

# LOCATION

RADIO      Mayday, hand held VHF  
PLB/ELT    121.5/243 & 406

## VISUAL SIGNALS

Lights, strobe, pyrotechnics,  
hand flares, miniflares, signal mirror,  
sea dye, whistle, splashing?

LOCATION letting people know where you are.

VHF radio Mayday on the way down.

Switching on PLB/ELT as you go down.

## VISUAL SIGNALS

Colour of raft & lifejacket. Lights on rafts etc Strobe lights.

Flares when to use. How to use.

Signal mirror. How to use.

Sea marker

Whistle & splashing?

# LOCATION

VISUAL SIGNALS on land.

GASCO (ICAO)

Ground To Air Signal Codes

V require assistance

X require medical assistance

LOCATION

VISUAL SIGNALS on land.

Wreckage of aircraft.

Break up "Natural Look" of land. Signals should be as large as possible optimum 10 metres.

Flares etc can be used.

Signal mirror.

Build a fire ! 3 are international distress signal

# LOCATION

PLB/ELT 121.5

Range:-

Surface 2-3 kms

10,000 ft 90-160 kms

Can be detected by satellite up to 600 kms  
from receiving station (until 2009)

Switch on and leave on.

Get aerial as high as possible.

On top of lifejacket or hung up in  
raft.

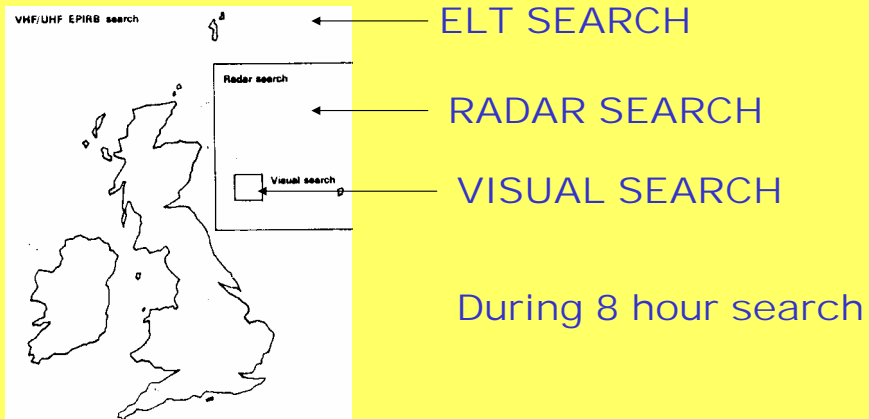
Range of beacon

Endurance 12 -24 hours

SAR units can home in on 121.5Mhz

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PLB/ELT 121.5

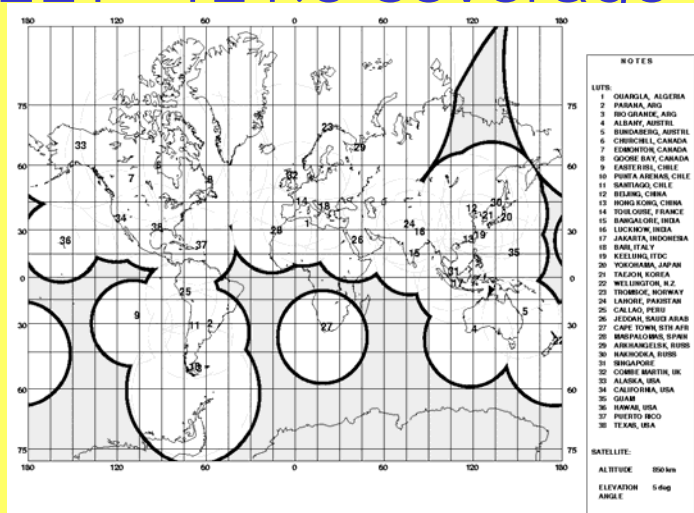


Picture shows approx area that can be searched during 8 hours.

ELT search area is about 360,000 sq kms

# LOCATION

## PLB/ELT 121.5 coverage



White areas show where 121.5 Mhz beacon can be detected by satellite.

In the grey area you will be reliant on aircraft flying overhead.

If you are going to fly over these areas take a 406 mhz beacon.

# LOCATION

PLB/ELT 406 mhz (121.5)

Worldwide coverage.

Located to 3-9 kms. SAR then homes in on 121.5 Mhz

GPS versions located to within 30 metres.

Works on COSPAS/SARSAT system

Worldwide coverage.

Located to 3-9 kms.

Approx cost £ 350

GPS version becoming smaller and cheaper, approx £ 550

With all beacons check the battery date. They do go out of date and lithium cells loose power very quickly.

May test OK one day and not the next.