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00:00:00,570 --> 00:00:06,520

Boeing's CST-100 spacecraft was put through a series of wind tunnel tests recently as

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work continues on the design. The spacecraft is being finalized for manufacturing ahead

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of flight tests and eventual operational missions to carry astronauts to

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00:00:16,900 --> 00:00:19,640

the International Space Station.

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The work was conducted at NASA's Langley Research Center in Hampton, Virginia, in the Transonic

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Dynamics Tunnel, a unique facility that can analyze the aerodynamic stability of a design.

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It took about two weeks to complete the in-depth evaluation. During the assessment, the model

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was exposed numerous angles. These simulated the forces the capsule might experience in

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a scenario if it had to separate from its booster and fly on its own before deploying

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its parachute and landing safely.

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The results of the test still are being compiled
but preliminary results showed the CST-100

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behaved much as computer models predicted.
Boeing will use the data to develop a thorough