

HELICOPTER MISSION REQUEST VADE MECUM



DO YOU KNOW HOW TO BEHAVE?



DO YOU KNOW HOW TO BEHAVE?



ESPN-R (former EHEST)



The screenshot shows the EASA website interface. The top navigation bar includes the EASA logo, 'EASA Pro', a search bar, and a video player. The main navigation menu has links for Home, The Agency, Newsroom & Events, Domains, Regulations, Document Library, and Can We Help You?. The 'Domains' section is active, showing a list of domains on the left: Aerodromes, Air Operations, Air Traffic Management, Aircraft & products, Aircrew & Medical, and Civil drones (Unmanned). The main content area is titled 'European Safety Promotion Network Rotorcraft (ESPN-R)' and includes the contact email 'SafetyPromotion@easa.europa.eu'. A description states that the ESPN-R is a mixed industry-authorities team established in January 2017 by the Rotorcraft Sectorial Committee (RSC), now called the Rotorcraft Committee (R.COM). An image of a helicopter is also present.

Activities

The ESPN-R develops, disseminates and evaluates Safety Promotion (SP) material and actions on a voluntary basis in support of the Rotorcraft Community, of EASA and of the industry. The ESPN-R can also contribute to Safety Promotion campaigns.

ESPN-R deliverables are published in the [Rotorcraft | EASA Community](#) and before 2020 on the [EASA Safety Promotion website](#), helicopter section.

Search for “EASA VADE MECUM”

The screenshot shows the EASA Document Library interface. The top navigation bar includes links for Home, The Agency, Newsroom & Events, Domains, Regulations, Document Library, and Can We Help You?. The left sidebar contains a 'Document Library' section with a list of categories: Application Services, Approval Data Library, Rulemaking Process, Agency Decisions, Regulations, Public Consultations, Product Certification, and International Cooperation. Below this is a 'Publications' section with a list of documents: Overview, European Plan for Aviation Safety, Annual Activity Report, Safety Reports, Safety Promotion, and General publications (Newsletter - On Air archive, EASA Brochure). The main content area displays the title 'EHEST Mission Request Vade Mecum Toolkit' with a date of 13 Jun 2017. Below the title, there is a metadata bar showing 'Publication type: Safety Promotion', 'Publication Date: 01/06/2017', 'Safety Promotion Publication Type: Safety Management System (SMS) and Operations', and 'Safety Promotion Product Type: Helicopter'. The main text describes the toolkit's purpose: to help emergency front-line personnel safely deal with helicopters. A 'Downloads' button is visible on the right. At the bottom, there is a 'Downloads' section with a list of documents, including 'EHEST Mission Request Vade Mecum Toolkit', and a 'Translations' section with buttons for DE, ES, FR, IT, TR, and KO.

Document Library

- Application Services
- Approval Data Library
- Rulemaking Process
- Agency Decisions
- Regulations
- Public Consultations
- Product Certification
- International Cooperation

Publications

- Overview
- European Plan for Aviation Safety
- Annual Activity Report
- Safety Reports
- Safety Promotion
- General publications
 - Newsletter - On Air archive
 - EASA Brochure

EHEST Mission Request Vade Mecum Toolkit

13 Jun 2017

Publication type: [Safety Promotion](#) | Publication Date: 01/06/2017 | Safety Promotion Publication Type: [Safety Management System \(SMS\) and Operations](#) | Safety Promotion Product Type: [Helicopter](#)

The Mission Request Vade Mecum has been developed to help emergency front-line personnel to safely deal with helicopters. Policemen, firefighters, ambulances, and all the personnel who may be involved in requesting and handling a helicopter mission will benefit from the tool. A comprehensive document explains what information should be given to the helicopter pilot and describes how to set up the landing area. Together with the emergency dispatch centre they can go through the R.O.M.A. checklist in order to quickly check all the required information and safety provisions. Finally, a ready-to-use Mission Request presentation can be tailored by the training organisation in order to spread the operational and safety knowledge to the front-line personnel.

[Downloads](#)

Downloads

EHEST Mission Request Vade Mecum Toolkit

Translations:

