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#### A high-altitude barium radial injection experiment

**Author(s):** Wescott, E. M.; Stenbaek-Nielsen, H. C.; Hallinan, T. J.; Deehr, C. S.; Romick, G. J.; Olson, J. V.; Roederer, J. G.; Sydora, R.

**Abstract:** A rocket launched from Poker Flat, Alaska, carried a new type of high-explosive barium shaped charge to 571 km, where detonation injected a thin disk of barium vapor with high velocity nearly perpendicular to the magnetic ...

**NASA Center:** NASA (non Center Specific)

**Publication Year:** 1980

**Added to NTRS:** 2004-11-03

**Accession Number:** 81A17427; **Document ID:** 19810033023

#### Rocket-borne measurements of the dayside cleft plasma - The Tordo experiments

**Author(s):** Winningham, J. D.; Speiser, T. W.; Hones, E. W., Jr.; Jeffries, R. A.; Roach, W. H.; Evans, D. S.; Stenbaek-Nielsen, H. C.

**Abstract:** Results are presented from low-energy plasma analyzers (12 eV to 12 keV) carried on two rockets launched into the dayside cleft during January 1975. It is concluded that (1) atmospheric interaction becomes important for less ...

**NASA Center:** NASA (non Center Specific)

**Publication Year:** 1977

**Added to NTRS:** 2004-11-03

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