THE CONCEPTION AND BUILDING OF A STAND FOR TESTING A WHEEL GUIDANCE MECHANISM

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Abstract: *This article describes the construction of a stand and testing the front wishbone suspension of the WSZ Racing Team car (Formula Student) from the University of Applied Science of Zwickau. The stand is powered by hydraulic cylinders and activated by software that simulates the forces and moments involved in a racing car suspension in miscellaneous real type conditions like: running over a bump, cornering, braking and acceleration.*

Key words: *guidance mechanisms, experimental test, stand.*

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