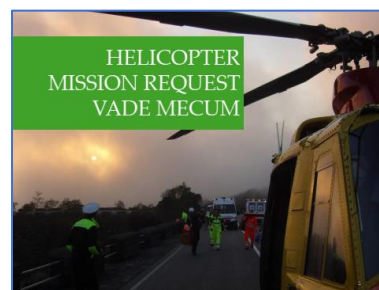
DE ES FR IT TR KO



Vade mecum



Presentation



Checklist

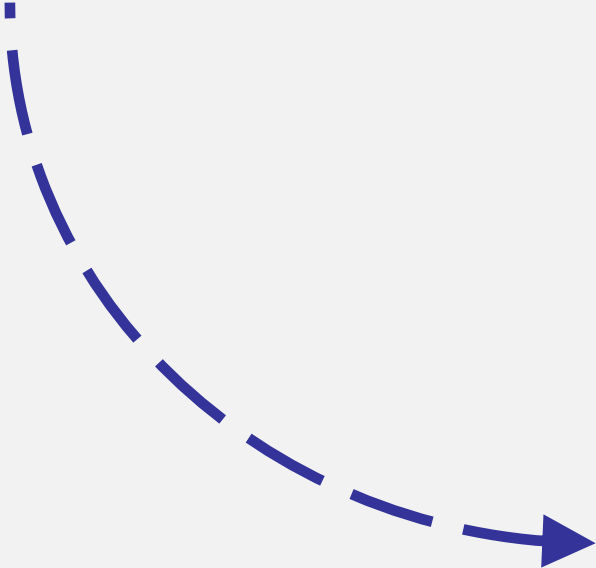
HELICOPTER MISSION REQUEST CHECKLIST - R.D.M.A. EHEST	
R Request - type of mission - priority position	
a) emergency medical service	
b) transport of patient/transport (specific equipment/ambulance)	
c) transport of patient/transport (specific equipment/ambulance)	
d) transport of patient/transport (specific equipment/ambulance)	
e) transport of patient/transport (specific equipment/ambulance)	
f) transport of patient/transport (specific equipment/ambulance)	
g) transport of patient/transport (specific equipment/ambulance)	
h) transport of patient/transport (specific equipment/ambulance)	
i) transport of patient/transport (specific equipment/ambulance)	
j) transport of patient/transport (specific equipment/ambulance)	
k) transport of patient/transport (specific equipment/ambulance)	
l) transport of patient/transport (specific equipment/ambulance)	
m) transport of patient/transport (specific equipment/ambulance)	
n) transport of patient/transport (specific equipment/ambulance)	
o) transport of patient/transport (specific equipment/ambulance)	
p) transport of patient/transport (specific equipment/ambulance)	
q) transport of patient/transport (specific equipment/ambulance)	
r) transport of patient/transport (specific equipment/ambulance)	
s) transport of patient/transport (specific equipment/ambulance)	
t) transport of patient/transport (specific equipment/ambulance)	
u) transport of patient/transport (specific equipment/ambulance)	
v) transport of patient/transport (specific equipment/ambulance)	
w) transport of patient/transport (specific equipment/ambulance)	
x) transport of patient/transport (specific equipment/ambulance)	
y) transport of patient/transport (specific equipment/ambulance)	
z) transport of patient/transport (specific equipment/ambulance)	
O Obstacles - early obstacles to the mission	
a) weather conditions	
b) terrain conditions	
c) visibility conditions	
d) communication conditions	
e) other conditions	
M Meteorological - report meteorological conditions	
a) temperature	
b) humidity	
c) wind speed	
d) wind direction	
e) cloud cover	
f) other meteorological conditions	
A Area - report area conditions	
a) location	
b) terrain	
c) visibility	
d) communication	
e) other area conditions	
Other - report other information	
a) name of the patient	
b) name of the patient	
c) name of the patient	
d) name of the patient	
e) name of the patient	
f) name of the patient	
g) name of the patient	
h) name of the patient	
i) name of the patient	
j) name of the patient	
k) name of the patient	
l) name of the patient	
m) name of the patient	
n) name of the patient	
o) name of the patient	
p) name of the patient	
q) name of the patient	
r) name of the patient	
s) name of the patient	
t) name of the patient	
u) name of the patient	
v) name of the patient	
w) name of the patient	
x) name of the patient	
y) name of the patient	
z) name of the patient	

MISSION REQUEST TOOLKIT

EXTRACT FROM THE PRESENTATION

Today's topics

MISSION REQUEST



- Typical scenario
- Request a mission
- Identifying the area
- Prepare the landing area
- Receiving the helicopter
- Helicopter on ground
- What pilots see
- The R.O.M.A. checklist

