



Gwinnett Composite Squadron Mission Packet



Saturday, March 07, 2009

A violent tremor from an earthquake in the northeast corner of Kentucky has raised several concerns. Georgia Emergenc Management Agency (GEMA) has asked Civil Air Patrol to provide reconnaissance flights over much of the local infrastructure; to include all rivers, bridges, dams, radio towers and detention facilities. The extent of the damage is unknown. Other tasking may present itself later in the day or during your flight.

Airport, Remote Control

Target Description

Remote control airplane runway next to the Chattahoochee River. This site may be uses as a helicopter staging area.

Location

Latitude	Longitude	VOR	Frequency	Radial	DME
34° 8'6.01"N	84° 5'36.70"W				

Mission Description

The aircrew shall;

1. Determine the distance between the river and the edge of the field
2. Report any obstruction on the field
3. Report any electrical services or power lines within easy reach
4. Photographs and sketches of the field and entrance roads will be needed.
5. Inspect the access road for obstructions

Crew Duties

The duties of the aircrew will be as follows;

Before Airborne: The aircrew should assemble and brief among themselves. The topic of the brief should be safety and the responsibilities and duties of each crewmember. The safe and successful operation of the aircraft and the mission is dependent on the aircrew working together.

Mission Pilot: Fly the mission as planned. Maneuver the aircraft so the Scanner will have sufficient opportunity to evaluate the target area. Once the mission attached to this target has been accomplished, the pilot will either fly direct to the next target, or return to base. If returning to base, the pilot will maintain the lowest possible search altitude as outlined in CAPR-60-1; all navigation equipment will be shut down before committing to a base heading.

Observer: Will assist both the Pilot and Observer, and be responsible for monitoring and making any mandatory FM/CAP Radio calls. Be prepared to report all findings and the estimated condition of the target to Mission Base while airborne.

Scanner: Will be responsible for maintaining a sighting log, providing the information the tasking has asked for, and photographing or sketching the target as outlined above.

Buford Dam, Lake Lanier Power Plant

Target Description

Dam on the south side of Lake Lanier. There is a large power generation plant next to the dam.

Location

<i>Latitude</i>	<i>Longitude</i>	<i>VOR</i>	<i>Frequency</i>	<i>Radial</i>	<i>DME</i>
34° 9'37.25"N	84° 4'25.56"W				

Mission Description

The aircrew should check;

Dam

1. Ruptures
2. Obstructions in the flow way
3. Ground conditions where the soil interfaces with the sides of the dam.

Power plant

1. The concrete and soil around the facility should be checked for cracks or movement. Movement from a tremor will show up in this location.
2. The electrical mast and structures should be checked for any obvious damage
3. Both photographs and sketches of the main structures and power lines leaving the facility are needed.

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Prison

Target Description

A prison is located NNE of LZU. It has many outbuildings, outer and inner perimeter fences and is self contained.

Location

<i>Latitude</i>	<i>Longitude</i>	<i>VOR</i>	<i>Frequency</i>	<i>Radial</i>	<i>DME</i>
34 05 38 62	83 54 42 01				

Mission Description

The aircrew will provide the following information.

1. Count the guard towers and determines if they are occupied by properly uniformed guards.
2. Examine all perimeter fences and exterior containment devices for damages or anything suspicious.
3. Observe the yard area and be prepared to describe any activities noted.
4. Examine the access roads to and around the facility for any damages or suspicious activities.
5. Identify the location and condition of the power lines feeding the facility
6. Photographs of the facility are needed. They should be high in resolution and taken from the north, east, south and west sides.

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Tower (WUVG-TV)

Target Description

Radio tower northeast of LZU

Location

<i>Latitude</i>	<i>Longitude</i>	<i>VOR</i>	<i>Frequency</i>	<i>Radial</i>	<i>DME</i>
34 07 32 19 N	83 51 32 40 W				

Mission Description

The aircrew will provide the following information.

- 1.Count the guy-wires
- 2.Visually examine the tension on all the guy-wires and check for uniformity
- 3.Examine the tower for any damages
- 4.An accurate sketch of the placement of the guy-wires is needed.

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