



1  
00:00:00,000 --> 00:00:08,340

\h Music.

2  
00:00:08,340 --> 00:00:12,740

\h Thanks to space shuttle Endeavour and the STS-130 astronaut crew,

3  
00:00:12,740 --> 00:00:17,740

\h residents of the International Space Station now have a view of home like never before.

4  
00:00:17,740 --> 00:00:23,040

\h Endeavour delivered the Italian-built Tranquility node -- and a large bay window,

5  
00:00:23,040 --> 00:00:29,610

\h the cupola -- adding 2,600 cubic feet and a magnificent panorama of the Earth below.

6  
00:00:29,610 --> 00:00:33,230

\h Allard Beutel/STS-130 Launch

Commentator: Nine... eight... seven... six...

7  
00:00:33,230 --> 00:00:38,990

\h five... we have full main engine start... two... one... zero...

8  
00:00:38,990 --> 00:00:43,490

\h booster ignition.... and liftoff of shuttle Endeavour with NASA's final space station crew

9  
00:00:43,490 --> 00:00:50,160

\h compartment to bring the bay window view to our celestial backyard.

10  
00:00:50,160 --> 00:00:55,040

\h Like a rising sun, Endeavour's spectacular  
February 8 launch cut through the early

11  
00:00:55,040 --> 00:00:59,350

\h morning darkness and bathed Central Florida in light.

12  
00:00:59,350 --> 00:01:03,420

\h The shuttle and its crew of six astronauts rocketed away from Kennedy Space Center's

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00:01:03,420 --> 00:01:11,420

\h Launch Pad 39A at 4:14 a.m. Eastern time, beginning a two-day chase of the space station.

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00:01:11,420 --> 00:01:17,470

\h On board were Commander George Zamka, Pilot Terry Virts, and Mission Specialists Nicholas Patrick,

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00:01:17,470 --> 00:01:21,010

\h Bob Behnken, Steve Roberson and Kay Hire.

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00:01:21,010 --> 00:01:26,310

\h The astronauts spent their first full day in orbit inspecting Endeavour's thermal protection system,

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00:01:26,310 --> 00:01:28,900

\h to make sure it was ready for docking.

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00:01:28,900 --> 00:01:35,160

\h Once Endeavour caught up with the station, Zamka guided the orbiter through a nine-minute backflip...

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00:01:35,160 --> 00:01:41,960

\h then connected the two spacecraft as they sailed 215 miles above Earth's surface off the western coast

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00:01:41,960 --> 00:01:52,310

\h Crew members: Hey, T.J. How you doing? Good to see you. Pretty good.

21

00:01:52,310 --> 00:01:58,520

\h The arriving STS-130 crew joined the five Expedition 22 crew members to take on the mission's

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00:01:58,520 --> 00:02:02,990

\h main objectives -- installing Tranquility and the cupola.

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00:02:02,990 --> 00:02:09,500

\h First, Hire and Virts used the station's robotic arm -- Canadarm2 -- to move Tranquility from Endeavour's

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00:02:09,500 --> 00:02:14,700

\h payload bay to its new home on the left side of the station's Unity node.

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00:02:14,700 --> 00:02:21,070

\h Then, Behnken and Patrick ventured outside the complex to hook up power and utilities.

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00:02:21,070 --> 00:02:25,620

\h The astronauts spent several days setting up shop inside the new crew compartment.

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00:02:25,620 --> 00:02:33,040

\h And Behnken and Patrick connected coolant lines and added hand rails outside during the mission's se

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00:02:33,040 --> 00:02:40,120

\h With Tranquility in place, it was time to move the cupola to its permanent home and open the windows.

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00:02:40,120 --> 00:02:45,030

\h Behnken and Patrick went outside once more, this time to remove insulation and bolts that

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00:02:45,030 --> 00:02:48,450

\h had held the cupola's shutters in place during launch.

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00:02:48,450 --> 00:02:54,880

\h Finally, Virts opened the cupola's seven windows for the first time -- and let the Earth shine in.

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00:02:54,880 --> 00:03:00,520

\h Crew members: 360 degrees. It's amazing.

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00:03:00,520 --> 00:03:05,520

\h The astronauts completed several other tasks during the mission -- moving Pressurized Mating

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00:03:05,520 --> 00:03:11,500

\h Adapter 3 and the Dextre robotic arm to new locations, boosting the station's altitude,

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00:03:11,500 --> 00:03:15,920

\h and delivering a variety of supplies, equipment and experiments.

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00:03:15,920 --> 00:03:20,410

\h The crew spent an extra day in orbit putting the finishing touches on Tranquility --

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00:03:20,410 --> 00:03:26,120

\h and taking a phone call from President Barack Obama, and his guests, a dozen middle-school students

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00:03:26,120 --> 00:03:28,140

\h President Barack Obama: Well, it's great to talk to you guys.

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00:03:28,140 --> 00:03:37,250

\h I wanted to first of all just say that we've got a bunch of very excited young people here with us.

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00:03:37,250 --> 00:03:41,920

\h Endeavour undocked from the International Space Station after nearly 10 days together,

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00:03:41,920 --> 00:03:46,910

\h and the STS-130 crew turned its attention to the trip home.

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00:03:46,910 --> 00:03:52,580

\h Endeavour and crew glided to a perfect landing February 21 on Kennedy's Runway 15,

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00:03:52,580 --> 00:03:57,880

\h touching down on the first opportunity and wrapping up a 5.7-million-mile,

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00:03:57,880 --> 00:04:03,130

\h 14-day mission to give the station -- and its residents -- a new room with a view.

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00:04:03,130 --> 00:04:06,590

\h George Zamka/STS-130 Commander: Houston, Endeavour. Wheelstop.