



1  
00:00:00,480 --> 00:00:02,340  
Hi, I'm NASA Kennedy's Dustin Commack.

2  
00:00:02,340 --> 00:00:07,660  
And I'm here to take you Inside KSC.

3  
00:00:07,660 --> 00:00:11,730  
Kennedy Space Center opened new doors to discovery  
in 2016, and bid farewell to one

4  
00:00:11,730 --> 00:00:15,650  
of the explorers who made the spaceport an  
iconic location for the future.

5  
00:00:15,650 --> 00:00:20,509  
NASA's Journey to Mars got a boost in 2016  
as Kennedy continued preparations to

6  
00:00:20,509 --> 00:00:24,789  
process and launch the Space Launch System  
rocket and Orion spacecraft on their first

7  
00:00:24,789 --> 00:00:27,539  
flight test in 2018.

8  
00:00:27,539 --> 00:00:31,529  
All the platforms for the rocket are on Kennedy  
property now, for example, and the

9  
00:00:31,529 --> 00:00:35,670  
Orion spacecraft is coming together inside  
the Operations and Checkout Building.

10  
00:00:35,670 --> 00:00:39,430  
Charlie Blackwell-Thompson was named the launch  
director for the Orion-SLS missions

11  
00:00:39,430 --> 00:00:42,210  
in 2016.

12  
00:00:42,210 --> 00:00:46,030  
Kennedy scientists who worked on the Veggie project saw the first flower bloom in orbit

13  
00:00:46,030 --> 00:00:50,559  
when astronauts on the International Space Station shared photos of zinnias blossom.

14  
00:00:50,559 --> 00:00:54,940  
By the end of the year, astronauts were growing their third lettuce crop on the station.

15  
00:00:54,940 --> 00:00:58,309  
The space station was the focus of much of the work performed at Kennedy, including

16  
00:00:58,309 --> 00:01:02,890  
cargo resupply flights that delivered tons of materials to the crews in orbit.

17  
00:01:02,890 --> 00:01:08,480  
Two SpaceX Dragons and one Orbital ATK Cygnus spacecraft lifted off from Kennedy in

18  
00:01:08,480 --> 00:01:12,480  
2016 to carry supplies to the orbiting laboratory.

19  
00:01:12,480 --> 00:01:16,220  
Boeing and SpaceX, continued adapting their launch facilities on Florida's Space Coast

20  
00:01:16,220 --> 00:01:20,430  
and building spacecraft to launch astronauts to the International Space Station aboard

21  
00:01:20,430 --> 00:01:24,470  
privately owned spacecraft for NASA's Commercial Crew Program.

22  
00:01:24,470 --> 00:01:28,170  
Kennedy continued to reach out into the solar system without losing sight of changes on

23  
00:01:28,170 --> 00:01:30,720  
Earth in 2016.

24  
00:01:30,720 --> 00:01:34,630  
September saw the launch of OSIRIS-REx, a spacecraft that will pull a sample from an

25  
00:01:34,630 --> 00:01:37,370  
asteroid and return it to Earth for study.

26  
00:01:37,370 --> 00:01:42,020  
A pair of launches at the end of the year delivered first the GOES-R spacecraft to orbit

27  
00:01:42,020 --> 00:01:46,280  
for NOAA, and then the CYGNSS constellation of microsattellites that will observe

28  
00:01:46,280 --> 00:01:49,530  
hurricanes in unprecedented detail.

29  
00:01:49,530 --> 00:01:53,780  
The Kennedy and NASA communities also said goodbye in 2016 to an icon of the

30  
00:01:53,780 --> 00:01:57,350  
Space Age when John Glenn died on December 8.

31  
00:01:57,350 --> 00:02:02,350  
One of NASA's original seven astronauts, Glenn orbited the Earth in 1962 a first for an

32  
00:02:02,350 --> 00:02:05,700  
American before taking on a career in politics.

33

00:02:05,700 --> 00:02:08,190

At age 77, he flew into space again,

34

00:02:08,190 --> 00:02:13,299

this time aboard space shuttle Discovery for  
the STS-95 mission.

35

00:02:13,299 --> 00:02:17,280

As Kennedy moves forward into a new dawn of  
achievement, many of its successes will

36

00:02:17,280 --> 00:02:22,730

trace their origins back to the hard work  
completed this past year.