

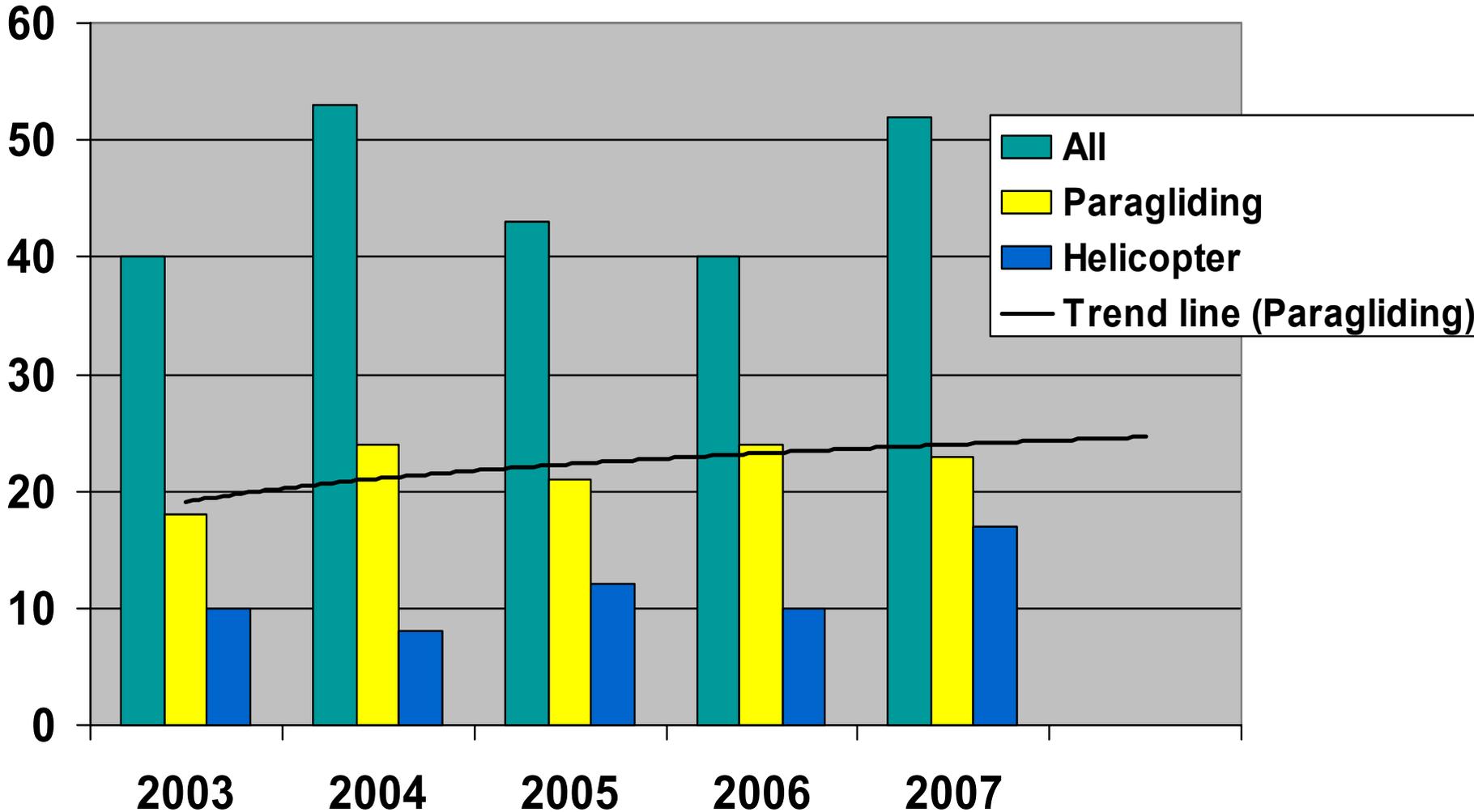
Problems of paragliders' rescuing

IKAR 2007

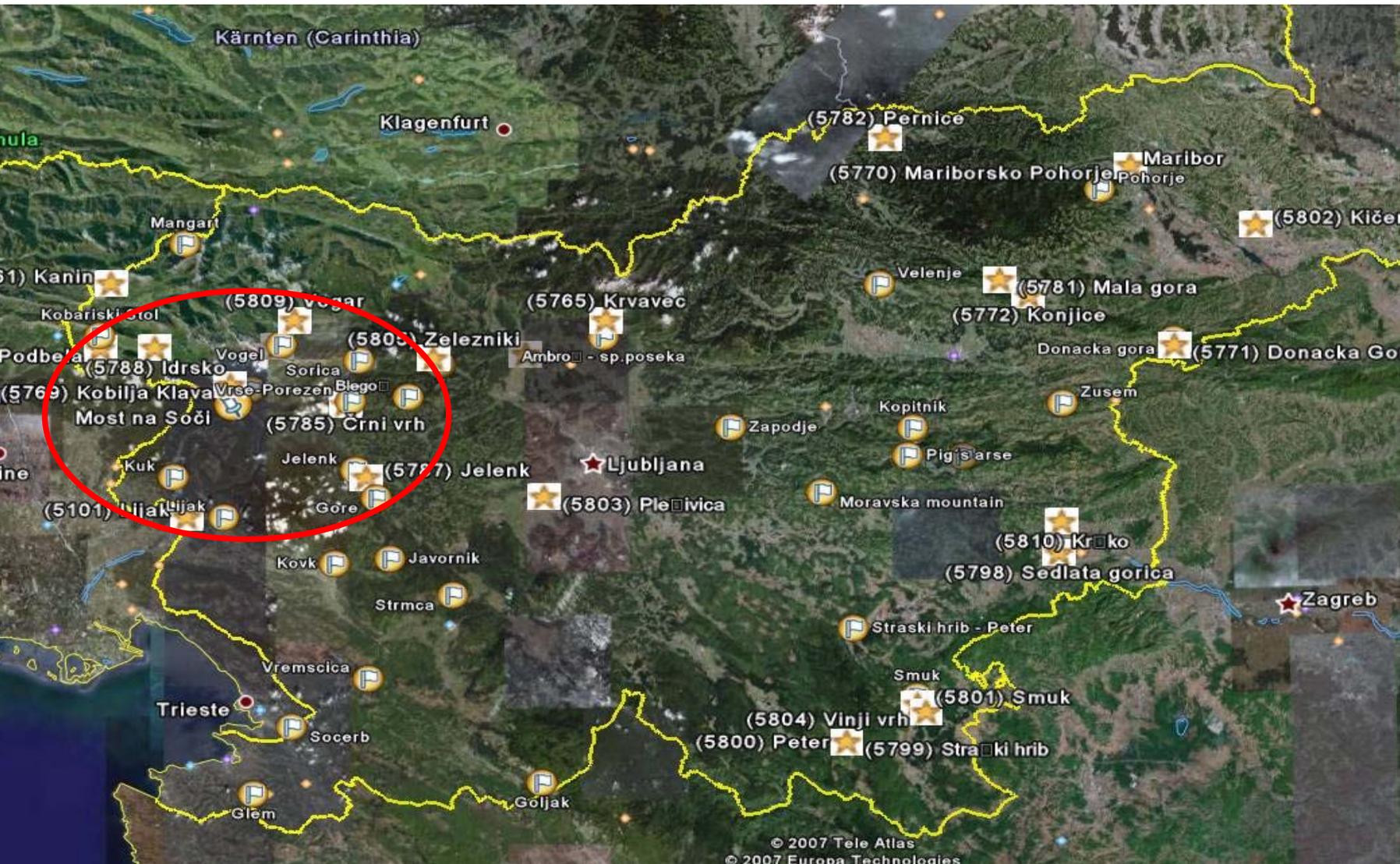
GRZ Slovenia, Simon Čopi



Statistics of accidents



Takeoffs in Slovenia



