



1  
00:00:05,030 --> 00:00:02,470  
back to neutral down

2  
00:00:11,350 --> 00:00:05,040  
two last leds are on

3  
00:00:15,270 --> 00:00:13,270  
and stations and storage

4  
00:00:17,269 --> 00:00:15,280  
failed

5  
00:00:20,150 --> 00:00:17,279  
we are going to continue without sending

6  
00:00:22,870 --> 00:00:20,160  
any commands and we don't have uh plan b

7  
00:00:25,509 --> 00:00:22,880  
or backup option

8  
00:00:27,349 --> 00:00:25,519  
and uh the progress has now begun as

9  
00:00:29,429 --> 00:00:27,359  
planned it's fly around of the

10  
00:00:32,549 --> 00:00:29,439  
international space station

11  
00:00:35,030 --> 00:00:32,559  
it is designed to align itself just a

12  
00:00:36,950 --> 00:00:35,040  
few hundred meters directly behind the

13  
00:00:39,190 --> 00:00:36,960

docking port at the piers docking

14

00:00:40,950 --> 00:00:39,200

compartment on the earth-facing side of

15

00:00:43,590 --> 00:00:40,960

the russian segment of the international

16

00:00:47,110 --> 00:00:43,600

space station

17

00:00:49,910 --> 00:00:47,120

progress resupply vehicle currently

18

00:00:51,670 --> 00:00:49,920

flying over northern algeria

19

00:01:11,270 --> 00:00:51,680

about to cross the northern coast of

20

00:01:15,990 --> 00:01:13,590

on plane four

21

00:01:20,310 --> 00:01:16,000

where we have a good visual on dc and

22

00:01:20,320 --> 00:01:27,270

copy

23

00:01:31,030 --> 00:01:29,590

a good view from cameras on the truss of

24

00:01:33,270 --> 00:01:31,040

the international space station

25

00:01:35,670 --> 00:01:33,280

capturing the unpiloted progress

26

00:01:37,910 --> 00:01:35,680

resupply ship the new progress ms or

27

00:01:38,870 --> 00:01:37,920

modified systems vehicle

28

00:01:40,710 --> 00:01:38,880

motion

29

00:01:43,590 --> 00:01:40,720

as the progress and the international

30

00:01:47,910 --> 00:01:43,600

space station fly 253 statute miles over

31

00:01:53,190 --> 00:01:49,590

and

32

00:01:56,469 --> 00:01:53,200

rate at

33

00:01:58,469 --> 00:01:56,479

zero decimal 11 meters per second

34

00:02:01,190 --> 00:01:58,479

and we copy antenna the antenna

35

00:02:02,709 --> 00:02:01,200

retraction referred to by sergey volkov

36

00:02:04,870 --> 00:02:02,719

there

37

00:02:06,950 --> 00:02:04,880

is the core's rendezvous antenna

38

00:02:07,830 --> 00:02:06,960

retracting as planned at a distance of

39

00:02:10,949 --> 00:02:07,840

about

40

00:02:13,350 --> 00:02:10,959

28 meters away from the international

41

00:02:14,550 --> 00:02:13,360

space station the approach uh continuing

42

00:02:16,309 --> 00:02:14,560

to go

43

00:02:18,470 --> 00:02:16,319

very very smoothly

44

00:02:25,670 --> 00:02:18,480

as the core's automated system is

45

00:02:29,190 --> 00:02:26,470

and

46

00:02:31,910 --> 00:02:29,200

using range ruler that's about 17 meters

47

00:02:33,030 --> 00:02:31,920

for range

48

00:02:48,869 --> 00:02:33,040

copy

49

00:02:57,430 --> 00:02:51,110

and we have updated

50

00:03:02,790 --> 00:02:59,350

15 meters

51  
00:03:04,550 --> 00:03:02,800  
and the crosshairs are aligned

52  
00:03:06,070 --> 00:03:04,560  
all as well the progress moving in

53  
00:03:08,470 --> 00:03:06,080  
toward its docking

54  
00:03:10,229 --> 00:03:08,480  
inside 15 meters now closing at a rate

55  
00:03:12,550 --> 00:03:10,239  
of about one tenth of a meter per second

56  
00:03:14,869 --> 00:03:12,560  
i have a good visual on the target but

57  
00:03:20,550 --> 00:03:14,879  
on symbol i can barely see the

58  
00:03:25,830 --> 00:03:23,350  
copy that as well sergei

59  
00:03:28,149 --> 00:03:25,840  
the center of the target now is

60  
00:03:29,830 --> 00:03:28,159  
half a square

61  
00:03:31,750 --> 00:03:29,840  
up

62  
00:03:33,670 --> 00:03:31,760  
relative to the center of waco the

63  
00:03:37,030 --> 00:03:33,680

crosshairs are aligned

64

00:03:43,750 --> 00:03:40,710

and range and range rate are nominal

65

00:03:45,910 --> 00:03:43,760

range is about seven meters now

66

00:03:48,070 --> 00:03:45,920

just seven meters between progress and

67

00:03:50,070 --> 00:03:48,080

its docking port

68

00:03:51,589 --> 00:03:50,080

everything going very smoothly

69

00:03:53,670 --> 00:03:51,599

crosshairs are aligned the core's

70

00:03:55,990 --> 00:03:53,680

automated rendezvous system uh bringing

71

00:03:57,509 --> 00:03:56,000

the progress in for its docking just

72

00:03:59,350 --> 00:03:57,519

moments from now

73

00:04:01,589 --> 00:03:59,360

about half a degree

74

00:04:04,630 --> 00:04:01,599

to the right

75

00:04:06,149 --> 00:04:04,640

of the center of waco

76

00:04:08,550 --> 00:04:06,159

range

77

00:04:12,070 --> 00:04:08,560

is about five meters

78

00:04:16,310 --> 00:04:14,309

less than five meters to go as we stand

79

00:04:18,789 --> 00:04:16,320

by for contact and capture

80

00:04:21,830 --> 00:04:18,799

with the international space station i'm

81

00:04:23,110 --> 00:04:21,840

starting to see crosshairs uh on symbol

82

00:04:24,950 --> 00:04:23,120

again

83

00:04:25,749 --> 00:04:24,960

and it's practically at the center of a

84

00:04:47,590 --> 00:04:25,759

co

85

00:04:49,510 --> 00:04:47,600

at 4 27 a.m central time 5 27 a.m

86

00:04:52,070 --> 00:04:49,520

eastern time

87

00:04:54,629 --> 00:04:52,080

as the progress 62 cargo craft and the