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COLECCIÓN FOTOS EMBAJADA EE.UU.

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MIGHTIEST U. S. ROCKET ENGINE TESTED

Progress toward manned flights to the moon and distant planets is seen in the successful performance of F-1, the mightiest rocket engine ever developed in the United States. In more than 25 recent test-stand firings, the new single-chamber liquid-propelled engine has met and even exceeded its designers' power goal of 1,500,000 pounds (680,000 kilograms) of thrust. After flight tests in 1963, the F-1 is expected to become the nation's basic booster engine, with the power and versatility to advance space flight during the next decade.

2-10 With a thunderous roar, fire belches from the F-1 rocket engine on a test stand in the Mojave Desert, California. In more than 25 captive firings, the engine has performed perfectly, even exceeding its designed thrust of 1,500,000 pounds (680,000 kilograms). These captive firings have been carried out on three different test stands, one of which is the nation's largest, capable of accommodating the entire cluster of F-1 engines planned for space-launching. (61-13322)

No de audio

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Science: Astronautics (Research)

Con un estruendo atronador vomita fuego el motor cohete "F-1" en una plataforma de pruebas en el desierto de Mojave, en California. En más de 25 pruebas estáticas, el motor ha funcionado perfectamente, incluso sobrepasando el empuje de ~~más de~~ 680.000 kgs para el que se le había diseñado. Estos disparos estáticos han sido llevados a cabo en tres plataformas de pruebas diferentes, una de las cuales es la más grande de la nación, capaz de acomodar el grupo completo de motores "F-1", proyectado para lanzamientos espaciales.

