



QUADRUS
CORPORATION

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FOR IMMEDIATE RELEASE

QUADRUS CORPORATION HAS SUCCESSFUL NASA PHASE I STTR HOT FIRE TEST

Huntsville, Ala., June 20, 2025 -- Quadrus Corporation's Advanced Manufacturing Division (QAMD), in collaboration with the University of Alabama in Huntsville (UAH), successfully completed a hot fire test of a Rotating Detonation Rocket Engine (RDRE).

The hot fire test was performed at the UAH Propulsion Research Center on June 12, 2025 under a NASA Phase I Small Business Technology Transfer (STTR) effort. This cutting-edge test was conducted without active cooling and featured both heavy-walled and light-weighted centerbodies made from pure rhenium. Centerbodies were additively manufactured by QAMD.

Quadrus Corporation is proud to be at the forefront of next-generation propulsion technologies as we continue pushing the boundaries of what is possible in advanced materials and manufacturing.



above: test 1 config. 1 GoPro image



right: test 2 config. 2 high-definition image | above: test 3 config. 1 high-definition image

ABOUT QUADRUS CORPORATION:

Quadrus Corporation is a leading provider of commercial software solutions, contract engineering services, integration, and advanced manufacturing techniques based in Huntsville, Ala. Visit www.quadruscorp.com to learn more.