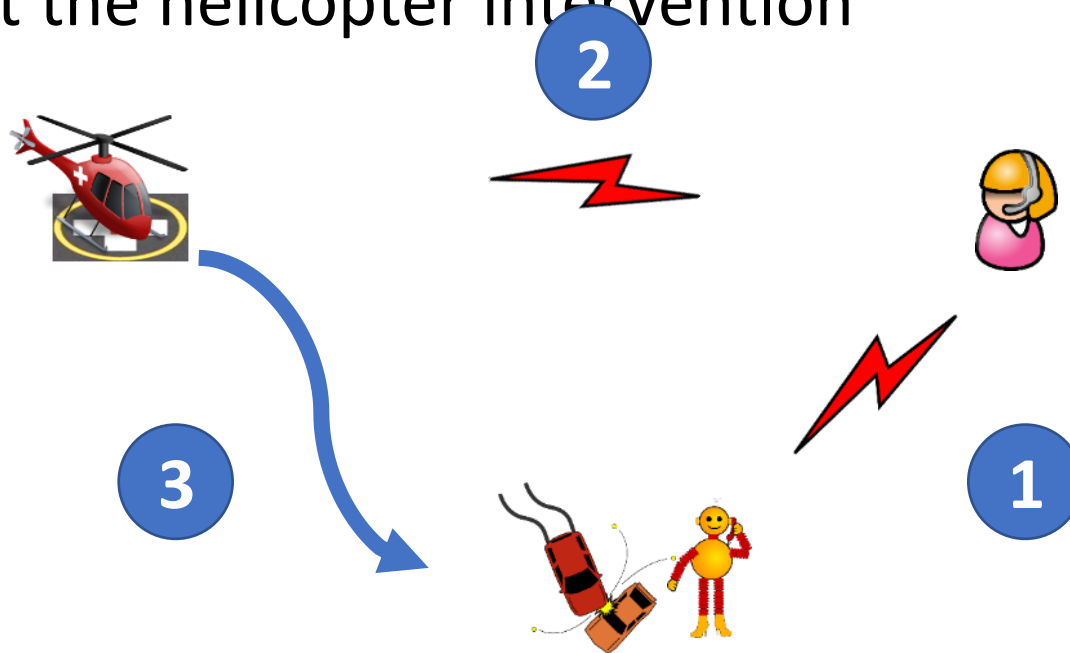


TYPICAL SCENARIO

TYPICAL SCENARIO

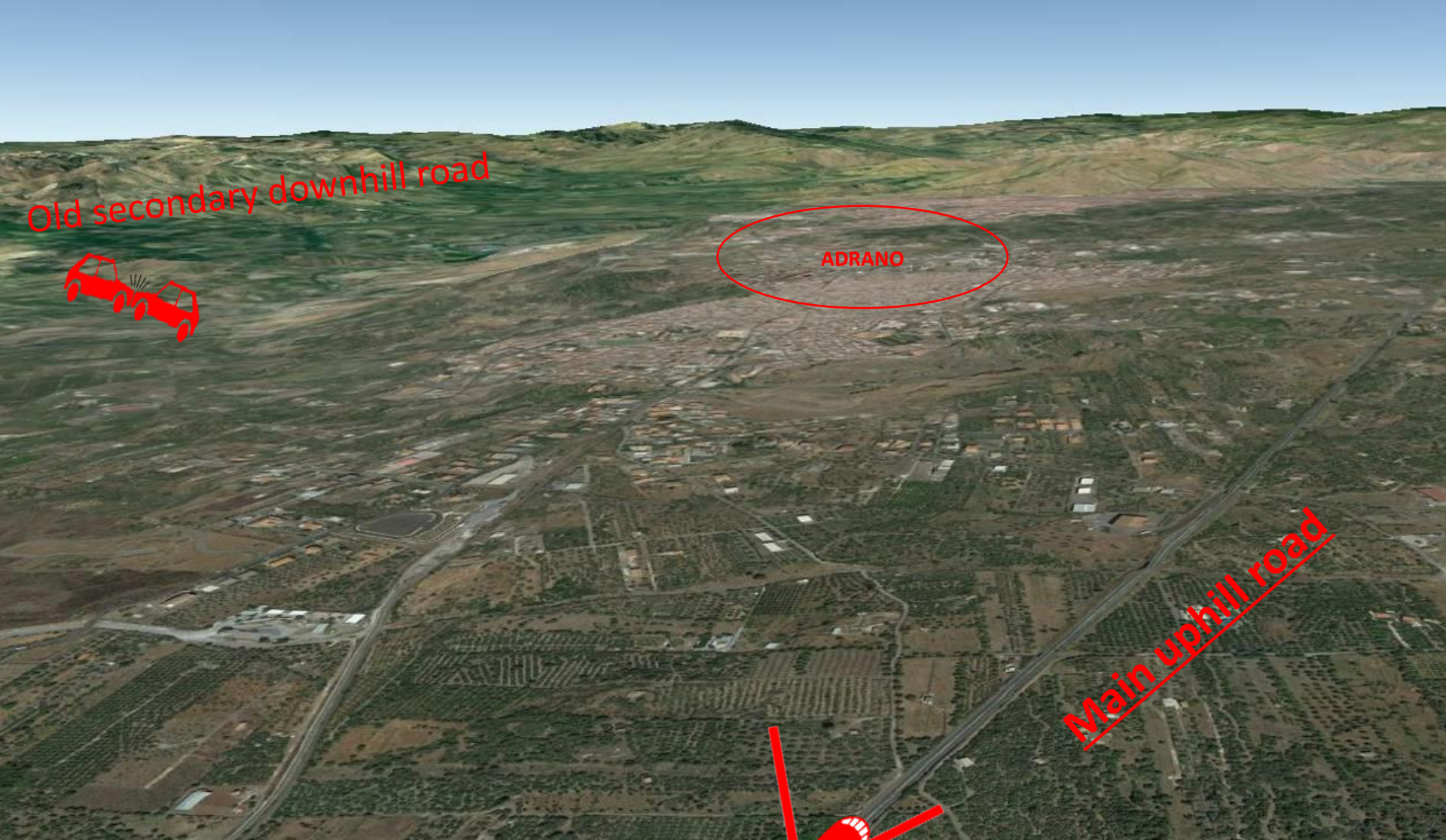
HELICOPTER INVOLVEMENT

- If deemed appropriate, the dispatch centre will request the helicopter intervention





MISSION REQUEST



Old secondary downhill road



Main uphill road



Pilot perspective



AREA IDENTIFICATION

We are
here!



REPORT
YOUR POSITION

Accident site:

