
Ф44 СБЛИЖЕНИЕ
Т=17:00:25
ЗАПР СБ
ОСК ГСО 12
Б1
R 2 3
ωx-0,009%
ДУС12 1
Vт 0,00
ωy 0,009%
Р 10,0
ФИЛЬТР
ωz-0,061%
С0.00000
РАЗВОРОТ
КУРС
γ 0,00°
ψ 0,00°
ϑ 0,00°
ψ~ 0,00°
ϑ~ 0,00°
ρ 0,000
ρ̇ 0,00
ρ 0,000кн
Ωy 0,000
0,000
ρ̇ 0,00н/с
Ωz 0,000
0,000
ИИ:ЗАПРЕТ ИКВ

1
00:00:14,070 --> 00:00:10,390
the international space station now

2
00:00:16,950 --> 00:00:14,080
flying 260 statute miles over northern

3
00:00:19,029 --> 00:00:16,960
mongolia

4
00:00:21,670 --> 00:00:19,039
and the progress hooks are now driving

5
00:00:23,189 --> 00:00:21,680
open right on command

6
00:00:26,230 --> 00:00:23,199
we'll be standing by for physical

7
00:00:28,150 --> 00:00:26,240
separation of the progress vehicle that

8
00:00:29,589 --> 00:00:28,160
is located on the right side of your

9
00:00:34,470 --> 00:00:29,599
screen as the international space

10
00:00:38,549 --> 00:00:36,310
this view now from an external

11
00:00:40,150 --> 00:00:38,559
television camera on the progress

12
00:00:43,030 --> 00:00:40,160
vehicle you're looking at the docking

13
00:00:44,389 --> 00:00:43,040

target on the piers docking compartment

14
00:00:45,990 --> 00:00:44,399
which was first launched to the

15
00:01:30,069 --> 00:00:46,000
international space station back in

16
00:01:34,149 --> 00:01:32,230
standing by for physical separation of

17
00:01:35,429 --> 00:01:34,159
the two vehicles and undocking now

18
00:01:39,429 --> 00:01:35,439
confirmed

19
00:01:42,469 --> 00:01:39,439
right on time at 8 58 and 30 seconds am

20
00:01:49,109 --> 00:01:42,479
central time 9 58 and 30 seconds am

21
00:01:52,469 --> 00:01:50,870
slowly backing away

22
00:01:54,630 --> 00:01:52,479
at a rate of about a tenth of a meter

23
00:01:56,950 --> 00:01:54,640
per second

24
00:01:59,590 --> 00:01:56,960
this drift rate will continue for the

25
00:02:01,670 --> 00:01:59,600
next three minutes until a separation

26
00:02:05,030 --> 00:02:01,680
burn of 15 seconds in duration is

27
00:02:08,710 --> 00:02:05,040
automatically commanded to increase the

28
00:02:11,589 --> 00:02:08,720
departure rate by the progress 54.

