

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. At the top, there is a blue header with the EASA logo, 'EASA Pro', a search bar, and a video player for 'Jazz24 Online Player'. Below the header is a navigation menu with links for Home, The Agency, Newsroom & Events, Domains, Regulations, Document Library, and Can We Help You?. The main content area features a breadcrumb trail: Home / Domains / Safety Management & Promotion / Safety Promotion / European Safety Promotion Network Rotorcraft (ESPN-R). A left sidebar titled 'Domains' lists various categories like Aerodromes, Air Operations, Air Traffic Management, Aircraft & products, Aircrew & Medical, and Civil drones (Unmanned). The main heading is 'European Safety Promotion Network Rotorcraft (ESPN-R)' in green. Below it, the 'Point of contact' is listed as SafetyPromotion@easa.europa.eu. A paragraph describes the ESPN-R as 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 red helicopter flying over a snowy mountain peak is shown to the right.

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 displays 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 features a 'Document Library' section with a search icon and 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 items: 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 is titled 'EHEST Mission Request Vade Mecum Toolkit' with a date of 13 Jun 2017. It includes metadata: 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 for emergency personnel. A 'Downloads' button is visible on the right. Below the main text is a 'Downloads' section with a download icon and a list of translations: DE, ES, FR, IT, TR, KO.

Document Library

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

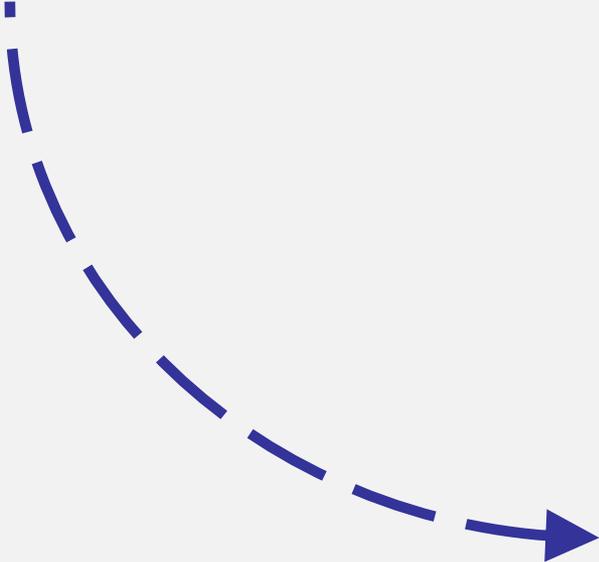
Translations:

[DE](#) [ES](#) [FR](#) [IT](#) [TR](#) [KO](#)