Soča valley



Characteristics of this area

Flying up to 2,900 meters asl, which means around 1,000m above the ground

Flying along 130 km long ridge

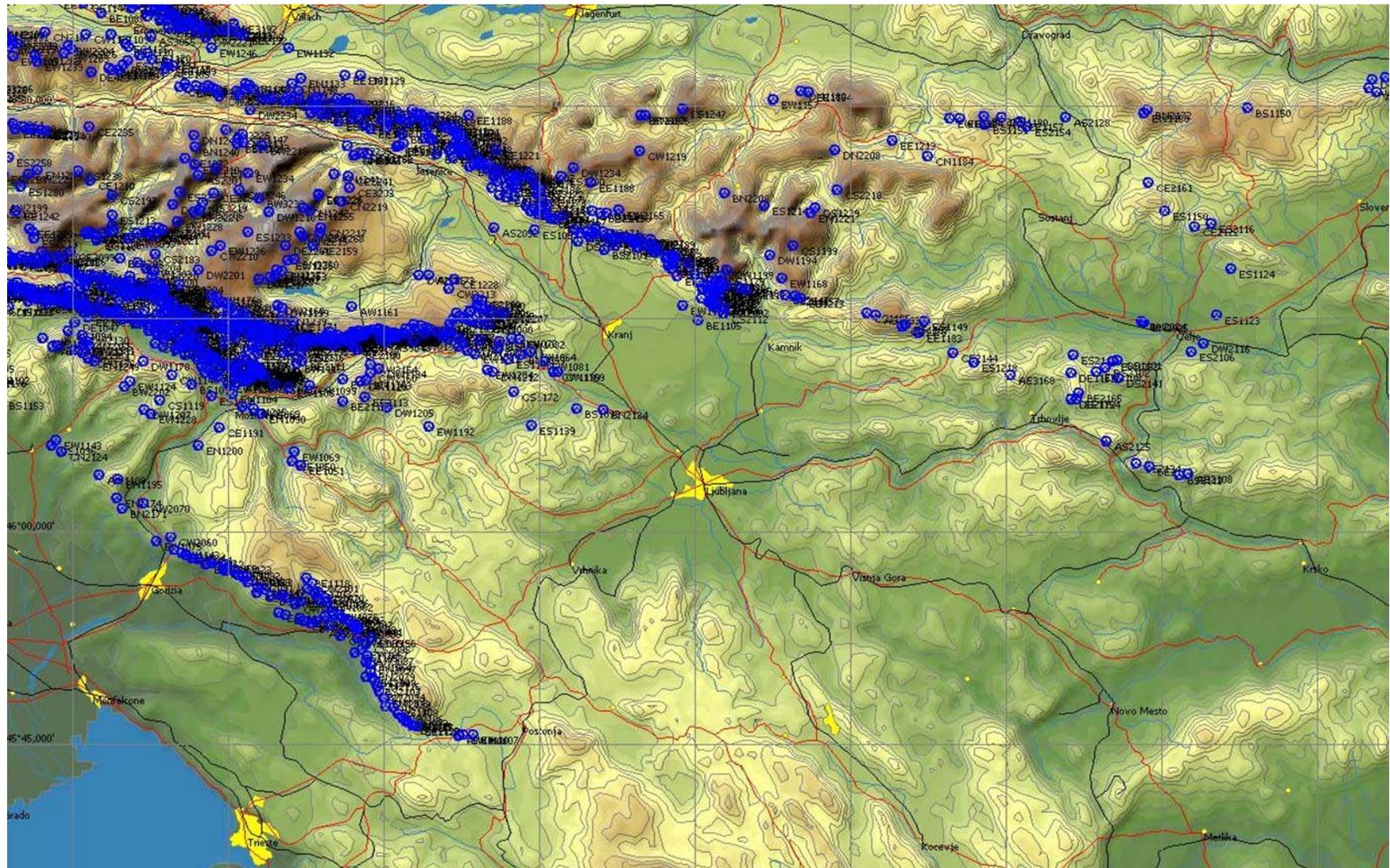
Many speed and distance world records

