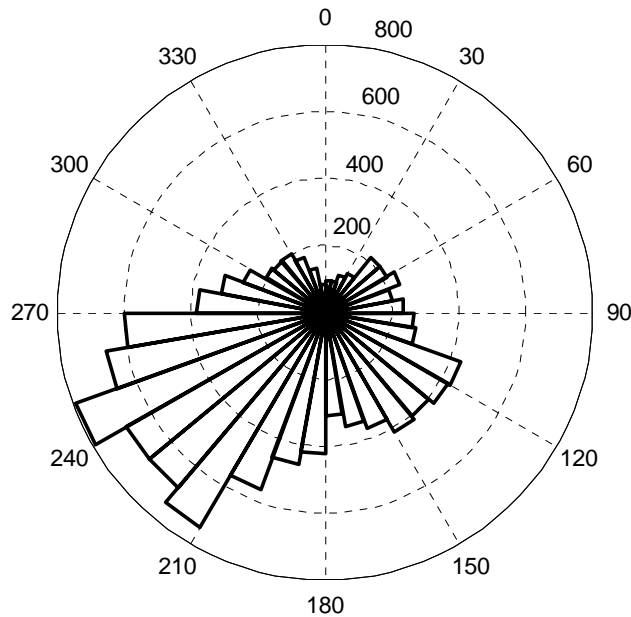


34.5% of observations were between 135° and 225°.

**Figure 4.** Observed fall flight directions in the project area.



#### Passage Rates

The overall mean passage rate in the horizontal mode was  $345.8 \pm 13.3$  targets/km/hr (mean  $\pm$  SE) ( $n = 506$  sample periods) and in the vertical mode was  $346.2 \pm 17.2$  targets/km/hr (mean  $\pm$  SE) ( $n = 503$  sample periods). Mean nightly passage rate was highly variable in both horizontal mode (Figures 5) and vertical mode (Figure 6). The greatest nightly passage rates occurred in late September and early October. Mean hourly passage rates tended to be low early in the evening, with rapid increases to maximum values just before midnight, followed by progressively declining rates throughout the night (Figures 7 and 8).