

**2023 – ICAR TOBLACH**



**AIRCOM**

**PRACTICAL DAY WORKSHOP 1**





ICAR

SÜDTIROL  
ITALY 2023



## ***For Groupe France:***

 ***For the last 66 years we have been pushing helicopter mountain rescue missions to go further***

 ***Technologies are part of our job and of our lives ...  
... an endless growing part !***



# ***PRACTICAL DAY AIRCOM WORKSHOP***



## ***PRACTICAL DAY WORKSHOP 1***

***« ICAR expectations regarding popping up of new technologies based tools »***



# 2023 – ICAR TOBLACH



*77 delegates / 3 workgroups*

**WG 1:**

**« technology and rotor disk visualisation »**

**WG 2 and 3:**

**« tracking and localizing prior to rescuing »**



# WG 1

## « technology and rotor disk visualisation »



### WG survey:

☞ Rotor strike occurrences:

100 % have faced it !

☞ OPS limitations ?

Quite poor !

☞ SOPs ?

Seems to be ok



## WG 1

# « technology and rotor disk visualisation »



**Ex (France):**

**Rotor strikes: 50 % horizontal / 50 % vertical**

**BEAE recommandations:**

- 👉 Find a techno based solution**
- 👉 Manage SOPs and training**



## WG 1

# « technology and rotor disk visualisation »



WG noticed:

👉 *Find a techno based solution*

**Poor top management engagement but  
« magic » solution**

👉 *Manage SOPs and training*

**Need top management to engage  
not magic enough...**



# WG 1

## « *technology and rotor disk visualisation* »



**WG stated:**

**☞ Technologie must be:**

- adapted
- head up concept
- 100 % reliable

**☞ Manage SOPs and training**

*Is the first strong step to mamage safety.*



## « *Tracking and localizing prior to rescuing* »

*Key points:*

***➤ Collaboration with manufacturers***

***➤ Proper use of techno based tools***



## « *Tracking and localizing prior to rescuing* »

***Collaboration with manufacturers***  
*(WS 2 based on actual example of cooperation)*

***☞ CAN be initiated by:***

- rescue services***
- manufactures...they are more than open on that !***



## « *Tracking and localizing prior to rescuing* »

***WS 2 stated:***

*Techno tools need to provide rescue sce with*  
**« CONTEXTUAL INFORMATIONS »**

*(related to the outdoor activity of the person  
to rescue)*



# « *Tracking and localizing prior to rescuing* »

***WS 2 stated:***

*All rescuers in charge of alert and mission management*

***SHOULD be informed about the use of new techno systems.***



## « *Tracking and localizing prior to rescuing* »

### *Proper use of tracking and localizing tools*

- 👉 based on OPS feedback*
- 👉 freedom vs SAR missions*
- 👉 Even if not in ICAR's tasks public information is a key issue.*



***AIRCOM practical day WS needs your feedback to go further...***

***We need your questions and suggestions.***

***Thanks for your support !***