

1 SEPTEMBER 2002

COMMUNICATIONS

RADIO STATION PLAN

1. **INTRODUCTION:** The mission of communications within Central Iowa Composite Squadron, Civil Air Patrol is to organize and maintain reliable area wide point-to-point, air-to-ground, air-to-air, and ground mobile radio capability for use in emergencies and for training communications personnel.
2. **PURPOSE:** To establish the guidelines for the communications and operation of ALL VHF-FM radio systems within Central Iowa Composite Squadron, Civil Air Patrol in accordance with CAPR 100-1 and the Federal NTIA rules.
3. **LOCATION PLANNING:** Radio station sites will be chosen to provide the largest coverage area to the maximum number of stations.
4. **PROPOSED STATION LOCATIONS:**
 1. Ames Municipal Airport (VHF/HF Base)
 2. Story County Red Cross (VHF/HF Base)
 3. Story County Emergency Management (VHF)
 4. Alleman Towers (VHF Repeater)
 5. Sac City Airport (VHF/HF Base)

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