01:07,590 --> 00:01:04,320

hundred pounds

24

00:01:11,270 --> 00:01:07,600

and after uh the fifty progress arrival

25

00:01:12,910 --> 00:01:11,280

station's mass will be uh recorded as

26

00:01:20,469 --> 00:01:12,920

903

27

00:01:25,350 --> 00:01:23,429

range is the same and range rate is

28

00:01:27,270 --> 00:01:25,360

minus 0.1

29

00:01:44,789 --> 00:01:27,280

and we're continuing with the maneuver

30

00:01:44,799 --> 00:02:06,469

collected

31

00:02:06,479 --> 00:02:20,390

18

32

00:02:26,630 --> 00:02:23,350

yeah

33

00:02:29,190 --> 00:02:26,640

waiting for contact copy

34

00:02:30,309 --> 00:02:29,200

inside 10 feet standing by for contact

35

00:02:32,229 --> 00:02:30,319

and capture

36

00:02:37,589 --> 00:02:32,239

we have captcha

37

00:02:41,110 --> 00:02:39,190

and this is mission control houston the

38

00:02:43,830 --> 00:02:41,120

50 progress vehicles arrived at the

39

00:02:47,589 --> 00:02:43,840

international space station uh

40

00:02:51,190 --> 00:02:47,599

official automated docking time is

41

00:02:53,030 --> 00:02:51,200

2 35 pm central time

42

00:02:56,229 --> 00:02:53,040

for those keeping track of seconds the

43

00:02:58,790 --> 00:02:56,239

report was 19 seconds so 2 35 and 19

44

00:03:01,589 --> 00:02:58,800

seconds for the arrival

45

00:03:04,470 --> 00:03:01,599

that is 5 hours and 55 minutes from

46

00:03:06,229 --> 00:03:04,480

launch to docking

47

00:03:07,990 --> 00:03:06,239

docking came

48

00:03:10,070 --> 00:03:08,000

just as the space station and the