

Ф44 СБЛИЖЕНИЕ | T=11:59:33

ЗАПР СБ КУРС 1 | ОСК ГСО 12

Б1 ЗАП АС А 3 ЗК ОХ 0,000%

ДУС12 1 УТ 0,15 ОУ 0,044%

Р 10,0 ФИЛЬТР ОZ 0,035%

СВ.00000 РАЗВОРОТ КУРС 1

Г 0,00°

Щ 0,00°

9 0,00°

0~ 0,00°

9~ 0,00°

Р 0,000

Р̇ 0,00

Р 0,000КН ΩУ 0,000 0,000

Р̇ 0,00Н/С ΩZ 0,000 0,000

ИН:ЗАПРЕТ ИКВ

1
00:00:03,750 --> 00:00:01,670

here we're all here

2
00:00:05,829 --> 00:00:03,760

and now receiving reports that uh the

3
00:00:07,349 --> 00:00:05,839

core's n a automated rendezvous system

4
00:00:09,110 --> 00:00:07,359

which is the purpose of this two-day

5
00:00:11,830 --> 00:00:09,120

free flight of the progress away from

6
00:00:14,150 --> 00:00:11,840

the station to test its uh capabilities

7
00:00:17,029 --> 00:00:14,160

uh for future integration into progress

8
00:00:18,870 --> 00:00:17,039

uh vehicles being prepared for future

9
00:00:21,269 --> 00:00:18,880

missions to the international space

10
00:00:22,790 --> 00:00:21,279

station that system is now powered up

11
00:00:25,269 --> 00:00:22,800

and the command has been given with the

12
00:00:26,310 --> 00:00:25,279

hooks now opening that have held the

13
00:00:28,230 --> 00:00:26,320

progress

14

00:00:30,310 --> 00:00:28,240

in place at the international space

15

00:00:32,630 --> 00:00:30,320

station we are expecting physical

16

00:00:44,790 --> 00:00:32,640

separation between the progress and the

17

00:00:49,190 --> 00:00:46,790

and right on time we have physical

18

00:00:51,750 --> 00:00:49,200

separation as the progress has undocked

19

00:01:01,590 --> 00:00:51,760

from the international space station at

20

00:01:06,149 --> 00:01:04,229

the undocking occurring 260 statute

21

00:01:09,350 --> 00:01:06,159

miles over kyrgyzstan

22

00:01:11,990 --> 00:01:09,360

right on time at 3 58 and 30 seconds am

23

00:01:13,910 --> 00:01:12,000

central time the progress now slowly

24

00:01:23,429 --> 00:01:13,920

backing away from the aft port of the

25

00:01:29,749 --> 00:01:25,350

you can see in the lower left hand

26

00:01:34,149 --> 00:01:31,270

two other russian vehicles in the

27

00:01:36,630 --> 00:01:34,159

foreground that is the progress 55

28

00:01:38,870 --> 00:01:36,640

resupply craft

29

00:01:41,670 --> 00:01:38,880

that arrived at the international space

30

00:01:45,830 --> 00:01:41,680

station less than two weeks ago

31

00:01:50,550 --> 00:01:48,389

docked to the rassvet module of the

32

00:01:54,870 --> 00:01:50,560

international space station

33

00:01:57,109 --> 00:01:54,880

is the soyuz tma11m spacecraft

34

00:01:58,709 --> 00:01:57,119

that will be returning to earth

35

00:02:00,469 --> 00:01:58,719

in about

36

00:02:02,709 --> 00:02:00,479

three weeks less than three weeks from

37

00:02:05,429 --> 00:02:02,719

now to carry mikhail turin rick

38

00:02:13,910 --> 00:02:05,439

mastracchio and koichi wakata home after

39

00:02:18,229 --> 00:02:15,350

we're about a minute and a half away

40

00:02:20,070 --> 00:02:18,239

from the firing of the progress

41

00:02:23,030 --> 00:02:20,080

thrusters

42

00:02:25,670 --> 00:02:23,040

in the first separation burn

43

00:02:28,949 --> 00:02:25,680

this will be a 15 second burn

44

00:02:31,110 --> 00:02:28,959

of two of the thrusters on the 53

45

00:02:32,630 --> 00:02:31,120

progress vehicle

46

00:02:35,190 --> 00:02:32,640

this will be followed by about a one

47

00:02:37,110 --> 00:02:35,200

meter per second retrograde burn about

48

00:02:40,630 --> 00:02:37,120

two orbits from now to increase the

49

00:02:43,509 --> 00:02:40,640

separation rate again 53 progress will

50

00:02:45,830 --> 00:02:43,519

phase to a distance of about 300 miles

51
00:02:48,309 --> 00:02:45,840
in front of the space station

52
00:02:50,869 --> 00:02:48,319
then perform two additional burns to

53
00:02:52,390 --> 00:02:50,879
move above the station to a distance of

54
00:02:53,509 --> 00:02:52,400
some two and a half miles above the

55
00:02:55,270 --> 00:02:53,519
complex

56
00:02:57,030 --> 00:02:55,280
orbital mechanics will take hold and

57
00:02:59,110 --> 00:02:57,040
phase the progress back behind the

58
00:03:02,710 --> 00:02:59,120
station for the initiation of its

59
00:03:09,509 --> 00:03:06,710
progress to return to the complex