37° 37' 47.20" N 14° 49' 54.86" E

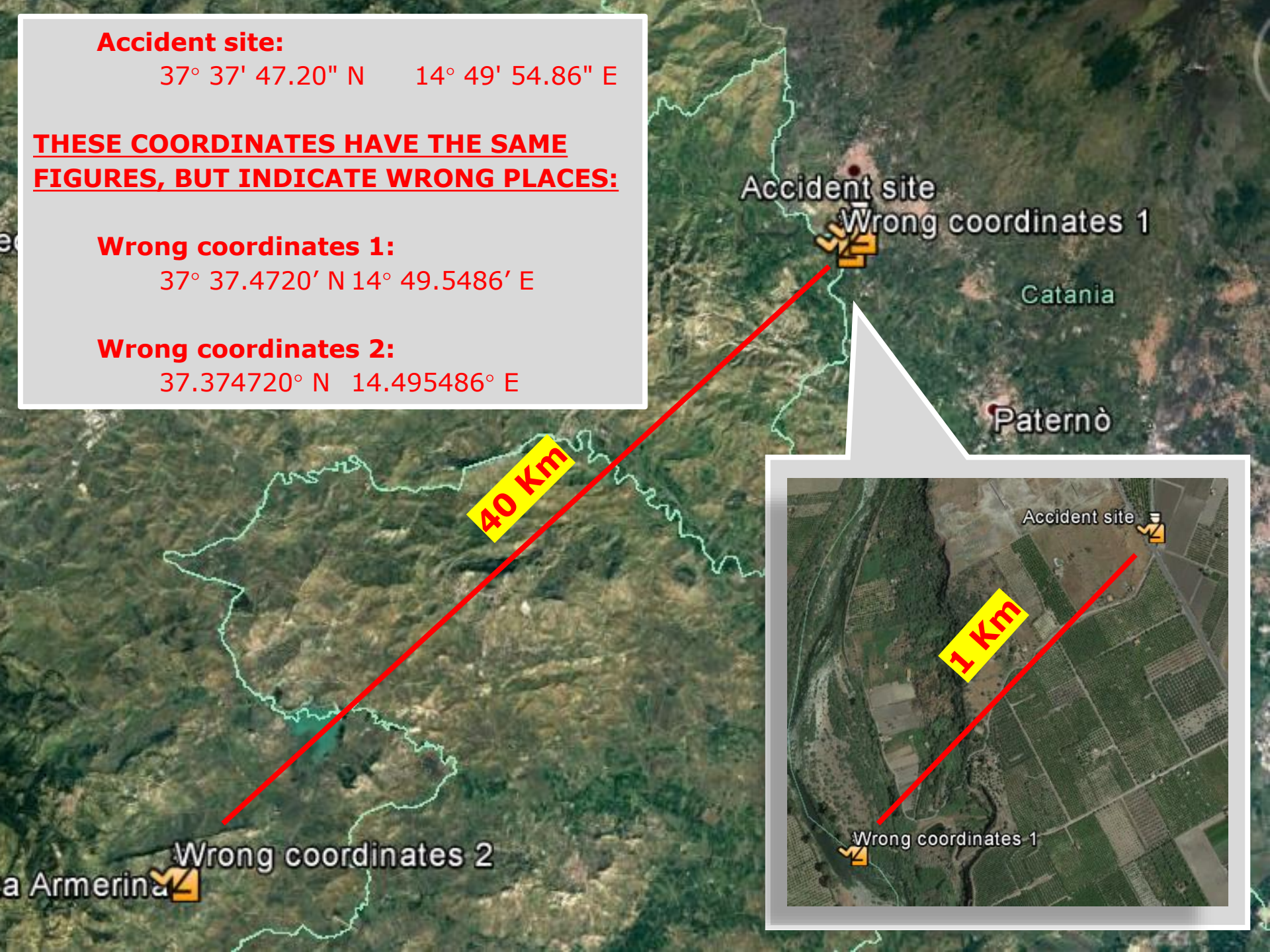
**THESE COORDINATES HAVE THE SAME
FIGURES, BUT INDICATE WRONG PLACES:**

Wrong coordinates 1:

37° 37.4720' N 14° 49.5486' E

Wrong coordinates 2:

37.374720° N 14.495486° E



Some possible references...

N, E, S, W
of the city

Bridge

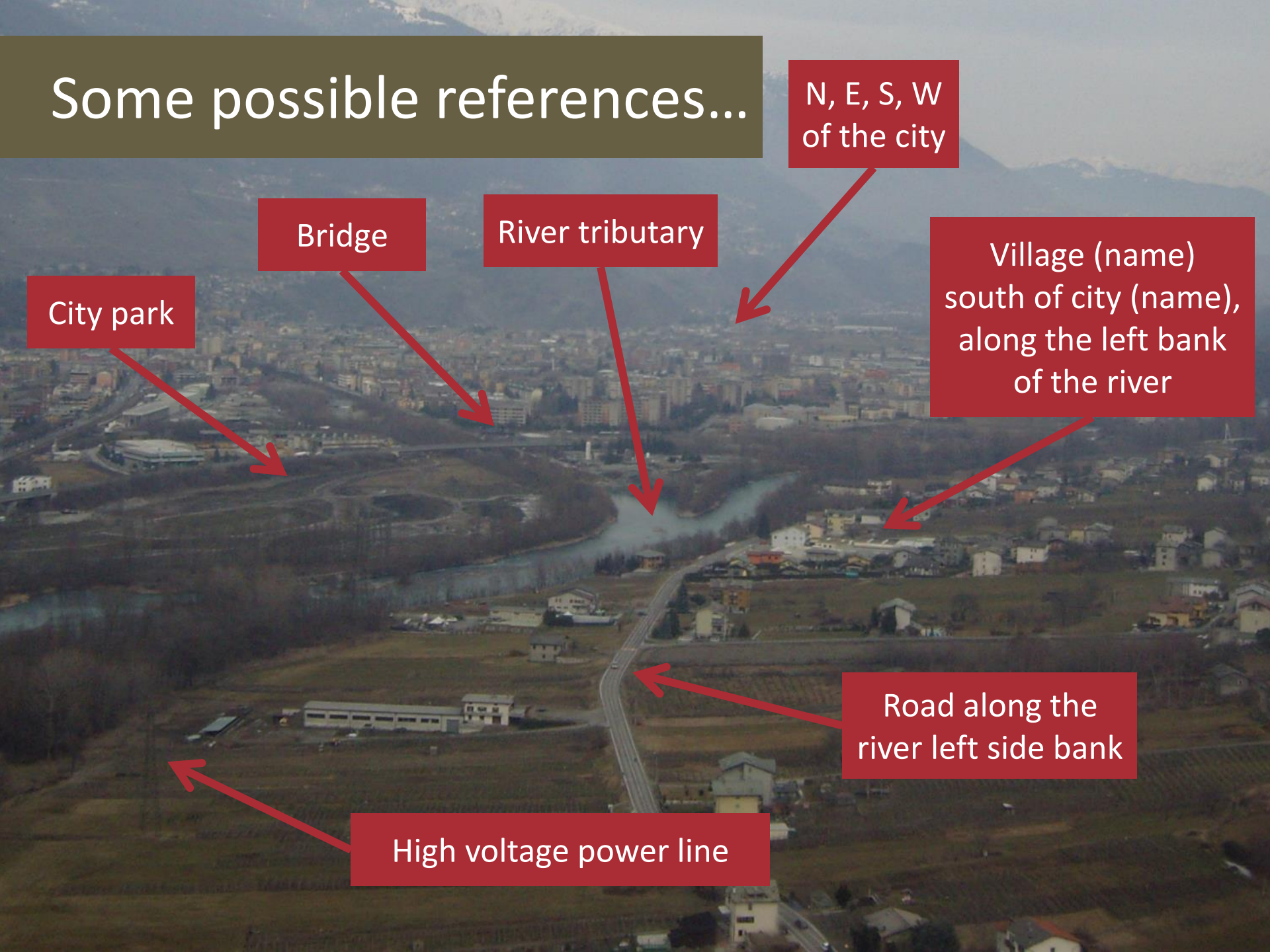
River tributary

City park

Village (name)
south of city (name),
along the left bank
of the river

Road along the
river left side bank

High voltage power line





I can see clouds just above the light pole...