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

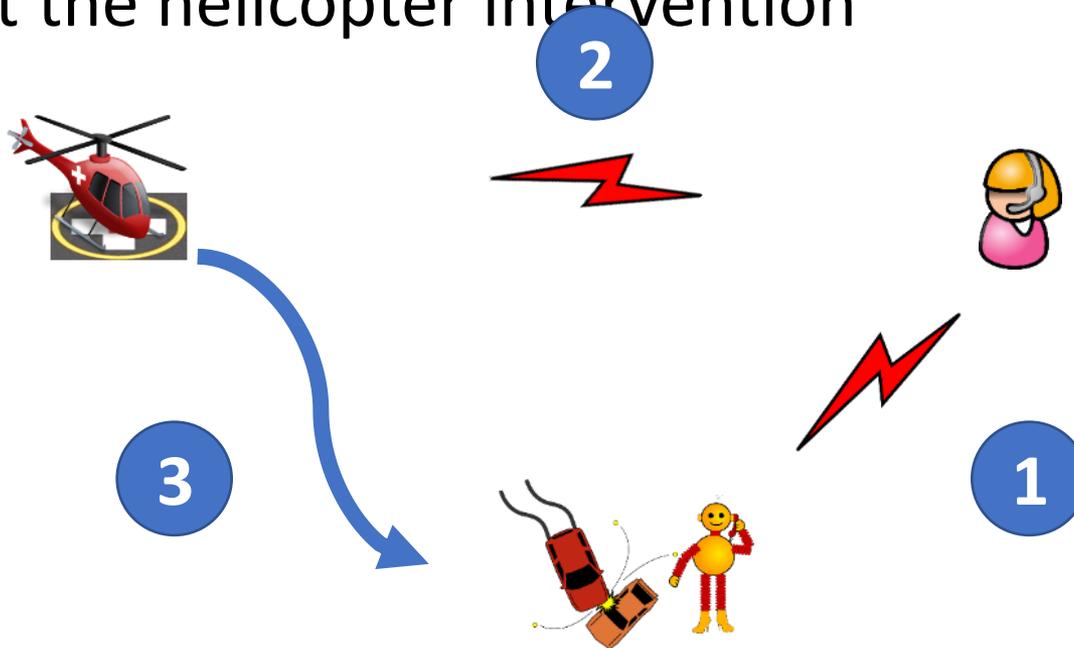


TYPICAL SCENARIO

TYPICAL SCENARIO

HELICOPTER INVOLVEMENT

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





MISSION REQUEST

Old secondary downhill road



ADRANO

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



Accident site

Wrong coordinates 1

Catania

Paternò

40 Km

Wrong coordinates 2

Armerina

Accident site

1 Km

Wrong coordinates 1

Some possible references...

