

Profile #1 – Visual Search Mission Profile

Prerequisites

This profile may only be flown by qualified SAR/DR Mission Pilots.

For A12 missions, sortie duration should not exceed 1.5 hours.

Required Items

Plan for and brief the crew on **one or more** of the visual search missions listed below. Special emphasis should be placed on mission risk assessment, routes to and from the search area, aircraft limitations and operating procedures, and communications procedures.

- Route search
- Parallel track search
- Point-based search
- Creeping line search

- Practice visual search, as planned and briefed
- Review landing procedures with crew members

After the flight:

- Debrief the sortie with the crew
- Ensure that mission accomplishment is properly documented (ref: Introduction)

Routine Items

Enroute to the search area and on return to the airfield, practice the following as time and conditions permit:

- Airwork: Slow Flight, Stalls, Steep turns, Turns around a point
- Simulated in-flight emergency procedures
- Landings: Normal (full flap), Normal (no flap), Short-Field, Soft-Field
 - Simulated forced landing (IAW restrictions on pg. 3 under “Execution”)
 - Go-around
- Approaches: ILS, VOR, GPS (if instrument qualified)