TECHNICAL EXHIBIT
MINOR CHANGE APPLICATION
STATION WSRV (FACILITY ID 59970)
GAINESVILLE, GEORGIA

JANUARY 12, 2007

CH 246C0 100 KW 305 M

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## Technical Narrative

This Technical Exhibit supports a minor change application to the licensed facility for FM station WSRV at Gainesville, Georgia. WSRV is currently licensed to operate on channel 246C with a non-directional antenna effective radiated power (ERP) of 100 kW and an antenna height above average terrain (HAAT) of 483 meters (BLH-19980825KB).

## Proposed Facilities

This minor change application proposes to relocate the transmitter site approximately 15 kilometers west of the current site. The proposed site coordinates are: 34-6-57 N, 84-1-16 W (NAD27). It is proposed to operate with a non-directional ERP of 100 kW and antenna HAAT of 305 meters. The Federal Aviation Administration (FAA) is being notified of this proposed structure. Once a determination of no hazard is issued, the proposed structure will be registered with the FCC.

## Proposed Coverage Analysis

Figure 3 is a map showing the predicted FCC coverage contours for the proposed WSRV operation. The FCC predicted 70 dBu coverage contour will encompass the entire Gainesville city limits, as derived from 2000 U.S. Census data.

The overall average HAAT (305 meters, rounded to the nearest meter) was determined using the N.G.D.C. 30-second terrain database and 8 evenly spaced radials (every 45 degrees of azimuth).

Allocation Study

Channel 246C0, at the proposed site, will satisfy the Commission's minimum separation distance requirements, specified in Section 73.207(b) of the Rules, to all assignments (see Figure 4).

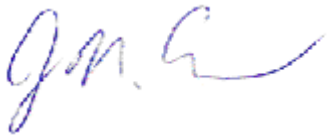
Radiofrequency Electromagnetic Field Exposure

The proposed FM facility was evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. Based on the FCC's FM Model program using a 4-bay "rototiller" antenna, the calculated power density at a point 2 meters above ground level will not exceed 0.01 $mW/cm^2$, which is less than 5% of the FCC's recommended limit of 0.2 $mW/cm^2$ for FM channels, applicable to general population/uncontrolled exposure areas.

Access to the transmitting site will be restricted and appropriately marked with warning signs. In the event that workers or other authorized personnel enter restricted areas or climb the tower, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down. The proposed WSRV(FM) operation appears to be otherwise categorically excluded from environmental processing.

It is noted that this statement only addresses the potential for radiofrequency electromagnetic field exposure. All other aspects of the environmental processing analysis

