



Water Rescue Response Scenario

Oceanaire Flight 882: Emergency Radio Transmissions



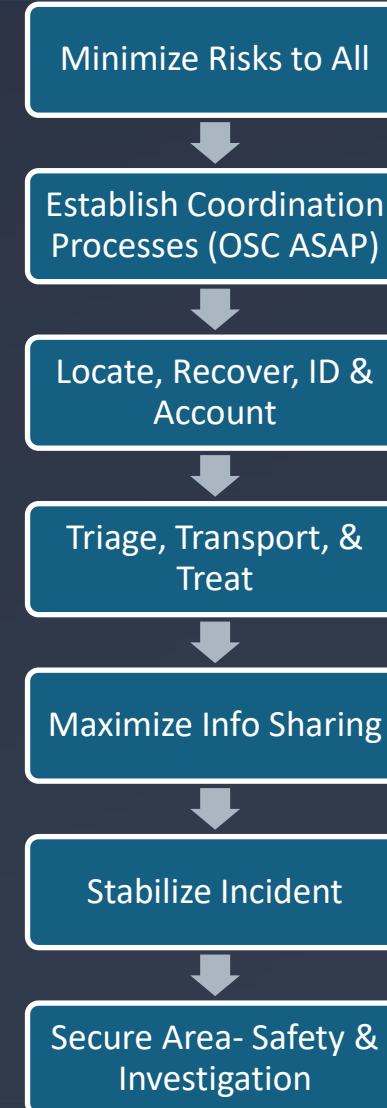
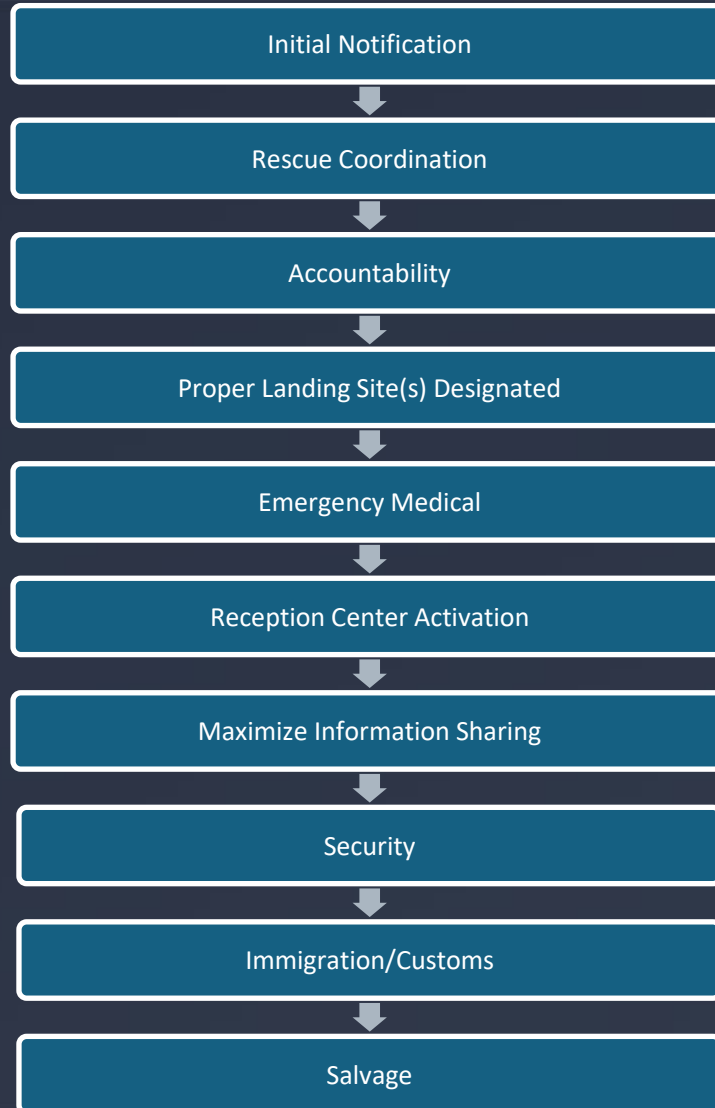
Check-In

MRO Specialist Angel Morales
USCG Sector San Juan



Contact-Info

MRO Key Elements & Objectives



Airplane Profile



FLIGHT MANIFEST: OCEANAIRE 882

DATE: 2024-03-15 | AIRCRAFT: B737-800 | REG: XA-FBR

PASSENGERS

136

ADULTS: 120
CHILDREN: 12
INFANTS: 4

CREW

6

FLIGHT: 2
CABIN: 4

TOTAL PERSONS ON BOARD (POB): 142



Initial Departure (08:12 Local)

PILOT (OCEANAIRE 8-8-2)

"Veracruz Tower, Oceanaire 8-8-2, holding short runway 36, ready for departure."



