

username

LOGIN

New Account »
Forgot Password?

Cloud Scene Simulation

GO

Advanced Search »

Ads by Google

The New Missile Age

Is America safe? Watch the video at Heritage.org
www.Heritage.org/33-Mir

Army Military Leadership

BS/MS from Mountain State Univ. Classes Starting Now. Sign Up Today
Leadership.MountainStat

US Army - Official Site

Earn \$2,000 when you refer someone to the Army. Details inside!
www.army.mil

Free Military Grants

Get Up to \$200,000 in Free Money and Never Have to Pay Them Back!
GovernmentGrantsFor20

Oceanography and Atmospheric Sci. Meteorology

Integrated Efforts for Analysis of Geophysical Measurements and Models

Authors: [S. M. Ayer](#); [C. A. Hein](#); [G. P. Seeley](#); [J. N. Bass](#); [M. J. Kendra](#); [RADEX INC BEDFORD MA](#)

Abstract: This contract supported investigations of integrated applications of physics, ephemerides, and mathematics of the atmosphere and near space. Projects undertaken and reported include spacecraft, ionospheric, atmospheric, and astronomical circumstances; data based studies of air combat targeting; meteorology including **cloud scene simulation** and ITASCA expert system; ionospheric scintillations; atmospheric metal deposition; auroral particle and electric field modeling, magnetic field studies for CRRES; atmospheric density models, databases and drag; PL-GEOSpace code for 3D visualization studies; DMSP magnetic field studies: (1) ephemerides; (2) comparison of LOKANGL and SPACETRACK codes for orbital prediction, and (3) software development for most of these fields of study.

Limitations: APPROVED FOR PUBLIC RELEASE
Description: Final rept. Feb 93-Aug 97
Pages: 234
Report Date: 26 SEP 1997
Contract Number: F19628-93-C-0023
Report Number: A451643

Keywords relating to this report:

- [ABLATION](#)
- [ATMOSPHERIC DENSITY](#)
- [COMPUTER PROGRAMS](#)
- [COMPUTERIZED SIMULATION](#)
- [EPHEMERIDES](#)
- [IONOSPHERIC SCINTILLATION](#)
- [METEOROLOGY](#)
- [ORBITS](#)
- [PREDICTIONS](#)
- [SOLAR WIND](#)
- [SPACE SURVEILLANCE](#)
- [SPACECRAFT](#)
- [TARGETING](#)

- Adobe PDF - \$47.95
- Printed Format - \$52.95

ADD TO CART

Please check the box for the format you wish to order.

[Shipping Terms](#)
[About Electronic Delivery](#)

[Email This Abstract](#)

[« Back to search](#)