N, E, S, W
of the city

Bridge

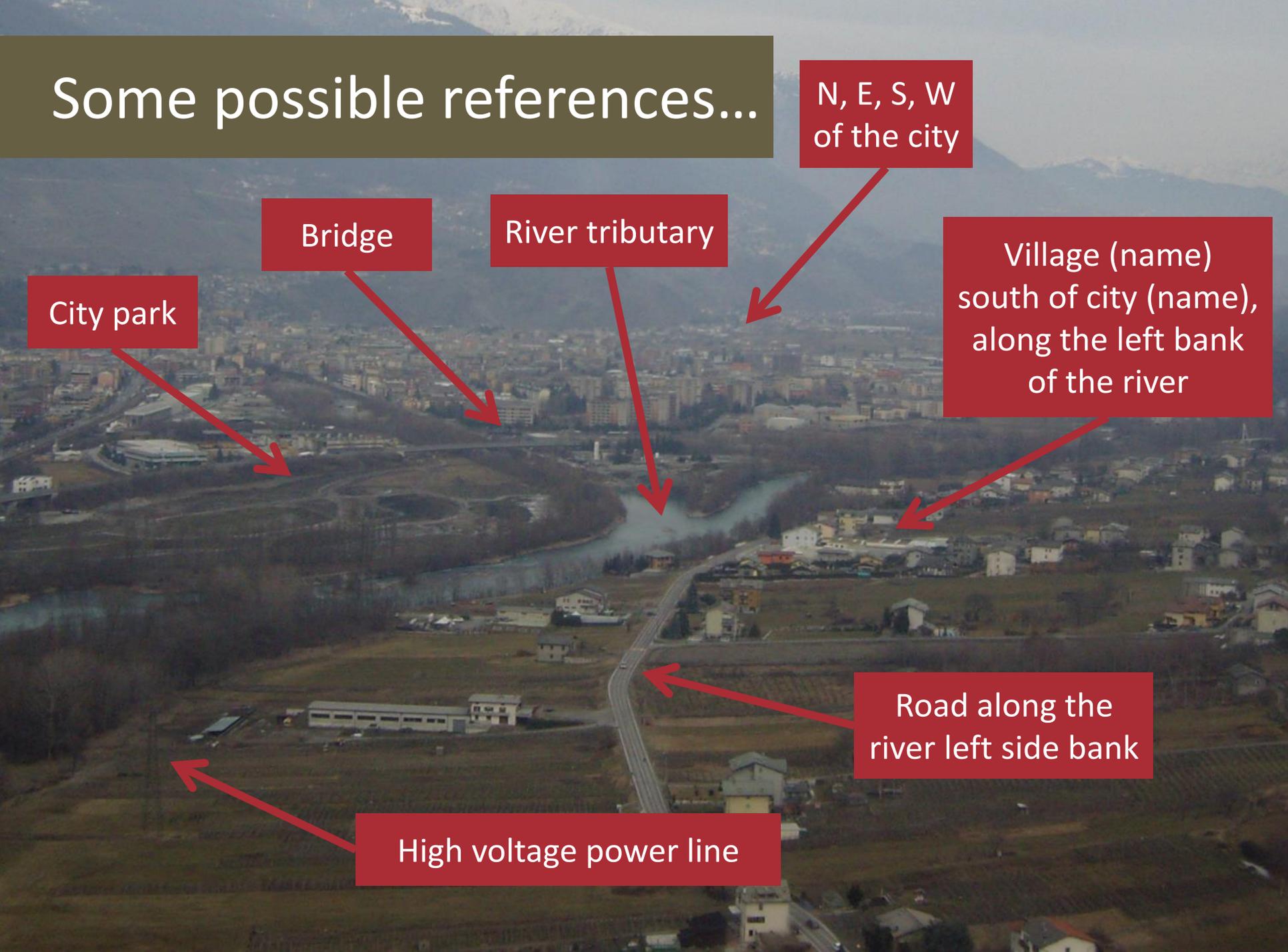
River tributary

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

City park

Road along the
river left side bank

High voltage power line





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

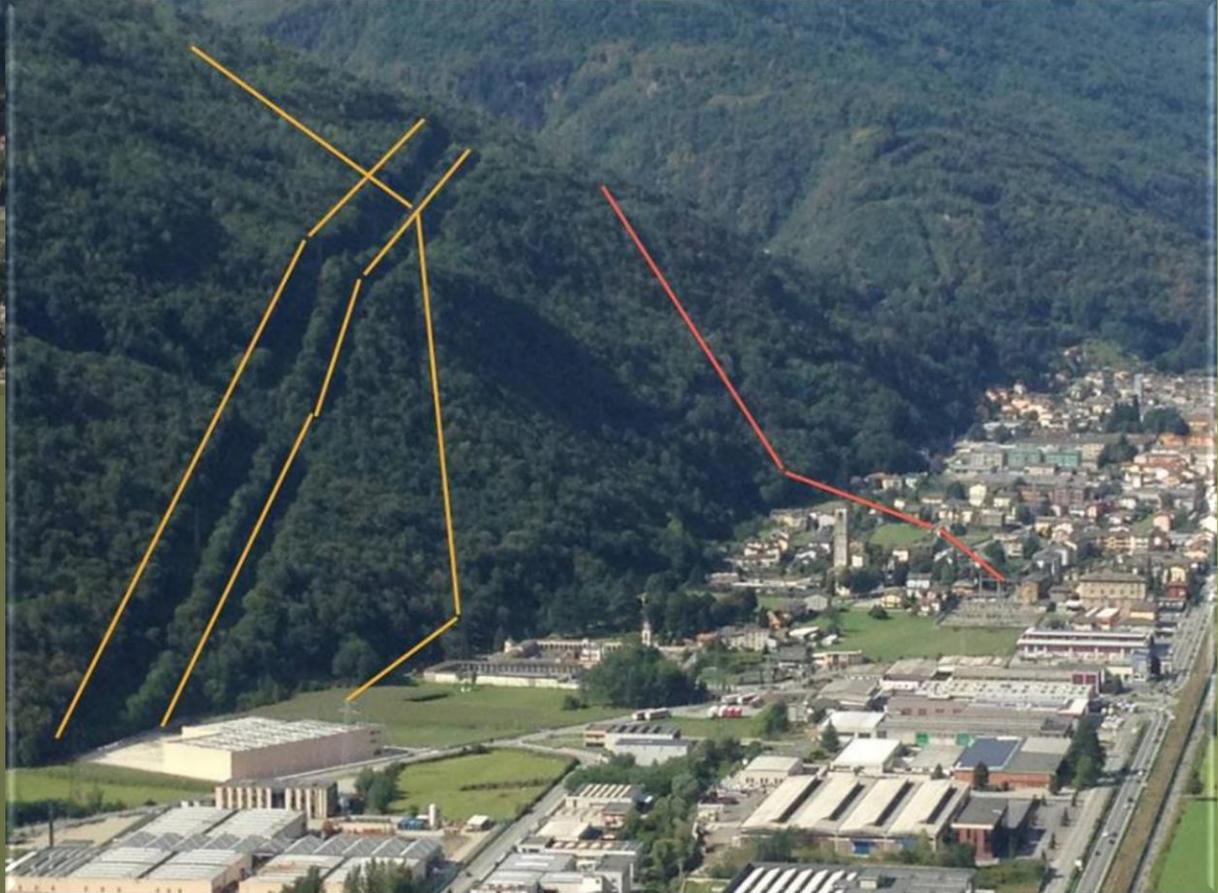


I can see clouds just below the mountain peaks...