ATC (VERACRUZ TOWER)

"Oceanaire 8-8-2, Veracruz Tower. Wind 040 at 12 knots. Cleared for takeoff runway 36."



The Emergency (08:14 Local)

PILOT (OCEANAIRE 8-8-2)

"MAYDAY, MAYDAY, MAYDAY! Veracruz Tower, Oceanaire 8-8-2. We just flew through a massive flock of birds. Dual engine failure. We have lost all thrust."



ATC (VERACRUZ TOWER)

"Oceanaire 8-8-2, roger your Mayday. Are you able to return to the airport? Turn right heading 150. Cleared to land any runway."



Bird Strike



Dual engine failure resulting in complete loss of thrust.

Attempting Return (08:15 Local)

PILOT (OCEANAIRE 8-8-2)

"Heading 1-5-0, Oceanaire 8-8-2. Negative, we are losing altitude rapidly. Passing through 1,800 feet. We're not going to make the runway."



ATC (VERACRUZ TOWER)

"Oceanaire 8-8-2, copy. What are your intentions? Emergency vehicles have been dispatched to the field."



Ditching Decision (08:16 Local)

PILOT (OCEANAIRE 8-8-2)

"Veracruz, Oceanaire 8-8-2. We are preparing for a water landing in the bay. Say wind and wave conditions."



ATC (VERACRUZ TOWER)

"Oceanaire 8-8-2, winds 040 at 12, seas reported calm. Armada is being notified. Say souls on board and remaining fuel."



Final Transmission (08:17 Local)

PILOT (OCEANAIRE 8-8-2)

"Souls on board 1-4-2. Three hours of fuel. We are at 500 feet... Brace, brace, brace!"



ATC (VERACRUZ TOWER)

"Oceanaire 8-8-2, radar contact lost 4 nautical miles northeast of the field. Oceanaire 8-8-2, Veracruz Tower, how do you read?"



Search & Rescue Activation (08:18 Local)

ATC (VERACRUZ TOWER)

"Oceanaire 8-8-2, Veracruz. (Silence)... All stations, all stations, this is Veracruz Tower. Aircraft ditching in the Bay of Campeche."



EMERGENCY DISPATCH

"Last known coordinates 19.22 N, 96.12 W. Initiating immediate search and rescue protocols for 142 souls on board."



Divide Into Groups

Choose a Group Leader

Choose a Scribe for the whiteboard/computer

Discuss/Identify:

- ❖ Functions
- ❖ Lead Agency
- ❖ Objectives
 - ❖ Tasks
- ❖ Resources
- ❖ Primary Comms

Prepare Brief

Give Brief

Break-Out Session 1

Functional Area	Lead Agency	Objectives	Tasks & Issues (a,b,c)	Resources Needed	Primary Comms (Type/Freq)	Other / Notes
Water Rescue						
Survivor Rescue						
On-Scene Coordination						
Survivor Accountability						
Safety (Responders & Survivors)						
Comms (Internal & External)						
Public Affairs / PIO						
Landing Site Designation						
On-Water Triage						
Other:						
Other:						

Phase Two



Crash Site



OSC Report

Casualties & Injuries

Fatalities: 12 (Impact trauma and drowning)

Critical Injuries: 15

Minor Injuries: 30

Status of Remaining POB

Unaccounted For: 8 (Search ongoing)

