



U.S. Department
of Transportation
**Federal Aviation
Administration**

Eastern Region
Air Traffic Division

1 Aviation Plaza
Jamaica, NY 11434

23 July 2004

VWS Balloon Launch
Attn: Mr. Pete Norloff
9455 Silver King Court
Fairfax, VA 22031

Dear Mr. Norloff:

Conditions for Radiosonde Balloon release from the Vicinity of southwest of Dulles
International Airport, Virginia.

703-938-4343

703-385-7133
FAX 385-7137

We have reviewed your letter of 21 July 2004, proposing a balloon release. The intent of the Vienna Wireless Society is to make one radiosonde balloon release. This balloon release is part of the Society research program. This is for one release from one of three possible sites depending on local winds at the time of launch.

Site # 1 the Haymarket site near Haymarket, Virginia. Approximately the ARMEL VORTAC, AML 236° radial at the 10.3 NM DME. Latitude 38 - 49 - 10 Longitude 077 - 38 - 19.

Site # 2 the Front Royal Site south of Route # 66, Front Royal, Virginia. Approximately the LINDEN VORTAC, LDN 011 radial at the 6 NM DME. Latitude 38 - 57 - 23 Longitude 078 - 11 - 55.

Site # 3 the Warrenton Site south of route # 211 and west of Route # 29 near Warrenton, Virginia. Approximately the CASANOVA VORTAC, CSN 037 radial at the 5 NM DME. Latitude 38 - 42 - 58 Longitude 077 - 48 - 55.

This testing at the VWS Haymarket Site is intended to start on Saturday 24 July, one day only, at approximately 9 AM local. For planning purpose the testing will be conducted one time only. There will be a one-balloon release during these periods with each launch a single balloon. Any further dates needed would be the subject of an additional notice. The actual launch will be coordinated with Dulles International

Control Tower and a NOTAM issued at least six hours prior to the start of the day's operation.

This launch will be from the vicinity of one of the designated sites. All three sites are southwest of the Dulles Airport and somewhat in the vicinity of aviation interests. The Haymarket site is below Dulles Class B Airspace.

The package carried (payload of electronics at less than four pounds) is below the 6 pound reporting criteria of FAR Part 101. The information on the balloon launch is: Expected duration of event will be 60 minutes each event. The balloon will rise at 500-1000 feet per minute and is self deflating. Depending on conditions this balloon has the capability to rise through 50,000 feet, normal expected bursting altitude is above 50,000 feet.

Please insure contact names and numbers are made available to the Air Traffic Control Facility for the launch monitors. These will be the location, which will have available current information, on this event, for the entire duration. A minimum of a tested working cellular phone is required at the monitor site. You will notify the Dulles Tower of the planned launch site prior to release. Mr. Pete Norloff 703-938-4343, is listed as the coordinator of the project.

We have no objection to the intended balloon flight. However, to inform other users of the airspace, in the interest of safety of flight, we request that you notify the following facilities:

1. In addition to generally following the provisions of FAR 101 Parts 101.33 through 101.39:
2. Contact the Supervisor of both the Dulles International Control Tower, 703-661-6033, and POTOMAC TRACON, 540-349-7541, at least two hours prior to your scheduled operation, to negotiate any time frame restrictions if they are required.
3. Contact the Supervisor of the Air Traffic Facility again, prior to actual launch.
4. Contact the Leesburg, Virginia Automated Flight Service, 800-468-6621 or 703-779-4604/4606, at least six hours prior to the scheduled operation to effect the issuance of a Notice To Airmen Advisory (NOTAM). Advise the following:

Date: July XX, 2004.
 Time: 9 AM local etc.
 Location: From the Haymarket etc. etc. Observation Site, Haymarket, Virginia.
 ARMEL VORTAC, AML 236/10.3
 Activity: Radiosonde Balloon Release, one (1)
 Altitude: 50,000 AMSL Plus

This letter disposes of the Federal Aviation Administrations interest in this matter but should not be construed as superseding or invalidating any existing rules or regulations

promulgated by any other federal, state, county, or municipal government, which may be required for this display.

