



1

00:00:00,030 --> 00:00:05,910

Launch command has been issued.

Second umbilical tower separated. Booster

2

00:00:05,910 --> 00:00:18,090

ignition and liftoff. We have liftoff of

Nick Hague, Christina Koch and Alexey

3

00:00:18,090 --> 00:00:23,060

Ovchinin, now on their way to the

International Space Station.

4

00:00:28,320 --> 00:00:32,110

Good first stage performance so far. The

Soyuz delivering nine hundred thirty

5

00:00:32,110 --> 00:00:35,530

thousand pounds of thrust from its four

boosters in single-engine. The first

6

00:00:35,530 --> 00:00:39,970

stage of the Soyuz measures 68 feet in

length 24 feet in diameter.

7

00:00:39,970 --> 00:00:44,940

Burning little fuel for the first two

minutes six seconds of the flight.

8

00:00:45,960 --> 00:00:47,960

(Simultaneous Russian-English translator)

9

00:00:51,720 --> 00:00:59,660

40 seconds. The vehicle is stable. Copy all. This is one. Everything is nominal

10

00:00:59,660 --> 00:01:03,620

on board. The crew is feeling

very well.

11

00:01:08,560 --> 00:01:10,740

One minute into the flight

12

00:01:10,740 --> 00:01:14,560

everything looking good so far.

The vehicle itself is now traveling at

13

00:01:14,560 --> 00:01:18,740

more than a thousand miles per hour.

14

00:01:19,020 --> 00:01:22,840

Everything is nominal on board. The crew is feeling well.

15

00:01:27,300 --> 00:01:30,619

As we lose sight of the vehicle, transitioning to an animation. Everything looking good

16

00:01:30,620 --> 00:01:33,530

so far. This first stage with the four strap-on boosters

17

00:01:33,530 --> 00:01:39,400

will continue to burn until one

minute 58 seconds. 80 seconds everything

18

00:01:39,400 --> 00:01:44,620

is nominal. Copy all. The crew is feeling

great. Everything's nominal on board.

19

00:01:52,500 --> 00:01:57,580

Good reports to the crew. About 10 more

seconds of this first stage. Thermal

20

00:01:57,580 --> 00:02:01,899

control system parameters are nominal.

Copy all. Everything is nominal onboard

21

00:02:01,899 --> 00:02:07,740

The crew is feeling well.

Good call that the escape tower has been

22

00:02:07,740 --> 00:02:16,230

jettisoned on time. The four booster separations have been confirmed that

23

00:02:16,230 --> 00:02:24,780

core stage continuing on as the second stage. The launch shroud will be

24

00:02:24,780 --> 00:02:31,290

jettisoned at 2 minutes 37 seconds into the flight. The crew is feeling great.

25

00:02:31,290 --> 00:02:36,570

Soyuz vehicle traveling well over 3,000 miles per hour. 140 seconds. The launch vehicle parameters are

26

00:02:36,570 --> 00:02:41,560

nominal. Copy all. Everything is nominal onboard.

27

00:02:53,400 --> 00:02:58,180

Good core stage performance. The launch shroud has been jettisoned. The rocket is

28

00:02:58,190 --> 00:03:06,340

now at forty eight miles high. Control descent display has been activated

29

00:03:06,340 --> 00:03:18,260

eliminated. Copy all. 180 seconds. The vehicle is stable. Good reports so far