Safely Rescued (Unharmed): 77

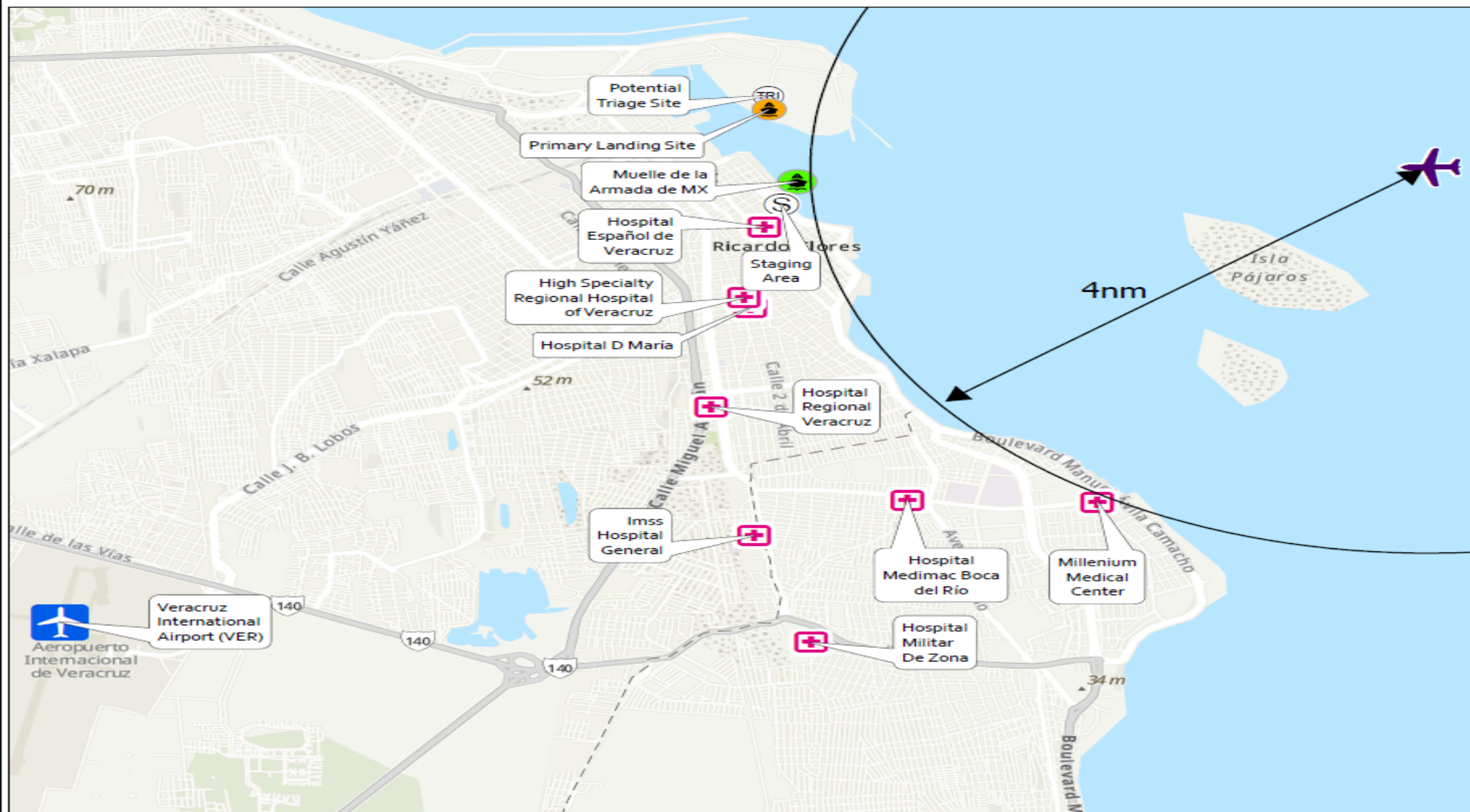
Total POB Verified: 134 / 142

Incident Overview

ICAO NACC SAR Workgroup
Sector San Juan US Coast Guard

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EXERCISE...EXERCISE...EXERCISE...



Data Layer / Map Description:
This map depicts a fictional exercise by Sector San Juan, US Coast Guard.

Critical Infrastructure



Airport



Potential Triage Site



Primary Landing Site



Resource Deployment



Staging Area



Hospital



Crash site

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Data Sources: Google, USCG, ESRI

0 0.5 1 Miles

N



Created in partnership by FEMA



Break-Out Session 2

Functional Area	Lead Agency	Objectives	Tasks & Issues (a,b,c)	Resources Needed	Primary Comms (Type/Freq)	Other / Notes
Land Recovery						
Landing Site Management						
Medical Triage						
Decontamination (Decon)						
Transportation						
Traffic Flow, Safety, Security						
Immigration / Customs						
Mortuary Affairs						
Reception Center Ops						
Comms (Internal & External)						
Other:						
Other:						