

**ARNG WARRIOR TRAINING CENTER
PATHFINDER COURSE
FORT BENNING, GEORGIA 31905**

ATZB-RCG

1 October 2009

Pathfinder GTA/INR Map Marking:

- I. PURPOSE:** For use as a quick reference by the Ground-to-Air (GTA) and Internal Net Recorder (INR) to expedite the flow of aircraft in a control zone.

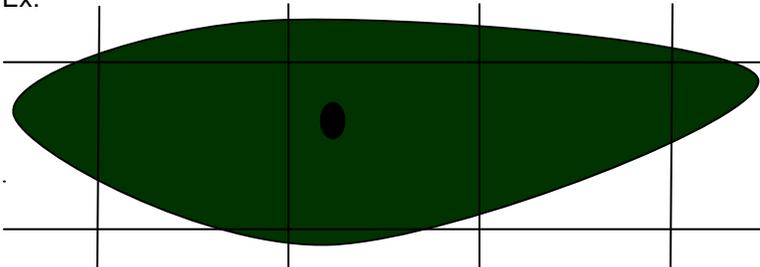
ACRONYMS/TERMS:

- OP SITE – Operations site
- CC – Control Center
- GTA - Ground to Air
- CCP - Communications Checkpoint
- GUC - Ground Unit Commander
- AVN CDR - Aviation Commander
- RP(S) - Reference Point(s)
- ACP(S) - Aerial Control Point(S)
- ATC - Air Traffic Control
- HLS(Z)(P) - Helicopter Landing Site(zone)(point)
- DZ OPS - Drop Zone Operations
- INR - Internal Net Recorder

II. LOCATE OP SITE:

- Grid location is provided
- Mark Op Site with grid dot
- Trace out complete site

Ex:

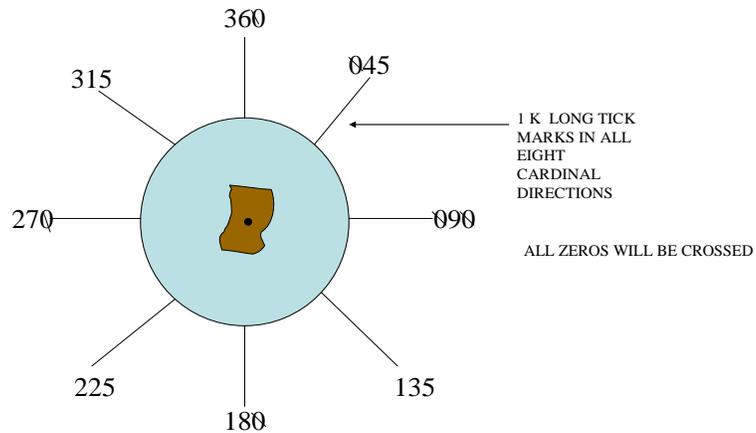


III. MARK OP SITE:

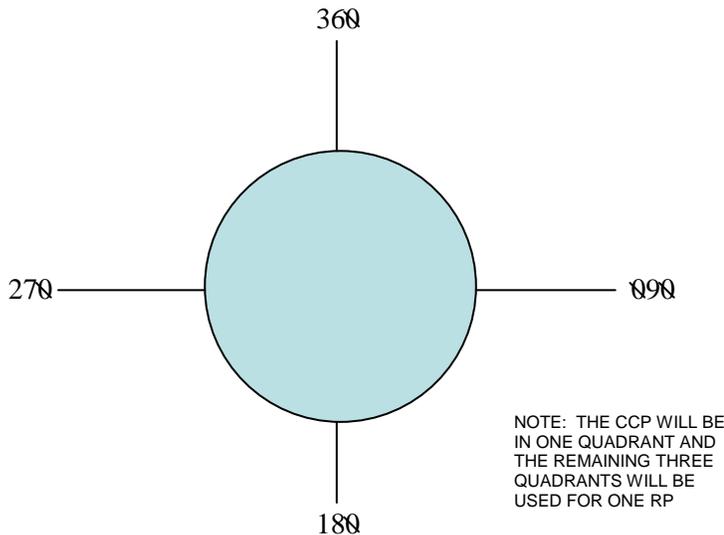
- Place cross hair on op site grid dot
- Trace the outer edge of the inner circle from 270 to 090
- Flip control zone scale over, and place cross hair on op site grid dot
- Trace inner circle from 090 to 270
- This complete circle is called the “Control Center”

IV. MARK CONTROL CENTER CARDINAL DIRECTIONS:

- Locate the eight cardinal directions on GTA 7-4-5
- Make 1K tall tick marks in each of these directions around control center circle
- 360-045-090-135-180-225-270-315-- These are the eight cardinal directions
- These azimuths are marked on the map as a quick reference for the GTA
- Azimuths will be marked in 1K tall numbers, must have 3 digits
- Map will ALWAYS be oriented north



V. DIVIDE CC INTO FOUR QUADRANTS



VI. LOCATE COMMUNICATIONS CHECKPOINT (CCP)

- Communications Checkpoint
- Grid will be predetermined by the GUC and AVN CDR
- Must be a major terrain feature or man-made feature
- Easily identified from the air
- One way traffic only
- CCP will be located no more than 6-8 kilometers from the center of op site to center of CCP or 3-5 kilometers from edge to edge.

VII. LOCATE RP'S

- Planned by the PFDR and presented to AVN CDR for approval
- Used for emergencies
- One per quadrant, to maintain spacing, not in "No Fly Area" or over impact areas
- Will not be in the same quadrant as the CCP
- Will not exceed 6 to 8 kilometers from center of CC to center of RP or 3 to 5 kilometers from the edge of CC to edge of RP

VIII. LOCATE HOSPITAL

- Hospital will be marked on all maps
- Locate hospital and mark with grid dot
- Use triangle on GTA 7-4-5
- Place grid dot center mass and trace triangle. Mark it with an "H"
- Aircraft will usually not be coming from the hospital

IV. AERIAL CONTROL POINTS

- The ACP is a topographic feature that is easily identifiable from the air that can be used as a navigational aide. It is normally located at each point where the flight route changes direction. A flight route can contain as many ACP's as necessary to control the air movement

