



Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2011-ASO-14-OE  
Prior Study No.  
2009-ASO-5943-OE

Issued Date: 08/05/2011

FAA / FCC Department  
American Tower GA  
1898 Leland Drive  
Marietta, GA 30067

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Antenna - Side Mount 23506 RIVERVIEW BROADCAST
Location:	RIviverview, FL
Latitude:	27-49-10.84N NAD 83
Longitude:	82-15-38.00W
Heights:	1568 feet above ground level (AGL) 1645 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does exceed obstruction standards but would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure should continue to be marked/lighted utilizing 24-hr hi-strobes.

See attachment for additional condition(s) or information.

Any height exceeding 1568 feet above ground level (1645 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (817) 838-1996. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2011-ASO-14-OE.

**Signature Control No: 134995800-147242963**

( EBO )

Bruce Beard  
Specialist

Attachment(s)  
Additional Information  
Frequency Data  
Map(s)

cc: FCC

### **Additional information for ASN 2011-ASO-14-OE**

Spectral analysis indicates 100.7 MHz and 103.5 MHz combined with other surrounding FM frequencies can cause 2 signal second order intermodulation products that can cause harmful interference with nearby landing systems. If it is determined in the future that 100.7 MHz or 103.5 MHz being transmitted from this tower is causing significant adverse effect on any surrounding instrument approach system, steps will be taken to prevent any transmitting on 100.7 MHz and/or 103.5 MHz from of this tower.

This determination of no hazard is granted provided the following condition statement is included in the proponent's construction permit or license to indicate: "Upon receipt of notification from the Federal Communications Commissions that harmful interference is being caused by the licensee's (permittee's) transmitter, the licensee (permittee) shall either immediately reduce the power to the point of no interference, cease operation, or take such immediate corrective action as is necessary to eliminate the harmful interference.

This condition expires after one year of interference-free operation."

# Frequency Data for ASN 2011-ASO-14-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
93.3	93.3	MHz	62	kW
100.7	100.7	MHz	100	kW
103.5	103.5	MHz	58	kW
698	806	MHz	1000	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1850	1910	MHz	1640	W
1930	1990	MHz	1640	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W



## TOPO Map for ASN 2011-ASO-14-OE





