

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH

ATMOSPHERIC TECHNOLOGY DIVISION

P. O. Box 3000 • Boulder, Colorado 80303

Telephone: (303) 494-5151 • TWX: 910-940-3245 • Telex: 045 694

8 September 1975

Mr. Daniel Hunt, Head
Office of National Centers
and Facilities Operations
National Science Foundation
1800 G Street, N.W.
Washington, D.C. 20550

Dear Dan:

At the meeting on August 28, 1975 involving representatives of the DOS, FAA, NASA, NSF and NCAR concerning stray scientific balloons, it was requested that NCAR assemble documentation pertaining to the question of possible hazards to aircraft resulting from superpressure balloons and payloads.

The enclosed "Summary of TWERLE Balloon Package Frangibility" is a compilation of information from a multiplicity of sources. There is no single definitive document on the subject. As you can see, the matter of hazards to aircraft has been discussed from a variety of perspectives and in a variety of arenas. We have extracted information from meetings, letters and documents dating back to the days of the Global Horizontal Sounding Technique (GHOST) program, even though the TWERLE package is quite different from the GHOST package. The carrier balloon package will be different still.

I am sending two copies of the Summary, in the event you wish to forward a copy to the Department of State, and one set of color prints of the balloons and packages.

Let me know if we can be of further assistance.

Sincerely,

CJ

Clifford J. Murino
Director

Atmospheric Technology Division

Encls.

cc: J. Firor (w/attach.)
W. Conant (NASA) (w/attach.)

bcc: V. Lally ✓ *need document for files*

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