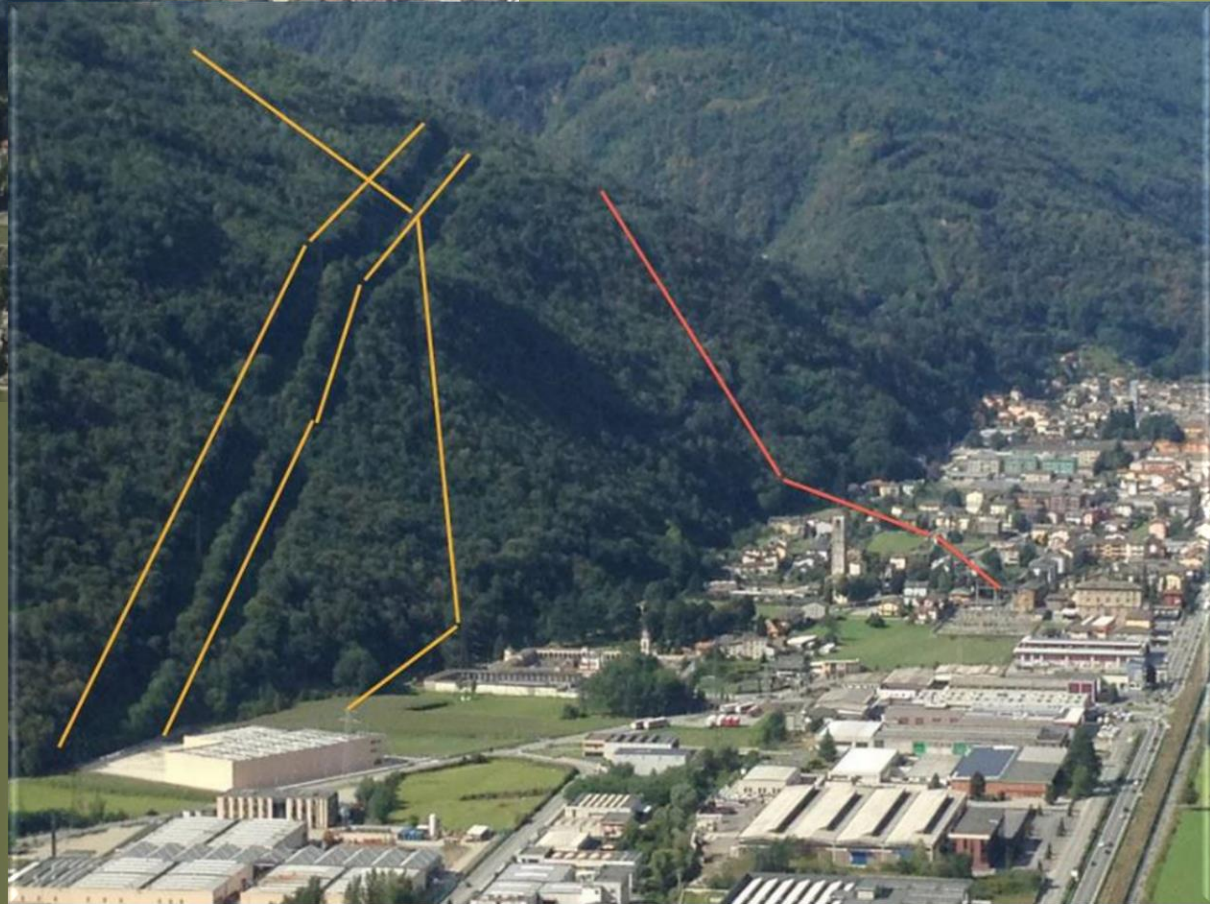
I can see clouds just below the mountain peaks...



I can see clouds above mountain peaks...

Power lines can
be invisible!...

...report them!



A wide-angle photograph of a snowy mountain landscape. In the foreground, a vast, smooth expanse of white snow stretches across the frame. In the middle ground, a small, dark figure of a person is visible, standing on the snow. In the background, a range of snow-covered mountains is visible under a clear blue sky. On the left side, a small structure and a ski lift are visible on a slope. A red rectangular box is overlaid on the lower-left portion of the image, containing white text.

PREPARE THE
LANDING AREA



STOP THE TRAFFIC
in both directions

Keep vehicles and
motorbikes at least
100 m away





Ward off pets, cattle,
wild animals and birds

A wide-angle photograph of a snowy mountain landscape. In the foreground, a vast, smooth expanse of white snow stretches across the frame. In the middle ground, a small, dark figure of a person is visible, standing on the snow. In the background, a range of snow-covered mountains is visible under a clear blue sky. On the left side, a small structure and a ski lift pole are visible on a slope. A large red rectangular box is overlaid on the left side of the image, containing white text.

RECEIVING THE HELICOPTER

Use handhold flares (preferable)



Use the vehicle flashing lights,
but, remember...

**vehicles under bridges or high
vegetation are difficult to see
from the air**





“LAND HERE...”

RECEIVING THE HELICOPTER

Lose material can be dangerous
for the helicopter and for the nearby persons





If you are giving
indications over a
snowed surface...



