

ALACHUA COUNTY MASS CARE SHELTERS WITH HARD-WIRED RADIO ANTENNAS

Updated: May 2 2021
G. Gibby

LOCATION	Radio Location Date Tested	VHF/UHF Antenna SWR Check	VHF/UHF Repeater Connectivity	Public Service 800MHz Antenna SWR	Public Service 800 MHz Connectivity	SO-239 Pass Thru
1. Archer Elementary School. 14533 SW 170 St Archer FL 32618	Bldg 6; Cafeteria, Room 06-004					
2. Buchholz High School 5510 NW 27th Avenue Gainesville FL 32606	Bldg 8, Multipurpose room 08-035					
3. Easton Archery (accessed from US 27/41 aka SR45) 24880 NW 16th Avenue Newberry FL 32669	ESFD Office, Room 112					
4. Eastside High School 1201 SE 43 St Gainesville FL 32641	Building 15 Room 15-003 Guidance Office Area					
5. Meadowbrook Elementary School 11525 NW 39 Ave Gainesville FL 32606	Cafeteria Room 01-076					
6. MLK Center 1028 NE 14th Street Gainesville FL 32601	? Storage arrea within office					

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7. Rawlings Elementary 3500 NE 15 Street Gainesville FL 32605	Building 4, Cafeteria: A/V Office (locked door) opening to the cafeteria. TESTED: 4/29/2021 Note box ~ 7 feet.	144-148 MHz 1.4-2.8 VSWR	82 GOOD; 910 2 bars; 985 scratchy; 685 good	Not measured.	Connection good but signal bars low.	Good even past 2 meters.
8. Santa Fe High School 16213 NW US 441 Alachua Fl 32615	Building 34, Science Bldg, Room 34-020					
9. Senior Recreation Center 5701 NW 34th Blvd Gainesville FL 32653	Classroom 114					
10. Shell Elementary School 21633 SE 65th Ave Hawthorne, FL 32640	Cafeteria, room 02-013					
11. Sidney Lanier Center 312 NW 16th Avenue Gainesville FL 32601	VHF/UHF/800: Gym building, office room past a lounge area; HF pass-thrus in storage room 12-004 off gym floor TESTED 4/29/2021	144-148MHz 1.6-1.5 VSWR	Good connections 820 985 685 910 and 444.925.	Not measured.	5 bars rcvd signal. Good connection	Gym Storage: top SO239 not working; bottom good thru 6m band.
12. Talbot Elementary School 5701 NW 53rd Street Gainesville FL 32653	Building 3, Staff Lounge					
13. Westwood Middle School 3215 NW 15th Avenue Gainesville FL 32605	Cafeteria area, Teachers Lounge, room 18-014					

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14. Williams Elementary 1245 SE 7th Avenue Gainesville FL 32641	Bldg 7, Cafeteria arrea, Teachers Lounge 07-016 TESTED 04/29/2021; box at 8 feet but 18" table below helps. Avoid stage side approach (stairsteps)	144-148MHz 1.1-1.5 VSWR	820 good; 985 X; 910 good; 685?	Not measured	Good connections, 5 bars signal strength	Outside cconnection extended down to 5 feet easily reached for 0 ohms (shorted) at 80 meters.

The Go-boxes are functionally equivalent. Therefore, it really doesn't matter which go-box is assigned to a location. However, individual boxes were tested at different sites, so that the boxes were tested as well. The following table records which go-box was tested at which site, simply for completeness.

SITE	Go-Box # Tested there 2021	Comments
1. Archer Elementary School. 14533 SW 170 St Archer FL 32618		
2. Buchholz High School 5510 NW 27th Avenue Gainesville FL 32606		
3. Easton Archery (accessed from US 27/41 aka SR45) 24880 NW 16th Avenue Newberry FL 32669		
4. Eastside High School 1201 SE 43 St Gainesville FL 32641		
5. Meadowbrook Elementary School 11525 NW 39 Ave Gainesville FL 32606		
6. MLK Center 1028 NE 14th Street Gainesville FL 32601		
7. Rawlings Elementary 3500 NE 15 Street Gainesville FL 32605	Box 3	Cables stuffed between radios; remove carefully
8. Santa Fe High School 16213 NW US 441		

Alachua Fl 32615		
9. Senior Recreation Center 5701 NW 34th Blvd Gainesville FL 32653		
10. Shell Elementary School 21633 SE 65th Ave Hawthorne, FL 32640		
11. Sidney Lanier Center 312 NW 16th Avenue Gainesville FL 32601	Box 1	Box 1 had zipper front storage for cables, books
12. Talbot Elementary School 5701 NW 53rd Street Gainesville FL 32653		
13. Westwood Middle School 3215 NW 15th Avenue Gainesville FL 32605		
14. Williams Elementary 1245 SE 7th Avenue Gainesville FL 32641	Box 2	Cables stuffed between radios; remove carefully