



**INSIDE
▶▶ KSC!**

1
00:00:06,820 --> 00:00:02,510
hey I'm not the Kennedy Kimber taste and

2
00:00:11,589 --> 00:00:08,960
the Gravity Recovery and climate

3
00:00:13,820 --> 00:00:11,599
experiment follow-on or grace fo

4
00:00:16,490 --> 00:00:13,830
successfully launched aboard a SpaceX

5
00:00:18,519 --> 00:00:16,500
Falcon 9 rocket Tuesday afternoon from

6
00:00:21,050 --> 00:00:18,529
Vandenberg Air Force Base in California

7
00:00:23,509 --> 00:00:21,060
the mission will improve weather models

8
00:00:25,160 --> 00:00:23,519
and forecasts droughts and floods by

9
00:00:28,279 --> 00:00:25,170
tracking the movement of water around

10
00:00:31,040 --> 00:00:28,289
earth grace fo is a partnership between

11
00:00:33,650 --> 00:00:31,050
NASA and the German Research Center for

12
00:00:35,000 --> 00:00:33,660
geosciences Kennedy Space Center

13
00:00:37,520 --> 00:00:35,010

employees from NASA's launch services

14

00:00:39,799 --> 00:00:37,530

program served as advisors for the

15

00:00:43,310 --> 00:00:39,809

mission which is planned to fly at least

16

00:00:45,619 --> 00:00:43,320

five years preparations continue for the

17

00:00:48,889 --> 00:00:45,629

upcoming launch of NASA's ionospheric

18

00:00:51,160 --> 00:00:48,899

connection Explorer or icon from the

19

00:00:53,660 --> 00:00:51,170

Kwajalein Atoll in the Marshall Islands

20

00:00:55,670 --> 00:00:53,670

the spacecraft recently arrived at

21

00:00:58,010 --> 00:00:55,680

Vandenberg Air Force Base where it was

22

00:01:00,799 --> 00:00:58,020

uncreated and mated to a Pegasus XL

23

00:01:03,529 --> 00:01:00,809

rocket scheduled to launch on June 14th

24

00:01:05,870 --> 00:01:03,539

Ikon will study a complicated region of

25

00:01:08,300 --> 00:01:05,880

near-earth space called the ionosphere

26

00:01:10,780 --> 00:01:08,310

this is the area through which radio

27

00:01:13,340 --> 00:01:10,790

communications and GPS signals travel

28

00:01:15,530 --> 00:01:13,350

icons findings will help reduce the

29

00:01:19,580 --> 00:01:15,540

effects of the space environment on our

30

00:01:22,310 --> 00:01:19,590

technology and communications systems

31

00:01:24,600 --> 00:01:22,320

and remember spaceport magazine digs