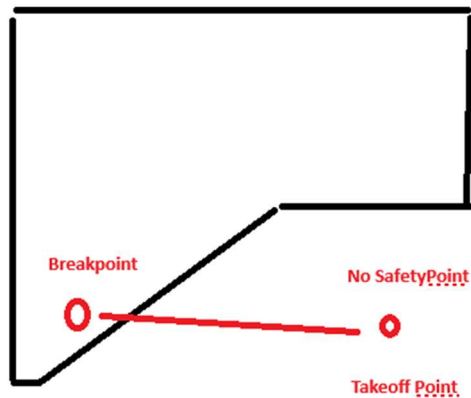


## HD580 Autonomous Operation – Flight Logic for Entering and Exiting Fields

### 1. No Safety Point (Waypoint/Transfer Point Set)

When no safety point is set, the HD580 will **fly in a straight line from the takeoff point to the operation start point** (and vice versa) at the configured **flight altitude and speed**.

⚠ The drone **may fly outside of the operation field boundaries** during this transition.

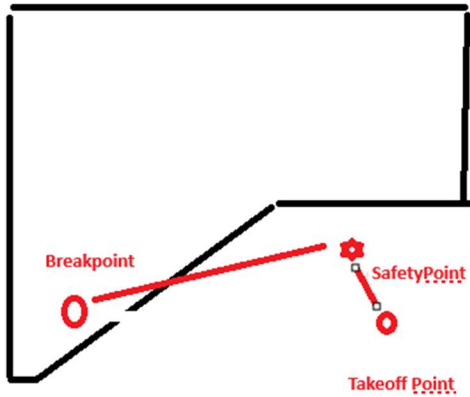


### 2. Safety Point Outside the Field :

If the safety point is set **outside the operation field**, the drone will:

- Take off and fly directly to the **safety point** at the preset speed.
- Then fly in a straight line to the **operation (resumption) point**, or return the same way during mission completion.

⚠ The drone **may fly outside the field** between the safety point and the operation area.



### 3. Safety Point Inside the Field :

When the safety point is **within the operation field**, the drone will:

- Take off and fly to the **safety point**,
- Then **fly entirely within the field** from the safety point to the operation/resumption point.

During return, the drone will:

- First fly from the operation point to the **safety point (within the field)**,
- Then fly from the safety point to the **takeoff point**.

✓ This ensures **the drone remains within the field boundary** during both entry and return.

