

Precautionary Search : Objectives

PRECAUTIONARY SEARCH AND LAND - Simulation Exercise

If you find the necessity arises where it is better to land rather than continue flying, take all necessary steps to identify the safest practical landing area. As full power is available, you can descend to what appears to be a satisfactory landing area and do a precautionary inspection applying the following procedure.

Your decision to use a particular field should take the following into consideration:

Wind - Strength and direction

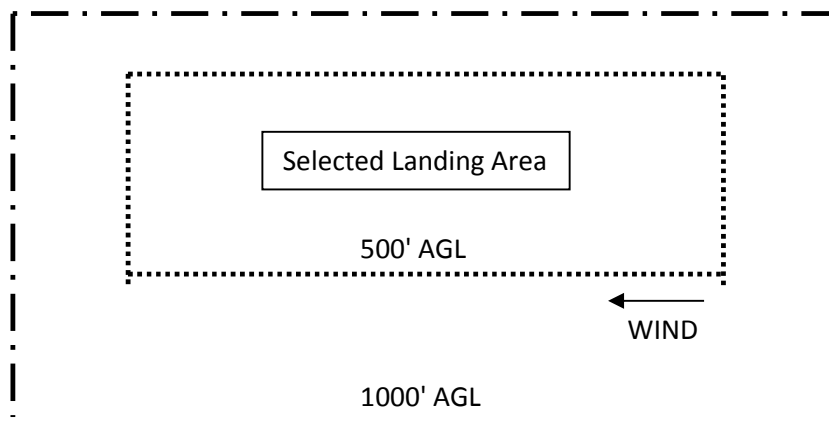
Size - Large enough to land and depart from.

Surface- Grass, furrows, crop, bumpiness, stock, etc

Surrounds - Obstacles on approach and departure especially power lines.

Slope - Uphill landing, never down hill

Civilisation - to receive assistance.



Procedure.

1. Orbit the intended field making left hand turns, at 1000' AGL and look for any surrounding and on field obstructions and confirm size, surface and slope.
2. Descend to 500' AGL for a closer inspection for wires / obstructions and confirm surface and slope are acceptable.
3. Conduct a soft field landing into wind, with full flap to reduce landing speeds

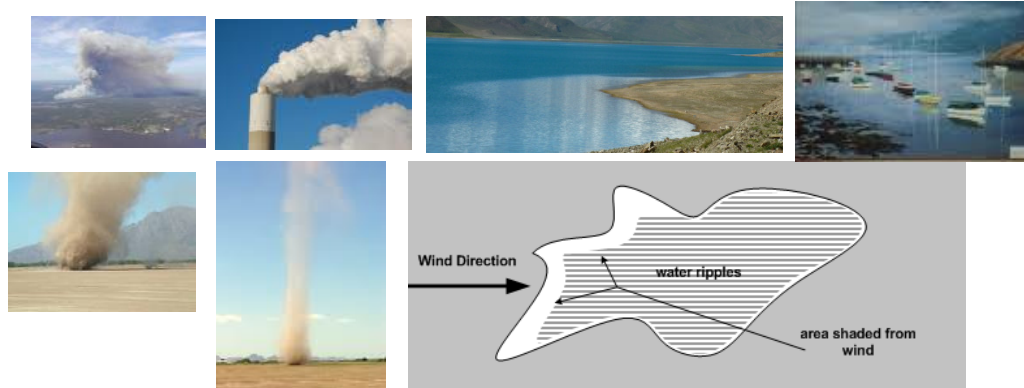
If a field is not satisfactory, fly away from any oncoming weather to buy more time to find a satisfactory area.

Advise any traffic in the area that you are making a precautionary landing due to weather. Once on the ground confirm you are safe.

Theory Brief 10: Advanced Manoeuvres

WSSSSS

Wind - Strength and direction



Size - Large enough to land and depart from.



Surface- Grass, furrows, crop, bumpiness, stock, etc



Surrounds - Obstacles on approach and departure especially power lines.



Slope – Always Uphill landing, never down hill



S - Civilisation - to receive assistance.