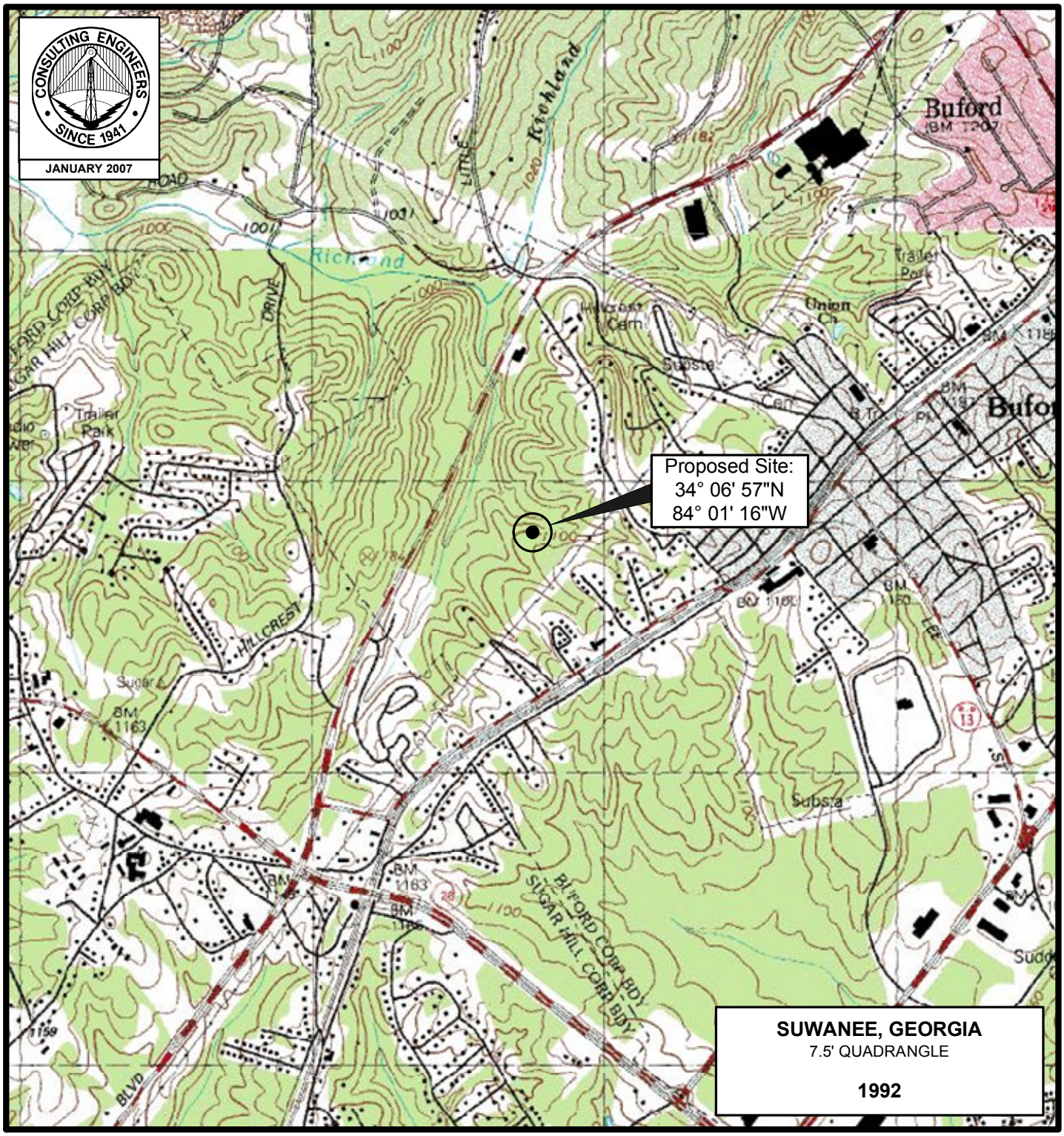
will be or already have been provided to the FCC by the tower owner as part of the tower registration process.