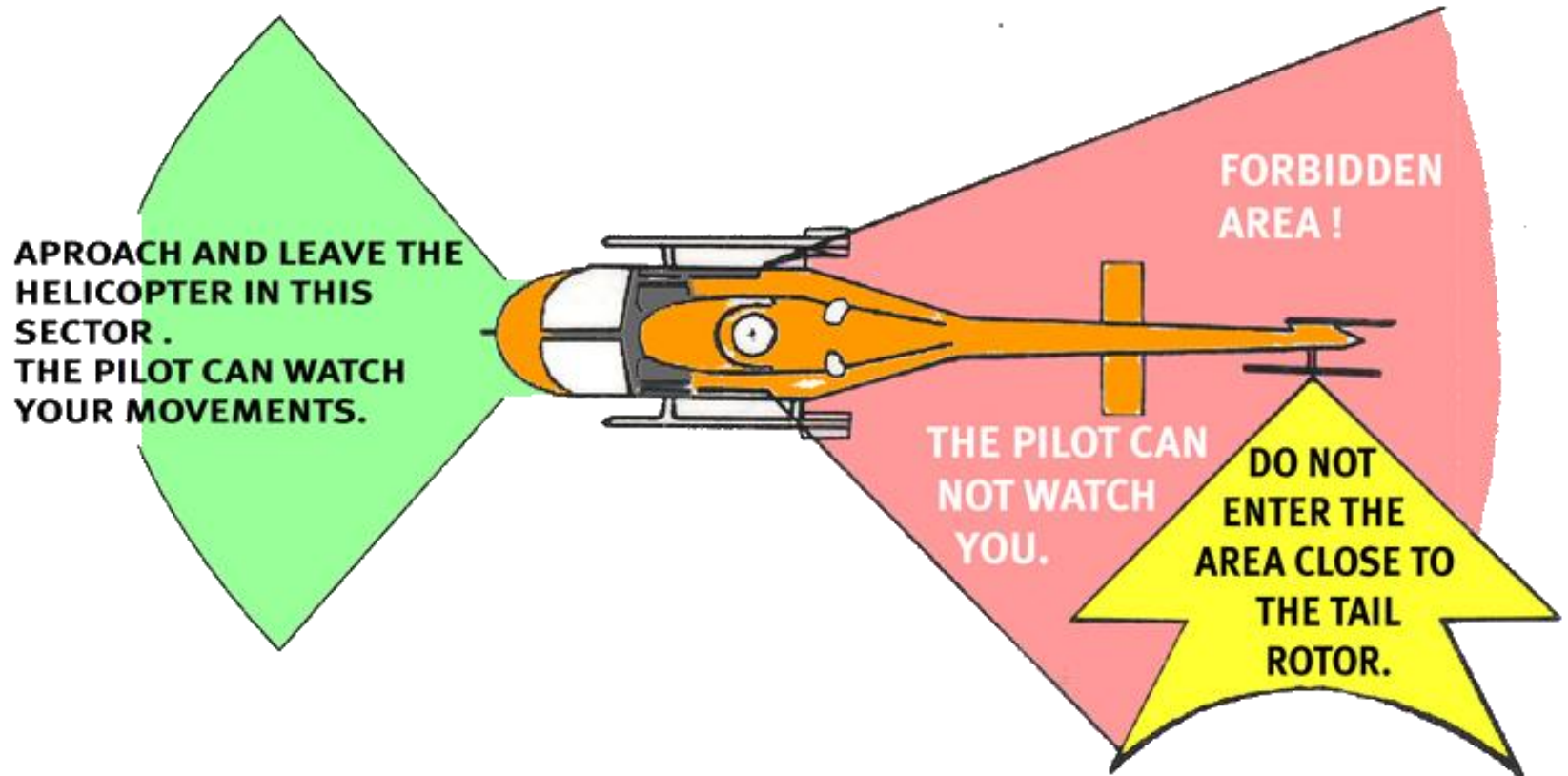


MIND YOUR HAT!

A wide-angle photograph of a snowy mountain landscape. In the foreground, a vast, smooth expanse of white snow stretches across the frame. In the middle ground, a small, dark figure of a person is visible, standing on the snow. In the background, a range of snow-covered mountains is visible under a clear blue sky. On the left side, a small structure and a ski lift are visible on a slope. A red rectangular box is overlaid on the lower-left portion of the image, containing white text.

