



1
00:00:15,430 --> 00:00:10,070
should be uh at flight speed

2
00:00:19,710 --> 00:00:18,150
thrust launch have liftoff of the soyuz

3
00:00:22,950 --> 00:00:19,720
rocket with

4
00:00:24,550 --> 00:00:22,960
tma-15m three new crew members

5
00:00:26,790 --> 00:00:24,560
headed to the international space

6
00:00:29,029 --> 00:00:26,800
station anton shkaplerov samantha

7
00:00:31,669 --> 00:00:29,039
christopher reddy and terry verts on

8
00:00:52,389 --> 00:00:31,679
their way to a six-month voyage aboard

9
00:00:56,470 --> 00:00:54,069
everything stable good first stage

10
00:00:59,349 --> 00:00:56,480
performance so far the soyuz delivering

11
00:01:01,910 --> 00:00:59,359
930 000 pounds of thrust from its four

12
00:01:04,630 --> 00:01:01,920
boosters and single engine the first

13
00:01:07,270 --> 00:01:04,640

stage of the soyuz measures 68 feet in

14

00:01:09,590 --> 00:01:07,280

length 24 feet in diameter it's burning

15

00:01:21,830 --> 00:01:09,600

liquid fuel for the first two minutes

16

00:01:27,590 --> 00:01:23,590

one minute 10 seconds into flight

17

00:01:29,910 --> 00:01:27,600

traveling about 1100 miles per hour