Jonathan N. Edwards

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
(941) 329-6000

January 12, 2007




# PROPOSED TRANSMITTER SITE

FM STATION WSRV
GAINESVILLE, GEORGIA
CH 246C0 100 KW 305 M

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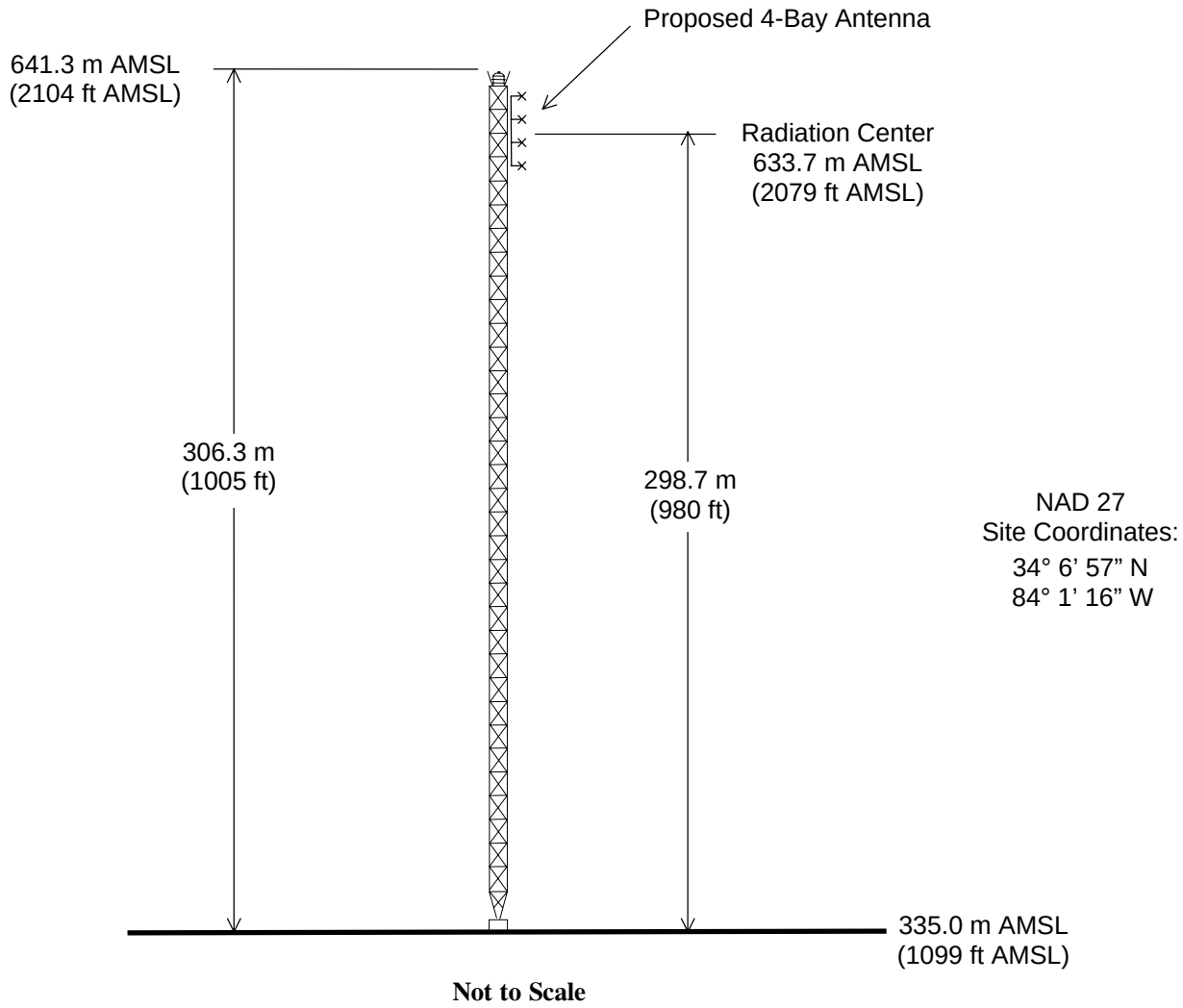
JANUARY 2007




