Boeing Tests Future Rocket Engine Component To Record Levels

A subscale preburner for the RS-84 rocket engine is test-fired at NASA's Stennis Space Center, Mississippi. The preburner delivers high-pressure, oxidizer-rich combustion gases to spin the engine's oxidizer and fuel turbopumps, and has achieved a chamber pressure in excess of 6,800 pounds per square inch, well beyond the levels seen in current domestic oxygen/kerosene rocket engines. The new preburner is in the midst of a hot-fire test series that will conclude in January after approximately 10-12 more tests.

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