

## Immersive Mission Simulators - ESTHEL Range

### Dome version

Ab initio training of hoist operators  
in a crew configuration



Virtual world on dome  
Actual hoist for mechanization  
Real equipment (harness, helmet, NVG)

#### CLIENTS

**French entities:** Navy, Air Force, Gendarmerie, Sécurité Civile, Airbus Helicopters, ...

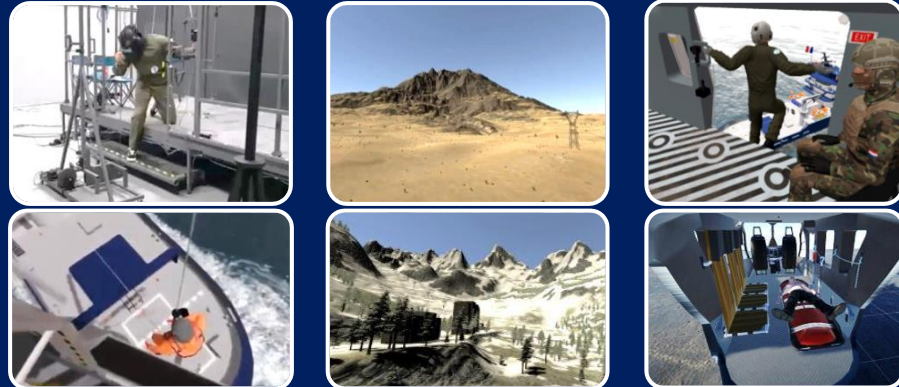
**Foreign entities:** Royal NetherLands AF, Kuwait AF, Royal Saudi AF, KSA Police, ...

Supports



### Virtual Reality (VR) Helmet version

Training for complex missions  
(hoisting + sling + fast roping + shooting + fire fighting)



Physical simulation  
precisely related to  
VR helmet

Various databases  
(sea, mountain, desert,  
arctic, urban)

Different aircrafts  
(NH90, Cougar,  
Chinook, H145, ...)

### Specific medical application

Training of medical teams  
in a flight environment



**Soon available**

Medical gestures operated on a CPR manikin,  
reproduced in real time inside the VR helmet

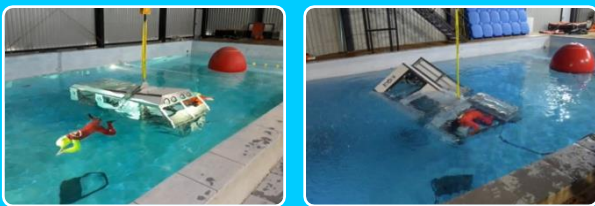
Partners



## Hands-on Trainers

« Sea survival » training in an indoor pool  
(all flight crews)

HUET module - Straight and rotative submersible cabin



Day/night, waves, wind, rain, storm



6m-high winching  
above water/ floating deck

Life raft

Parachute

#### USERS

RNLAF, Saudi Arabia, KAF,  
DGA EV, French Navy,  
Canadair, Babcock, Dassault,  
Airbus Helicopters, ...

Partnership



Financial support



Trainer for airlifted people  
(rescuers, divers, doctors)

SAGOD



Up to 10-m high

Representative  
of a light  
helicopter  
cabin (H145)



Simulation of  
exercises on  
a rock face



Transportable



#### CLIENTS

Sécurité Civile, APHM  
(Emergency Health),  
SAMU, Gendarmerie

Financial support



Partnership

