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### Stratospheric Effects of Rocket Exhaust: Heterogeneous Processes

Authors: [Mario J. Molina](#); [John R. Edwards](#); [Daniel Pilson](#); [Tyrrel W. Smith Jr.](#); [TRW INC REDONDO BEACH CA ELECTRONICS AND TECHNOLOGY OPERATIONS](#)

**Abstract:** The focus of this project has been the laboratory investigation of chemical processes involving the effects of particles emitted by solid rocket motors (SRMs) on stratospheric ozone. Emphasis has been placed on the efficiency of the catalytic chlorine activation process occurring on the surface of **aluminum oxide** particles.

**Limitations:**  APPROVED FOR PUBLIC RELEASE

**Description:** Technical rept.

**Pages:** 14

**Report Date:** 30 SEP 1999

**Contract Number:** F09603-95-D-0176

**Report Number:** A333414



Keywords relating to this report:

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