



WEDNESDAY, DECEMBER 19 ON NASA TV



Expedition 34 Soyuz TMA-07M Launch

6:12am CT / 7:12am ET

1
00:00:04,670 --> 00:00:02,869
good morning and welcome to Mission

2
00:00:07,130 --> 00:00:04,680
Control Houston in the International

3
00:00:08,660 --> 00:00:07,140
Space Station update on board the space

4
00:00:11,180 --> 00:00:08,670
station the three members of expedition

5
00:00:12,890 --> 00:00:11,190
34 are more than halfway through their

6
00:00:15,259 --> 00:00:12,900
day which began at one a.m. central time

7
00:00:17,600 --> 00:00:15,269
this morning commander Kevin Ford of

8
00:00:19,700 --> 00:00:17,610
NASA and Russian funded nears Oleg

9
00:00:21,529 --> 00:00:19,710
novitskiy and Evgeny tarelkin are all

10
00:00:23,870 --> 00:00:21,539
onboard the station this time they've

11
00:00:26,599 --> 00:00:23,880
been there since October 25th when their

12
00:00:29,480 --> 00:00:26,609
soyuz tma-06m vehicle docked to the

13
00:00:31,279 --> 00:00:29,490

russian poisk module ford novitskiy and

14

00:00:32,870 --> 00:00:31,289

tarelkin have been alone at the station

15

00:00:34,370 --> 00:00:32,880

since half of their crew returned to

16

00:00:36,590 --> 00:00:34,380

earth last month but that won't be the

17

00:00:38,120 --> 00:00:36,600

case for much longer one week from today

18

00:00:40,819 --> 00:00:38,130

they'll be joined by the remainder of

19

00:00:43,549 --> 00:00:40,829

expedition 34 crew Chris Hadfield of the

20

00:00:47,090 --> 00:00:43,559

Canadian Space Agency Tom Marshburn of

21

00:00:49,160 --> 00:00:47,100

NASA and Roman Romanenko of Russia had

22

00:00:50,569 --> 00:00:49,170

filled Marshburn and romanenko are

23

00:00:53,840 --> 00:00:50,579

scheduled to launch on December

24

00:00:55,639 --> 00:00:53,850

nineteenth at 612 a.m. central time from

25

00:00:57,830 --> 00:00:55,649

the Baikonur cosmodrome in Kazakhstan

26
00:00:59,959 --> 00:00:57,840
and they're already there in Kazakhstan

27
00:01:02,150 --> 00:00:59,969
awaiting their departure in fact their

28
00:01:03,799 --> 00:01:02,160
soyuz tma oh 7 m spacecraft was

29
00:01:06,440 --> 00:01:03,809
encapsulated in the upper stage of the

30
00:01:08,569 --> 00:01:06,450
soyuz boost ridges today in the meantime

31
00:01:10,760 --> 00:01:08,579
ford Tarakan and Nowitzki are staying

32
00:01:11,989 --> 00:01:10,770
busy while they wait for had worked with

33
00:01:13,340 --> 00:01:11,999
a couple of different experiments today

34
00:01:15,769 --> 00:01:13,350
starting with the combustion integrated

35
00:01:18,529 --> 00:01:15,779
rack which holds the fluids and

36
00:01:20,300 --> 00:01:18,539
combustion facility Ford was replacing

37
00:01:22,899 --> 00:01:20,310
the multi-user droplet combustion

38
00:01:25,429 --> 00:01:22,909

apparatus and preparation for upcoming

39

00:01:26,809 --> 00:01:25,439

experiment work and now he'll be

40

00:01:28,849 --> 00:01:26,819

spending most of his afternoon working

41

00:01:30,589 --> 00:01:28,859

with the spheres experiment which today

42

00:01:33,050 --> 00:01:30,599

is going to involve using the spheres

43

00:01:35,659 --> 00:01:33,060

satellites controlled by a smartphone to

44

00:01:37,639 --> 00:01:35,669

carry out simulated surveys of the

45

00:01:39,260 --> 00:01:37,649

inside of the space station on the

46

00:01:41,120 --> 00:01:39,270

Russian side of the station novitskiy

47

00:01:43,550 --> 00:01:41,130

and tarelkin are working on their own

48

00:01:45,919 --> 00:01:43,560

experiments one of which looks at human

49

00:01:49,039 --> 00:01:45,929

adaptation to life and macro micro

50

00:01:51,979 --> 00:01:49,049

gravity and another that studies leak

51

00:01:53,330 --> 00:01:51,989

detection methods in space and so what's