

## Photogrammetric Targeting Standards



ALL TARGET PANELS MUST BE CLEARLY SKY VISIBLE.

From each control point location, the sky must be clearly visible and free of obstructions such as trees, buildings, bridges, power lines, embankments, poles, signs, etc. (See figure on next page.)

**“X” or “Cross”** Photogrammetric ground control is the only acceptable pre-marked targeting for VDOT aerial mapping projects. Acceptable target materials are painted, cloth or vinyl varieties. **Always be cognizant of the flight path and each photo footprint.**

- "X" targets must be located on a flat, bare ground, and level surface. Flat, grassed areas must be cut very short before placement of targets.
- Mainline & wing target relocation maximum is 100 feet. Once again, be cognizant of the flight path and each photo footprint.
- Mainline targets limited to 50-100 feet target relocation laterally. Lateral movement is along a line perpendicular to the flight line.
- Wing targets limited to 50-100 feet relocation laterally, on a line perpendicular to the flight line, and **relocated towards flight path or center of photograph.**
- Use paved shoulders (clearly sky visible) on major highways.
- Use centerline on rural roads (sky visible.)
- **DO NOT place targets on slanted or sloping ground!**<sup>◊</sup>

---

<sup>◊</sup> April 2014