HELICOPTER ON GROUND

HELICOPTER ON GROUND



DANGER



DANGER



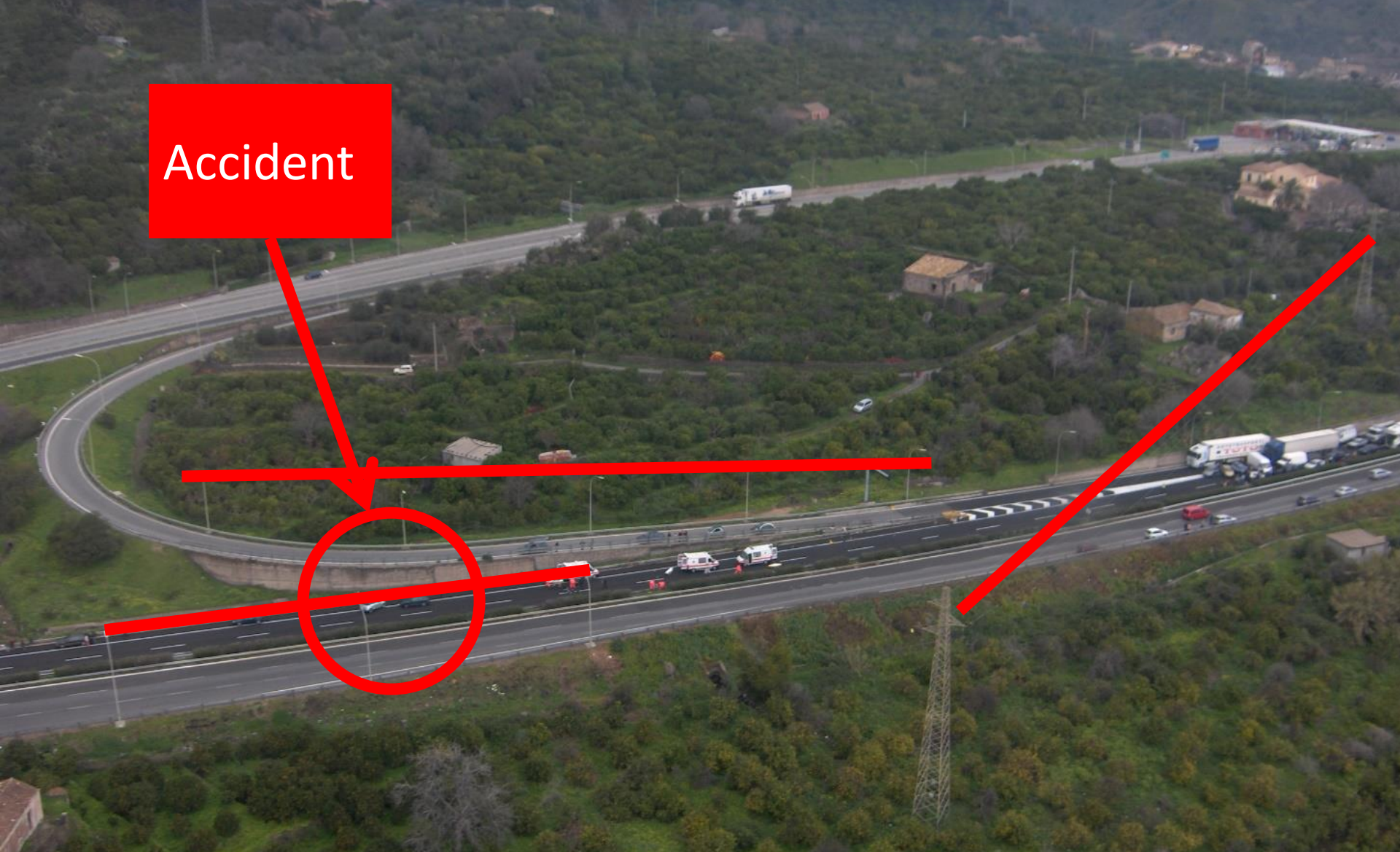
DANGER



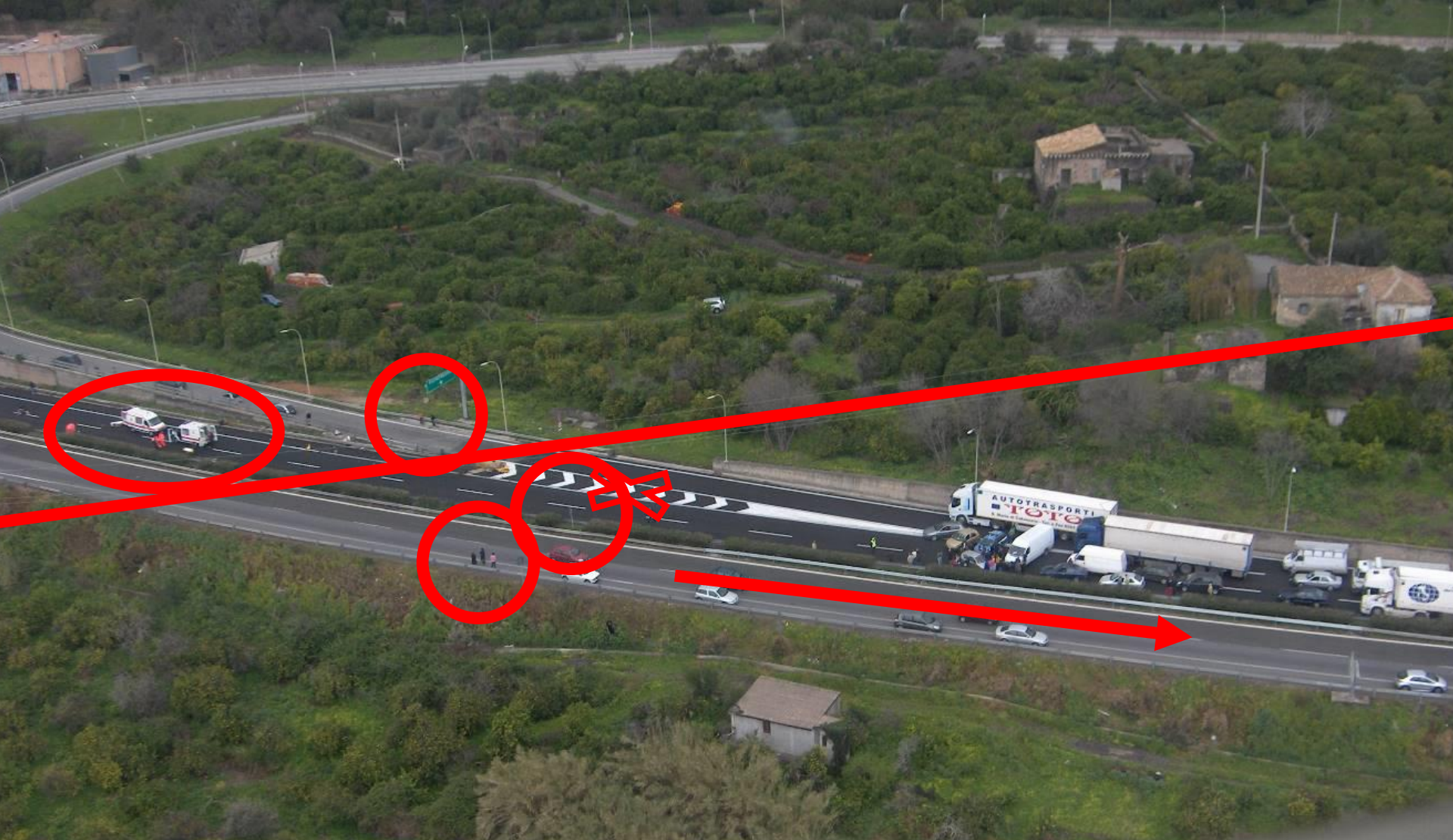
A wide-angle photograph of a snowy mountain landscape. In the foreground, a vast, smooth expanse of white snow stretches across the frame. In the middle ground, a small, dark figure of a person is visible, standing on the snow. In the background, a range of snow-covered mountains is visible under a clear blue sky. On the left side of the image, a small structure and a ski lift pole are visible on a snowy ridge. A red rectangular box is overlaid on the lower-left portion of the image, containing white text.

WHAT PILOTS
SEE

Accident



LIGHT POLES: problems for landing and take-off



- front and back doors open free

TRAFFIC IN OPPOSITE WAY: not stopped

- tree sneets on stretchers

ALTERNATE LANDING SITES

- Slopped surface
- Trees and bushes
- Obstacles
- Traffic





DID YOU SPOT ALL THESE ELEMENTS?

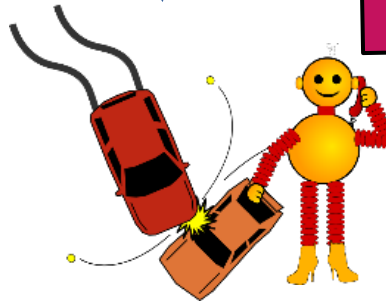
The background of the slide is a photograph of the Colosseum in Rome at night. The structure is illuminated from within, with warm yellow light glowing through the arches of the three visible tiers. The sky above is a deep, clear blue. The text 'THE R.O.M.A. CHECKLIST' is overlaid on the right side of the image in a large, white, sans-serif font.

