



# IKAR-Arbeitstagung 2001

Zermatt

ICAR-Air Rescue Commission – working meeting 2001

## Fachkommission Flugrettung

### Ergebnisbericht der Arbeitstagung Minutes of meeting

vom 09.05. – 11.05.2001 in Zermatt / Schweiz

done by:

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(Translation by Gilbert Habringer)

#### 1 Programm

Wednesday, 9<sup>th</sup> of May: Arrival and welcome.

Thursday, 10<sup>th</sup> of May: working outdoor

Friday, 11<sup>th</sup> of May: working sessions of the commission.

There have been present 34 delegates from 10 nations (Andorra, Austria, Croatia, Czech Republik, France, Germany, Italy, Norway, Slovenia and Switzerland). We could welcome representatives from Air Zermatt, Air Glacier, REGA, Augusta, Eurocopter France, Rescue Association of Wallis, Zermatt Tourism Association, The press and Swiss TV.

#### 2 Working outdoor 10<sup>th</sup> of May

The commission was divided into 3 groups and shuttled by 3 helicopters to the „Gorner-canyon“ nearby west of Zermatt. Bruno Jelk and his crew would demonstrate the teamwork with an A109K2 helicopter of REGA in various techniques to rescue victims in this difficult terrain.

REGA would show the hoisting of one and two people, extend the standard hoisting cable with a special equipment, the rescue of people which are still attached to the wall and their ropes. Members of the commission could actively participate in this demonstrations.

The demonstrated hoist-extension technique is an additional advantage for deep canyon rescuing because the helicopter can hover in a safe position, high above the scene and the rescuer can actively rappel down into the canyon to the site.

All pilots of the commission had the opportunity to test-fly the brand-new helicopter EC 130 B4 with Eurocopter test-pilot Didier Desalles in very high terrain, up to 14000 ft! This was amazing, how well this new machine performs!

A team of Zermatt mountain-guides was leading each member through the „Gornercanyon“, always safety-belted to the lines. A very panoramic experience – while rescue demonstrations would occur out of the same canyon, done by REGA.





### **3 Working session of the commission**

Accidents and incidents since our last meeting:

- accident in Andorra, collision with a cable known! Reason is unclear (report Albert Babot)
- accident South-Tirol: collision with high-tension line after job done! (report Alberto Tomaselli)
- accident South Tirol: white – out during landing in snow. (report Alberto Tomaselli)
- accident Austria: white-out and over-roll in Ischgl/A. (report Gilbert Habringer)
- accident Czech Republik: loss of tail-rotor inflight! (report Jindrich Nemeč)

The accidents were discussed in extend after these accident-reports. The Swiss colleagues report about their obstacle maps and reporting system. Also about a new program, which is called „REMOVE“, to get rid of unused cables with no costs for the owners. Swiss Military and Swiss Alpine Club do help!

Crew resource management was discussed and pointed out, that NLA of Norway works already with a very good system.

### **PRESENTATION TOPICS**

- Dia-display of the Wallis rescue association Zermatt
- Power-point presentation by Eurocopter of the new models EC 145 and EC 130 , technical data and performance, configuration details, answer to questions. (Mr. Marx)
- Education-film of France Gendarmerie for high-altitude training. (Mr. Jean Louvet)
- Education-film of Sécurité Civile France about introduction of danger around helicopters .
- Presentation „Training-Seminar CRM of Deutsche Luftwaffe“ . (Heinz Erber)
- Original Video of „Bruno Jelks broken karabiner“ during a filming job done for RTL.
- Dia-display about an avalanche, which came during a crevasse –rescue mission done by REGA.

### **ESTABLISHMENT FOR THE MAKARSKA/CROATIA MEETING**

4<sup>th</sup> to 6<sup>th</sup> of October 2001

- Report of each delegate about the crew composition, (HEMS-crew composition)
- Crew Resource Management (how do you deal with this?)
- SOP (bring your SOP`s for mission and training) Target: ICAR – standard ?
- HEMS crew member education (bring your guidelines) Target: ICAR- standard?
- NVG (planned introduction by specialist of REGA)
- „HELLAS“ Active cable dedection - and warning system by laser technology.
- Planned: joint session with ICAR terrestrial commission to discuss common problems, wishes and complaints.