**Not to Scale**

# PROPOSED ANTENNA AND SUPPORTING STRUCTURE

FM STATION WSRV

GAINESVILLE, GEORGIA

CH 246C0 100 KW 305 M

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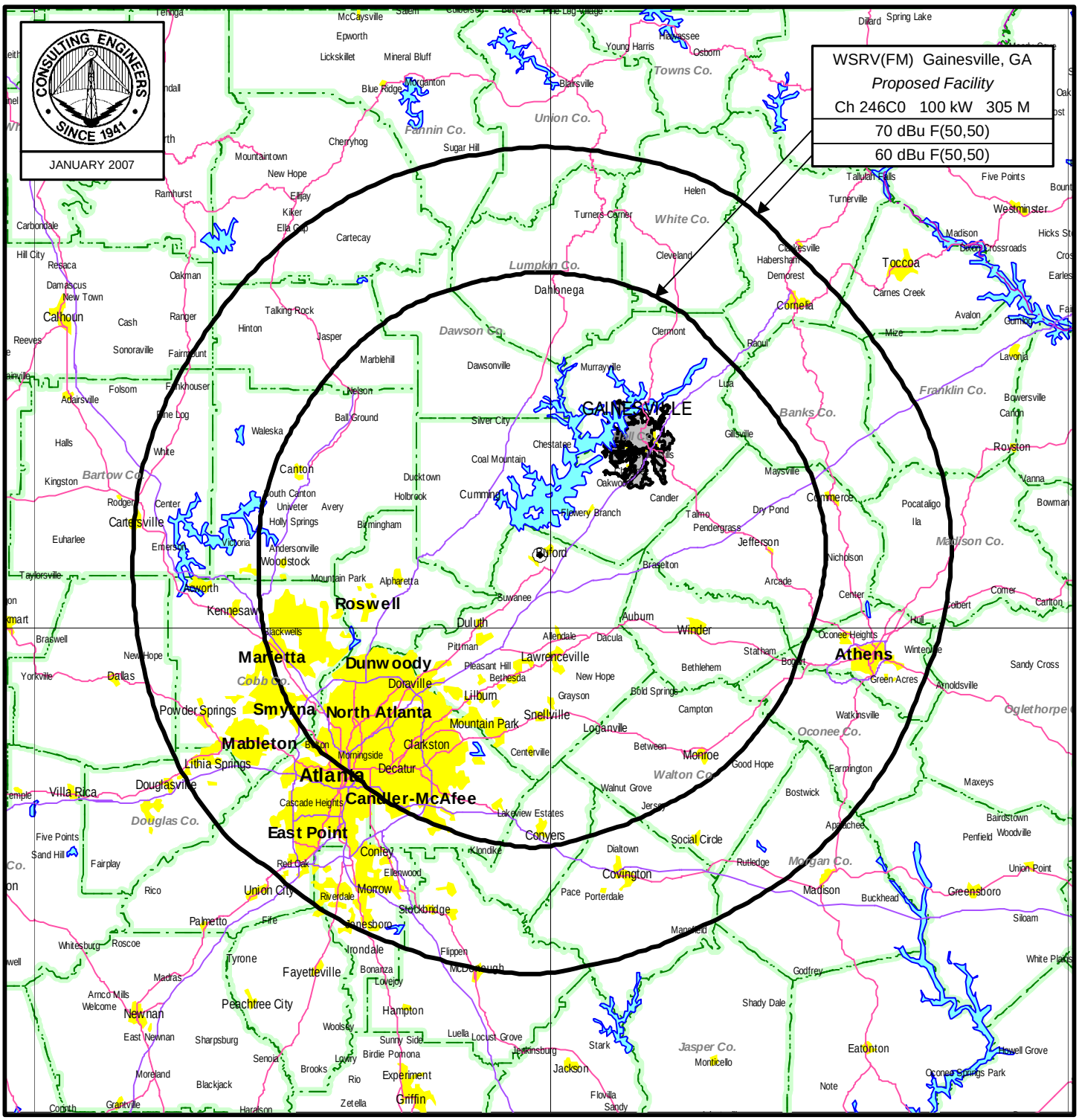


# FCC PREDICTED COVERAGE CONTOURS

FM STATION WSRV

GAINESVILLE, GEORGIA

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**CDBS FM SEPARATION STUDY**