Sincerely,



Diane Crean

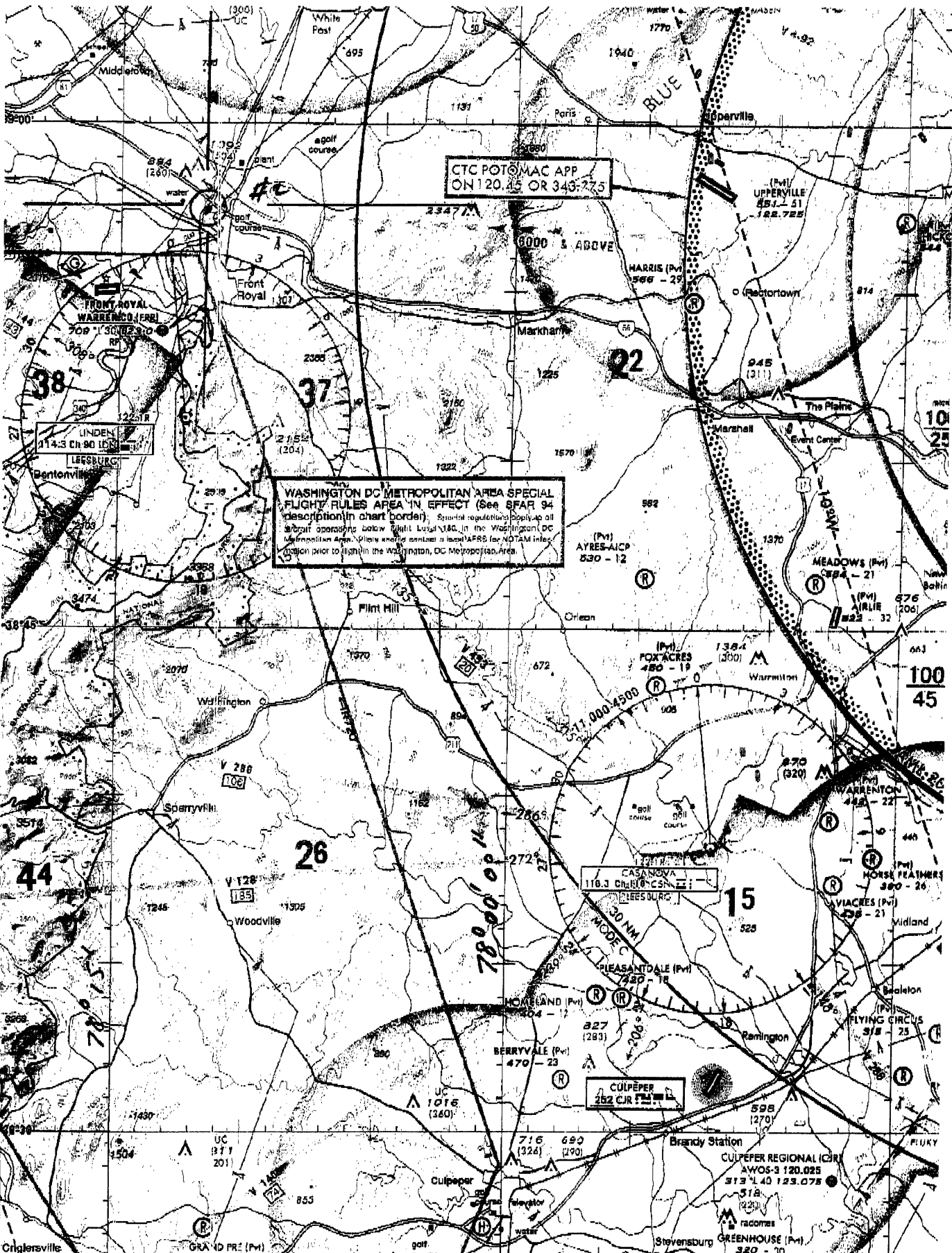
Manager, Airspace Branch

cc: AEA-230/531; NY FPO; ATA-400; DCA AFSS; IAD (T); DCA (T); ADW (T);
POTOMAC TRACON; ZDC; WASH FSDO; MilReps

File: 7711.101; AEA-530df

WP: H:\7711.101\F-JORDAN\BLOON.vws

AEA531.2:F. Jordan:ftj: 718 553-4521:07/23/2004



CTC POTOMAC APP
ON 120.45 OR 343.275

WASHINGTON DC METROPOLITAN AREA SPECIAL
FLIGHT RULES AREA IN EFFECT (See SFAR 94
description in chart border). Special regulations apply to all
aircraft operating below 10,000 feet AGL in the Washington DC
Metropolitan Area. Pilots should contact a local AFSS for NOTAM infor-
mation prior to flight in the Washington, DC Metropolitan Area.

CASA NOVA
116.3 Ch. R. CSN

CULPEPER
252 Ch. R. FM

CULPEPER REGIONAL (CR)
AWOS-3 120.025
313° L 40 123.075

