

***The Function and Operation of Fixed Wing and Helicopter Aircraft in  
Search and Rescue Incidents and Hazard Awareness Pertaining to Said  
Conditions***

or

**Why Helicopters are Fun !  
and  
How not to get Killed by them!**

***Uses of Aircraft at Searches***

Helicopters are useful for:

Search large areas quickly at a low POD, with observers by day and using  
FLIR at night  
Medivac-ing critical patients  
Transporting overhead teams to high-urgency searches

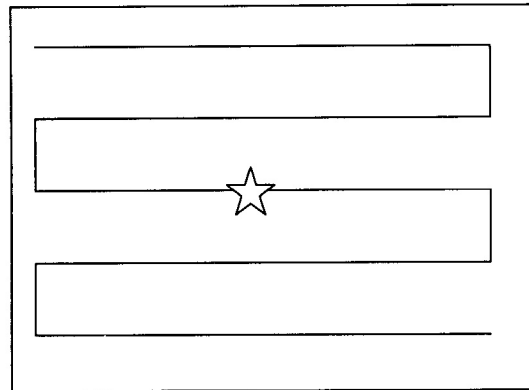
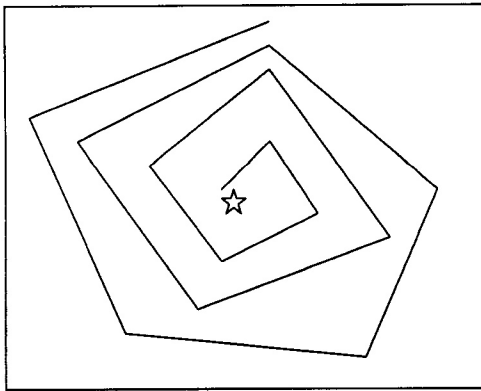
Fixed Wings are useful for:

Searching large areas for other aircraft  
Transporting teams to distant searches

The people who might let me use their aircraft are

<b>Agency</b>	<b>Craft</b>	<b>Use</b>
Virginia State Police	Helicopter	General Survey, FLIR
UVa Hospital- Pegasus	Helicopter	Medivac and OHT transport within 100NM
Civil Air Patrol	Fixed Wing	Aircraft Search, transport and other support for GSAR
Other, esp. in DC area US Park Police, LifeFlight	Helicopters	FLIR, medivac, hoist ops

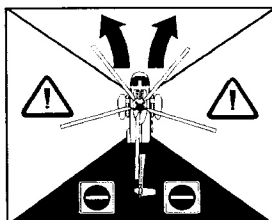
Draw some pretty pictures of how an aircraft might search an area:



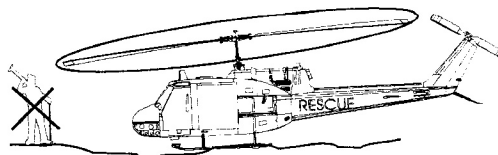
Here's my list of all the ways an aircraft could kill me:

Approaching helicopter from the front and getting decapitated by rotor	Approaching helicopter from the rear and getting decapitated by tail rotor
Getting crushed by sliding wreckage	Falling debris from crashed aircraft
Fumes or Fuel explosion	Falling out of aircraft
Electrocution by hoist wire from static elec.	Crashing in aircraft due to weather
Getting hit by skids or wheels during takeoff and landing	Crashing in aircraft due to dangerous search pattern

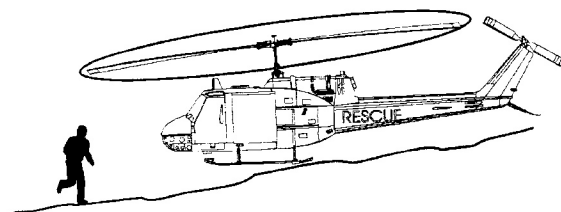
Approach and exit only from front or side as directed



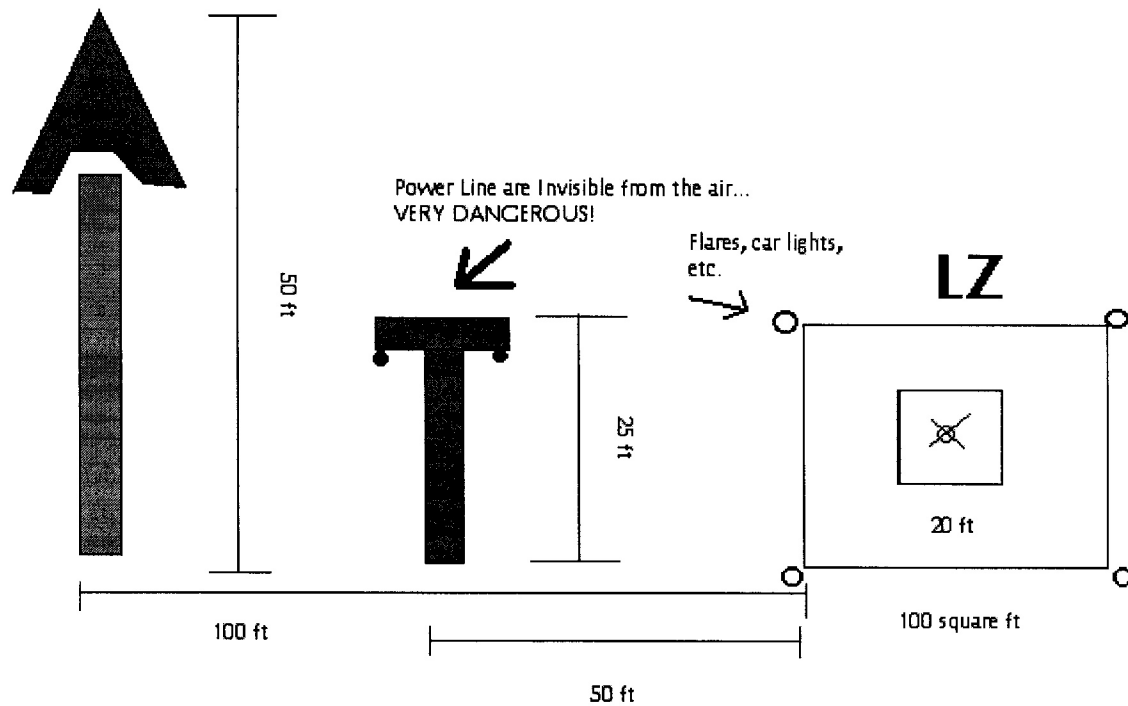
Approach and exit with head and equipment low



On side hills, approach from downhill



**THE NUMBER ONE RULE IS THE PILOT IS ALWAYS IN CHARGE AND YOU MUST FOLLOW HIS OR HER INSTRUCTIONS**



I'm getting ready to go on a flight, what should I wear for Personal Protective Equipment?

Head: Helmet  
/Nomex

Eyes: Goggles

Hands: Gloves

Feet: Boots