I can see clouds above mountain peaks...

Power lines can
be *invisible!*...



...report them!



**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



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...

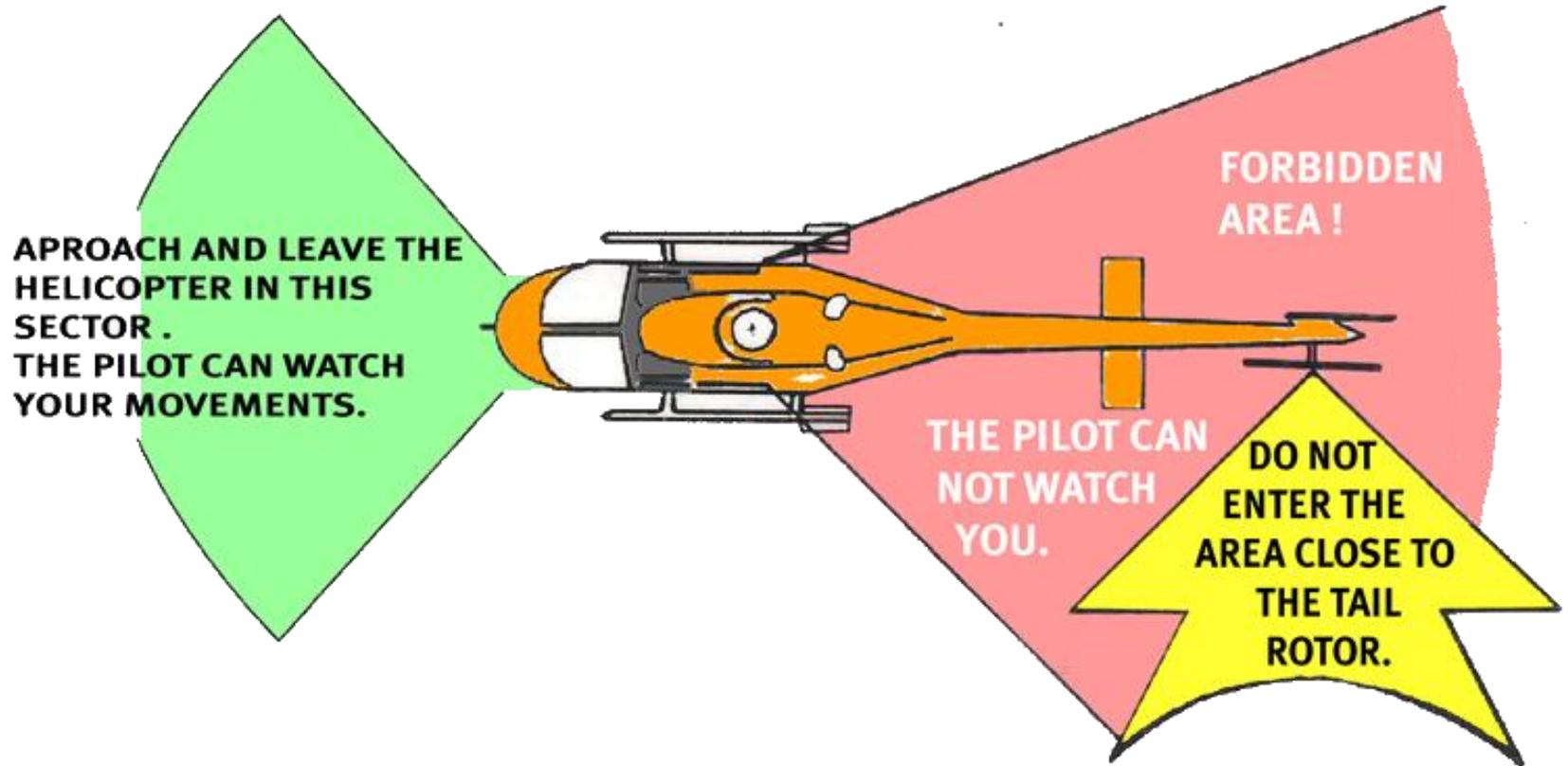


MIND YOUR HAT!