29
00:02:13,270 --> 00:02:11,599
by the end of the day it will wind up

30
00:02:15,030 --> 00:02:13,280
a safe distance away from the

31
00:02:16,869 --> 00:02:15,040
international space station where

32
00:02:19,030 --> 00:02:16,879
russian flight controllers will initiate

33
00:02:20,150 --> 00:02:19,040
about a week and a half's worth of

34
00:02:22,309 --> 00:02:20,160
thruster

35
00:02:25,270 --> 00:02:22,319
burn characterizations using ground

36
00:02:27,589 --> 00:02:25,280
radar equipment in an engineering test

37
00:02:44,869 --> 00:02:27,599
before the progress is disposed of and

38
00:02:48,070 --> 00:02:45,910

here in the

39
00:02:50,229 --> 00:02:48,080
flight control room the visiting vehicle

40
00:02:52,869 --> 00:02:50,239
officer richard parker reports to flight

41
00:02:55,190 --> 00:02:52,879
director emily nelson that the progress

42
00:02:57,830 --> 00:02:55,200
regained its uh orientation control

43
00:02:59,830 --> 00:02:57,840
right on schedule as it backed away from

44
00:03:02,229 --> 00:02:59,840
the international space station so far

45
00:03:03,910 --> 00:03:02,239
so good as the progress departs the

46
00:03:22,070 --> 00:03:03,920
international outpost that had been its

47
00:03:28,070 --> 00:03:24,470
once again the undocking occurring at 8

48
00:03:29,990 --> 00:03:28,080
58 and 30 seconds am central time as the

49
00:03:33,110 --> 00:03:30,000
international space station

50
00:03:36,390 --> 00:03:33,120
and the progress 54 resupply craft

51
00:04:14,949 --> 00:03:36,400
now loaded with trash flew 260 statute

52
00:04:20,229 --> 00:04:17,670
this cross-haired engineering view of

53
00:04:22,150 --> 00:04:20,239
very familiar to viewers of russian

54
00:04:45,830 --> 00:04:22,160
operations at the international space

55
00:04:51,110 --> 00:04:47,830
and right on schedule the progress

56
00:04:52,230 --> 00:04:51,120
thrusters are now firing 15 second

57
00:04:53,189 --> 00:04:52,240
automated

58
00:04:56,310 --> 00:04:53,199
burn

59
00:04:58,150 --> 00:04:56,320
to increase the separation rate between

60
00:05:06,710 --> 00:04:58,160
itself and the international space

61
00:05:06,720 --> 00:05:14,230
moscow station on sg1 go ahead

62
00:05:17,670 --> 00:05:15,510
the

63
00:05:18,870 --> 00:05:17,680

docking mechanism has been inspected no

64
00:05:21,510 --> 00:05:18,880
issues

65
00:05:29,909 --> 00:05:21,520
we have taken photo imagery and placed

66
00:05:37,350 --> 00:05:34,150
i am prepared to proceed

67
00:05:38,710 --> 00:05:37,360
with closing the hatch on your gun

68
00:05:46,310 --> 00:05:38,720
by

69
00:05:50,390 --> 00:05:48,870
russian cosmonaut mikhail tirin talking

70
00:05:52,870 --> 00:05:50,400
to flight controllers at the russian

71
00:05:55,430 --> 00:05:52,880
mission control center in karayoff

72
00:05:57,430 --> 00:05:55,440
as the iss progress 54

73
00:05:59,110 --> 00:05:57,440
quickly departs the neighborhood of the

74
00:06:00,870 --> 00:05:59,120
international space station turin

75
00:06:02,790 --> 00:06:00,880
reporting that

76
00:06:05,670 --> 00:06:02,800
camera views

77
00:06:08,550 --> 00:06:05,680
that he was monitoring in the zvezda

78
00:06:10,950 --> 00:06:08,560
service module indicated a clean piers

79
00:06:13,110 --> 00:06:10,960
docking port which is good news since

80
00:06:16,950 --> 00:06:13,120
that will be the port of call for the

81
00:06:18,469 --> 00:06:16,960
iss progress 55 resupply ship upon its

82
00:07:40,550 --> 00:06:18,479
arrival at the international space

83
00:07:40,560 --> 00:07:53,670
go ahead

84
00:07:53,680 --> 00:08:07,909
we have another request

85
00:08:12,790 --> 00:08:09,670
this is mission control houston uh just

86
00:08:15,110 --> 00:08:12,800
to recap the iss progress 54 is on its

87
00:08:16,469 --> 00:08:15,120
way having uh undocked from the

88
00:08:19,830 --> 00:08:16,479

international space station a few

89
00:08:23,110 --> 00:08:19,840
minutes ago at 8 58 and 30 seconds am

90
00:08:25,990 --> 00:08:23,120
central time 9 58 and 30 seconds am

91
00:08:28,869 --> 00:08:26,000
eastern time as the international space