

AUXAIR SAR Job Aid

Information:

Where is CSP
What kind of Pattern
Dimensions of Search Area
Length of Legs
Orientation of Legs
Track Spacing
Direction of First Turn
CSP
Planned On Scene Time
Planned Search Speed (normally 90kts)
Search Object – Characteristics, Color, Size, etc

Determine:

Time to get on Scene
Required endurance – Fuel, Light - to complete the search and RTB with adequate reserves
Available Endurance - How much Time will you have on Scene to search or loiter
 $T = A / S \times V$ or $A = V \times S \times T$
Bingo Time – Time to RTB w/ minimum adequate reserves
Check necessary PPE Safety Gear

Record:

Time Notified
Time Underway to Scene (CSP)
Time on Scene
Time of Significant Sightings
Time Departing Scene
On Scene Weather
Distance to Scene (CSP)
Distance from closest land
Case Number

Report:

When en-route to Search Area
When On Scene
On Scene Weather as it affects the search
Any Significant Sightings
When Search is Completed – Ask for any further tasking before departing Scene
If departing scene before search is completed (due to fuel state or WX) report amount of search completed - # of legs, etc.

While Searching

Maintain hard deck of 500ft AGL
Maintain Situational Awareness
Look out for:
Scattered wreckage, canvas, debris, oil slicks
Signals - Sea Dye Markers, Mirror Flashes, Pyrotechnics, Smoke
Lifeboats, Rafts, People in Water

Remember:

Notify ATC of your Search - Use RESCUE call sign
Squawk 1277 – unless instructed otherwise
90 kts = 1.5 NM per minute
At 90 kts, a Standard Rate Turn (3 deg/sec) has a radius of .50 NM
Monitor 121.5 & CH 16 if able
Any Questions? ASK!

After RTB:

Phone Air Station & Group to give SITREP
Complete 7034 SAR Incident Report
Complete Patrol report and other reports as usual