A wide-angle photograph of a snowy mountain landscape. The sky is a deep, clear blue with some light, wispy clouds. In the distance, a range of snow-covered mountains is visible. On the left side, a small structure and a ski lift tower are perched on a ridge. In the lower right foreground, a small figure of a person is visible on the snow. A large red rectangle is overlaid on the bottom left corner, containing white text.

HELICOPTER ON GROUND

HELICOPTER ON GROUND



DANGER



DANGER



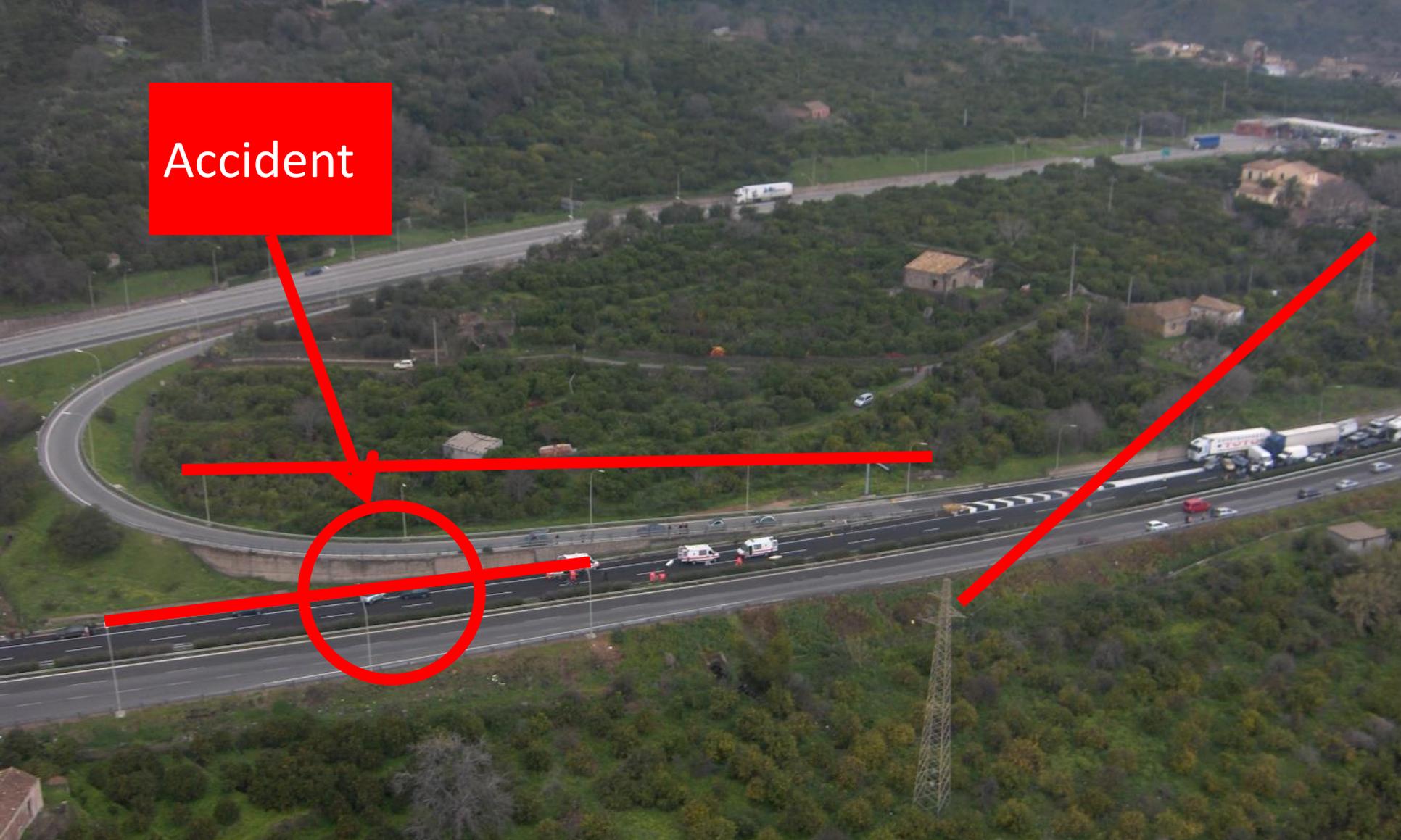
DANGER



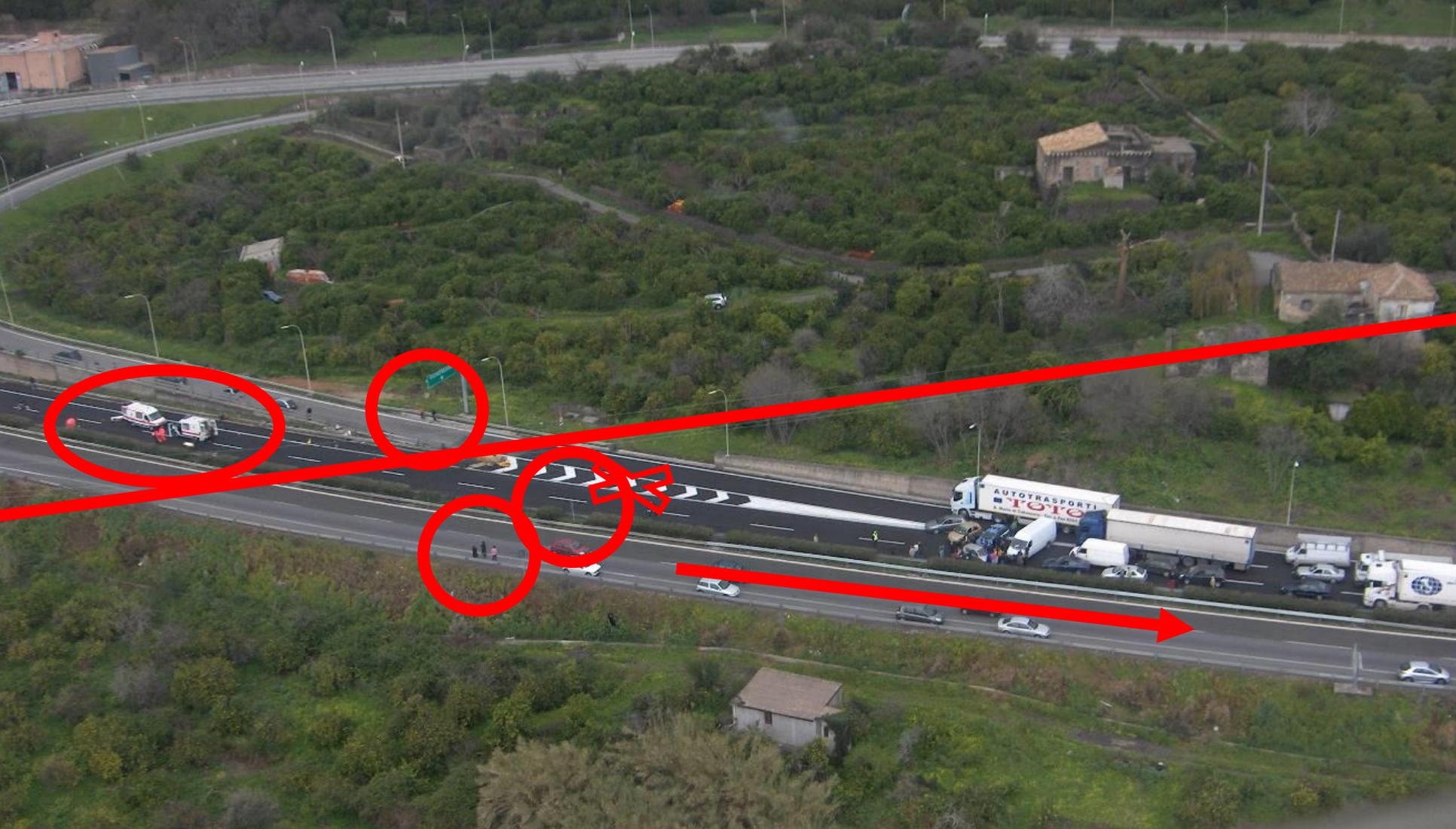


WHAT PILOTS
SEE

Accident



LIGHT POLES: problems for landing and take-off



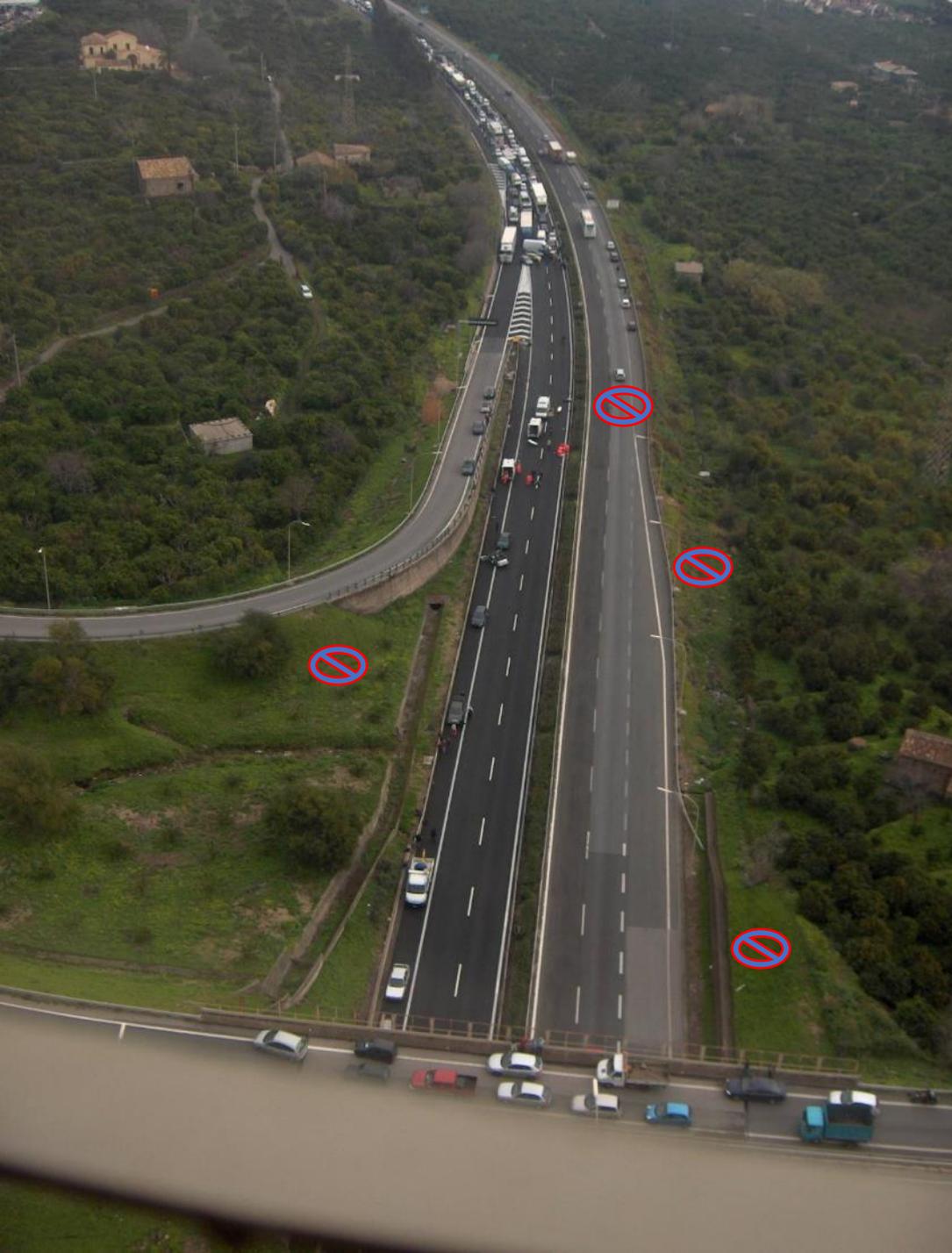
- front and back doors open free

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 R.O.M.A. CHECKLIST

R. – Request

Pass all the important information

O. – Obstacles

Verify and report the potentially dangerous obstacles

M. – Meteorological

Report the meteorological conditions in the area

A. – Area preparation

Prepare the area and verify safety

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



QUESTIONS?