



U.S. Department
of Transportation

Federal Aviation
Administration

Eastern Region

3/28
Fitzgerald Federal Building
John F. Kennedy
International Airport
Jamaica, New York 11430

24 March 2005

AIRSPACE CASE NUMBER: 05-ASO-0003-NR

TO ALL INTERESTED PARTIES

PROPOSAL: The Federal Aviation Administration desires to notify Aviation Interests of the impending use of the National Airspace by the Savannah River National Laboratory (SRNL), Aiken, South Carolina. The purpose is to conduct atmospheric samplings. The moored balloon used will carry radio-transmitting equipment. The area selected is 6.5 miles west of the Barnwell County public use Airport, in the vicinity of Aiken, South Carolina. Approximately the ALLENDALE VORTAC, ALD 324 radial at 20 NM DME. The device will be a moored balloon, which will be operated up to 4,500 feet AMSL, or 4,200 feet above ground, intermittent, between 25 March 2005 and 07 October 2005.

The site is on the northeast edge of Low Altitude Airway V-417. A VFR Flyway. This is 6.5 miles west of the Barnwell County Airport and 21.5 miles southeast of the Augusta Georgia Regional Airport. The altitude of the moored balloons may reach 4,500 feet AMSL, or 4,200 feet above the ground.

The SRNL intends to operate Moored Balloons during daylight hours, on several different days. The project will be conducted between 25 March 2005 and 07 October 2005. There will be several test cases, (could be daily), during this period, when the atmospheric conditions are favorable to the type tests required.

The testing may last for up to 10 hours or more, on any given day, seven days per week, daylight VFR. A minimum of 6 successful days of testing is required during the test period. NOTAMS will be issued prior to any operations. The mooring lines and the balloons are obstruction marked, at more than 150 feet above ground.

The Moored Balloon operation consists of one balloon on a winch. When required conditions are present, one balloon, with sensors, will be slowly raised and lowered, (several times), during each case study, not to exceed the established test altitude.

PROPONENT: Savannah River National Laboratory
Attn: Mr. John R. Gordon
Bldg. 730-A
Aiken, South Carolina 29808-0001

LOCATION: Approximately 6.5 miles west of the
Barnwell County Airport, not aligned with the runways.
The site is in the vicinity of Aiken, South Carolina.
The ALLENDALE VORTAC, ALD 324° radial at 20 NM DME.

The approximate coordinates:

Latitude: 33° - 17' - 15" NAD 83
Longitude: 081° - 31' - 30"

The FAA wishes to give all parties likely to be affected by this proposal notice of the impending use of the National Airspace.

The purpose of this circular is give notice to the public. Any comments should be made in writing and based on aeronautical fact.

Comments should be submitted no later than ___23 May 2005___, and must be directed to:

Ronald X. Ruggeri, Manager Airspace
And Operations Support Branch, AEA-530
Non-Rule Case No. 05-ASO-0003-NR
FAA Eastern Region
1 Aviation Plaza
Jamaica, New York 11434

The specialist assigned to this study is Frank Jordan of the AEA-520 staff, telephone 718-553-4521, Fax 718-995-5693.



Ronald X. Ruggeri, Manager, Airspace
and Operations Support Branch, AEA-530