THE R.O.M.A. CHECKLIST

Dispatch centre passes information to pilot

[illegible]

Helicopter
flies faster
and safer
to the
emergency
site



R **Request** "Type of mission - specify location"

Age of mission

☐ Emerging technical mission
☐ Transfer of personnel (local/ specific equipment) destination?
☐ Transfer of goods (equipment) (logistics) (transfer) (transport) (equipment)
☐ Transferring of personnel (local/ specific equipment) destination?
☐ Transfer of goods (equipment) (logistics) (transfer) (transport) (equipment)

Reason
 Reason (technical) (local/ specific equipment) (logistics) (transfer) (transport) (equipment)

Justify
 Justify (technical) (local/ specific equipment) (logistics) (transfer) (transport) (equipment)

Justify (technical) (local/ specific equipment) (logistics) (transfer) (transport) (equipment)

O **Obstacles** "Specify obstacles in the way"

Reason (technical) (local/ specific equipment) (logistics) (transfer) (transport) (equipment)
 Reason (technical) (local/ specific equipment) (logistics) (transfer) (transport) (equipment)
 Reason (technical) (local/ specific equipment) (logistics) (transfer) (transport) (equipment)
 Reason (technical) (local/ specific equipment) (logistics) (transfer) (transport) (equipment)

M **Metereological** "Specify weather conditions"

Visibility (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20)
 Clouds (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20)
 Precipitation (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20)
 Wind (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20)

A **Area** "Specify area of interest"

Location (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20)
 Location (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20)
 Location (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20)
 Location (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20)

Other "Specify other information"

Reason (technical) (local/ specific equipment) (logistics) (transfer) (transport) (equipment)
 Reason (technical) (local/ specific equipment) (logistics) (transfer) (transport) (equipment)
 Reason (technical) (local/ specific equipment) (logistics) (transfer) (transport) (equipment)

Helicopter Mission

Dispatch centre and on-site personnel exchange information

On-site personnel
verify and prepare
the landing site

R. – Request

Pass all the important information

O. – Obstacles

Verify and report the potentially dangerous obstacles

M. – Meteorological

Report the metrological conditions in the area

A. – Area preparation

Prepare the area and verify safety

HELICOPTER MISSION REQUEST CHECKLIST - R.O.M.A.

R Request – Type of mission – Specify position				
Type of mission				
a) Emergency Medical Service?	<input type="checkbox"/>			
b) Transport of personnel (number? specific equipment? destination?)	<input type="checkbox"/>			
c) Transport of goods (typology? Dangerous? Weight? Dimension? packaging?)	<input type="checkbox"/>			
d) Firefighting (where? other aircraft/vehicles/personnel in the area?)	<input type="checkbox"/>			
e) Rescue (helicopter fitted with winch? is it required?)	<input type="checkbox"/>			
Position				
County: _____	Town, road: _____			
GPS coordinates (verify lat/long units):				
Degrees, Minutes, Seconds	N _____° _____' _____" E _____° _____' _____"			
Degrees, Minutes, fraction of Minutes	N _____° _____' _____ E _____° _____' _____			
O Obstacles – Verify obstacles in the landing area				
Type of obstacle	Existence	Actions or Communications		
Power lines, pylons, antennas	<input type="checkbox"/> no <input type="checkbox"/> yes	Report distance from landing point		
Funicular, lifts, cables	<input type="checkbox"/> no <input type="checkbox"/> yes	Warn the funicular/cable manager		
Drones, other flying objects	<input type="checkbox"/> no <input type="checkbox"/> yes	No drones. Inform if other aircrafts. Radio freq.		
Animals, birds (e.g. seagulls)	<input type="checkbox"/> no <input type="checkbox"/> yes	Ward off birds. Pay attention to cows, horses, etc.		
M Meteorological – Report meteorological conditions				
Visibility	<input type="checkbox"/> Good (> 5 km)	<input type="checkbox"/> Marginal (2 – 5 km)	<input type="checkbox"/> Lower than 2 km	
Wind	<input type="checkbox"/> Light	<input type="checkbox"/> Moderate	<input type="checkbox"/> Strong or gusting	
Conditions	<input type="checkbox"/> Cloudy, overcast	<input type="checkbox"/> Rain	<input type="checkbox"/> Thundershower	
Mountain tops	<input type="checkbox"/> Visible	<input type="checkbox"/> Not visible	<input type="checkbox"/> Patches of fog	
Phenomena	<input type="checkbox"/> Hail	<input type="checkbox"/> Sand storm	<input type="checkbox"/> Tornado	
A Area – Prepare area - Safety				
Type of area	<input type="checkbox"/> Prepared (helipad, heliport)	<input type="checkbox"/> Unprepared	<input type="checkbox"/> Elevated helipad	
	<input type="checkbox"/> Road	<input type="checkbox"/> Highway (traffic stopped?)		
	<input type="checkbox"/> Sports field (Guardian advised? Gates opened? Lights on?)			
	<input type="checkbox"/> Ground, grass field	<input type="checkbox"/> Beach	<input type="checkbox"/> Mountain	
	<input type="checkbox"/> Flooded	<input type="checkbox"/> Ski run or snowed surface		
	<input type="checkbox"/> Other: _____			
Lights (at night)	<input type="checkbox"/> Not available	<input type="checkbox"/> Available:	<input type="checkbox"/> Removable lights <input type="checkbox"/> Fixed spot lights	
Surface	<input type="checkbox"/> Flat	<input type="checkbox"/> Sloped	<input type="checkbox"/> Hilly <input type="checkbox"/> Mountain	
Personnel in the area	Name	tel. number	Radio freq./Ch.	Band
Firefighters				
Medical				
Police				
Other – Supplementary information				
Planned stops?	<input type="checkbox"/> no <input type="checkbox"/> yes	Where? _____		
Persons to be embarked?	No.: _____	Total weight: _____	Where? _____	
Passengers tel. No. (at least one):	_____			
Goods:	Type: _____	Total weight: _____	Dimensions: _____	



QUESTIONS?