Channel: 246C0 — Separation Buffer: 32 km
1/12/2007 — Coordinates: 34-6-57 N 84-1-16 W

| Call Id | City St Status | File Num | Channel Freq | ERP HAAT | DA Id | Latitude Longitude | 73 215 | Bear | Dist. (km) | Req. (km) 73.215 | 73.207 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WLTM | PEACHTREE C | BLH | 244 A | 2.150 | N | 33-29-22 | N | 216.1 | 86.01 | 80.0 | 86.0 |
| 61142 | GA LIC C | 20001208AAA | 96.7 | 168 | | 084-34-07 | | | 0.01 | Close | |
| | TIGNALL | RM | 244 A | 0.000 | | 33-55-40 | | 100.3 | 113.24 | 80.0 | 86.0 |
| | GA VAC C | 10525 | 96.7 | | | 082-48-58 | | | 27.24 | Clear | |
| | REYNOLDS | RM | 245 A | 0.000 | | 32-31-32 | | 183.0 | 176.62 | 130.0 | 152.0 |
| | GA VAC C | 10107 | 96.9 | | | 084-07-15 | | | 24.62 | Clear | |
| WAKB | WRENS | BSTA | 245 C3 | 6.200 | | 33-15-32 | N | 120.7 | 184.20 | 152.0 | 163.0 |
| 15849 | GA APP C | 20060925ADD | 96.9 | 121 | | 082-19-10 | | | 21.20 | Clear | |
| WAKB | WRENS | BMPH | 245 C3 | 6.200 | N | 33-15-32 | Y | 120.7 | 184.20 | 152.0 | 163.0 |
| 15849 | GA CP C | 20060925ADI | 96.9 | 121 | | 082-19-10 | | | 21.20 | Clear | |
| WAKB | WRENS | BLH | 245 C3 | 0.750 | N | 33-15-33 | Y | 120.2 | 186.86 | 152.0 | 163.0 |
| 15849 | GA LIC C | 19931214KD | 96.9 | 416 | | 082-17-09 | | | 23.86 | Clear | |
| WSRV | GAINESVILLE | BLH | 246 C | 100.000 | N | 34-07-32 | N | 85.8 | 15.00 | | |
| 59970 | GA LIC C | 19980825KB | 97.1 | 483 | | 083-51-32 | | | | | |
| WNGA | SOUTH PITTS | BLH | 247 C2 | 16.000 | N | 34-58-21 | N | 303.3 | 175.83 | 163.0 | 176.0 |
| 40469 | TN LIC C | 19901119KE | 97.3 | 261 | | 085-37-58 | | | -0.17 | Close | |
| WPZE | FAYETTEVILL | BMLH | 248 C3 | 7.900 | N | 33-29-29 | N | 217.0 | 86.65 | 81.0 | 87.0 |
| 3105 | GA LIC C | 20021031ABB | 97.5 | 175 | 28548 | 084-35-00 | | | -0.35 | Close | |
| WGPB | ROME | BLH | 249 C3 | 4.300 | Y | 34-14-05 | Y | 277.1 | 112.23 | 81.0 | 87.0 |
| 6797 | GA LIC C | 19980708KA | 97.7 | 241 | 15058 | 085-13-48 | | | 25.23 | Clear | |
| WMGZ | EATONTON | BLH | 249 C3 | 8.500 | N | 33-20-41 | N | 139.2 | 112.77 | 81.0 | 87.0 |
| 41993 | GA LIC C | 19991018ABS | 97.7 | 169 | 29492 | 083-13-41 | | | 25.77 | Clear | |
| | EATONTON | RM | 249 C3 | 0.000 | | 33-20-41 | | 139.2 | 112.77 | 81.0 | 87.0 |
| | GA DEL C | 11086 | 97.7 | | | 083-13-41 | | | 25.77 | Clear | |
| | LEXINGTON | RM | 249 C2 | 0.000 | | 33-45-03 | | 109.7 | 118.66 | 83.0 | 89.0 |
| | GA ADD C | 11086 | 97.7 | | | 082-48-53 | | | 29.66 | Clear | |
| | LEXINGTON | RM | 249 C2 | 0.000 | | 33-51-00 | | 104.1 | 118.66 | 83.0 | 89.0 |
| | GA C | 11086 | 97.7 | | | 082-46-38 | | | 29.66 | Clear | |