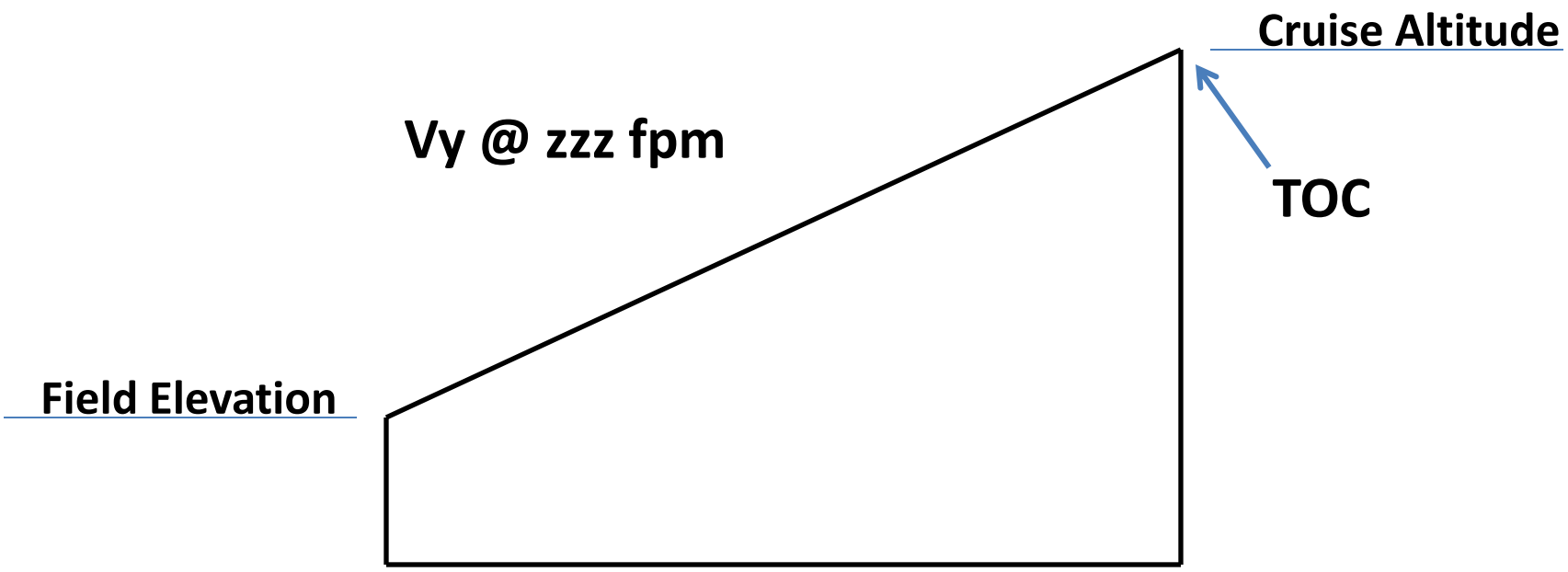
Top of Climb

G. White

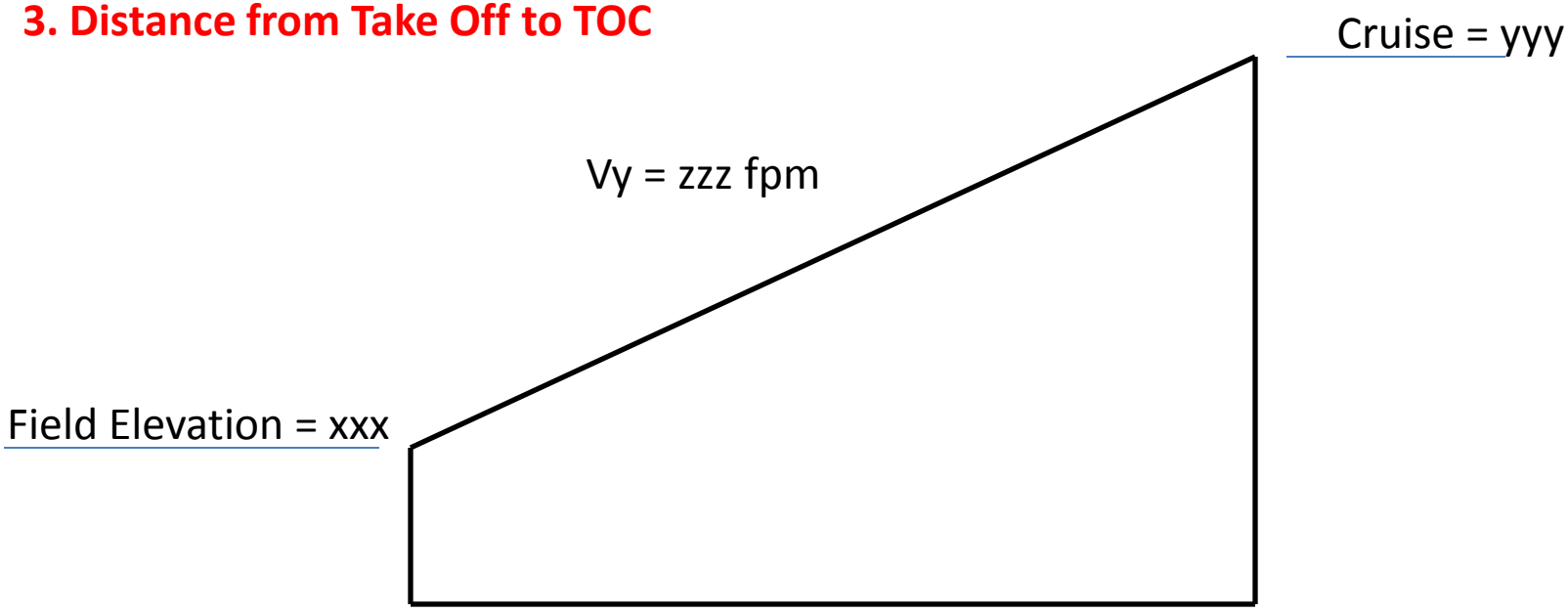
How to Compute and Include in Flight Plan Log

TOC Problem (Givens)



TOC (Calculate)

1. GS
2. Time for Climb
3. Distance from Take Off to TOC



Example

- Flight To KBMQ – see Departure figure
- Givens
  - Vy = 75 knts @ 700 fpm
  - Cruise Altitude = 6,500’
  - Field Elevation = 597’
- Calculate
  - GS = Vy = **75 knts**
  - Time for Climb [(6500-597)/700] = **8.5 minutes**
  - Distance to TOC = **11 nm**

Example (cont.)

- Mark Distance on Map
  - See Figure
  - Find Visual Checkpoint Close to TOC
  - Use as Check for:
    - Track
    - Heading
    - DG Realignment
    - Winds
  - Make This 1st Checkpoint on Nav Log