Attractive prices

More than 12,000 individual flights a year in the Soča valley.

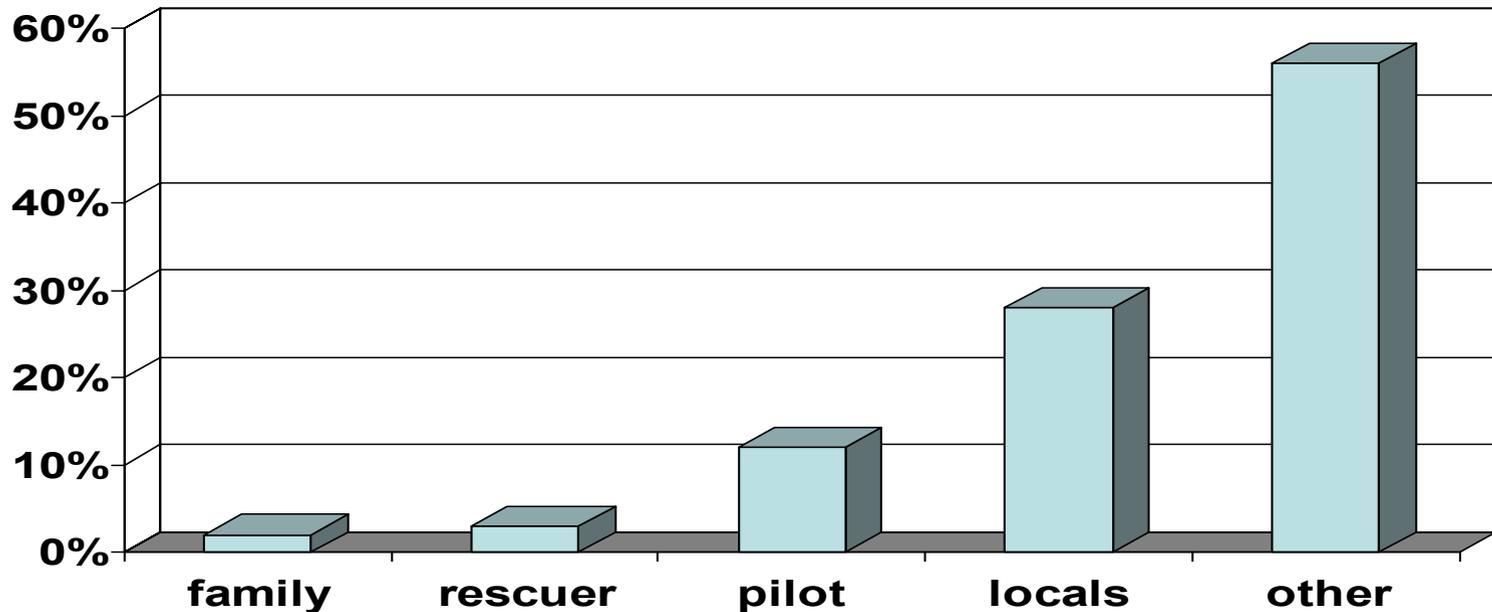
Free rescuing.

Thermic map – flights longer than 100km



Way of informing

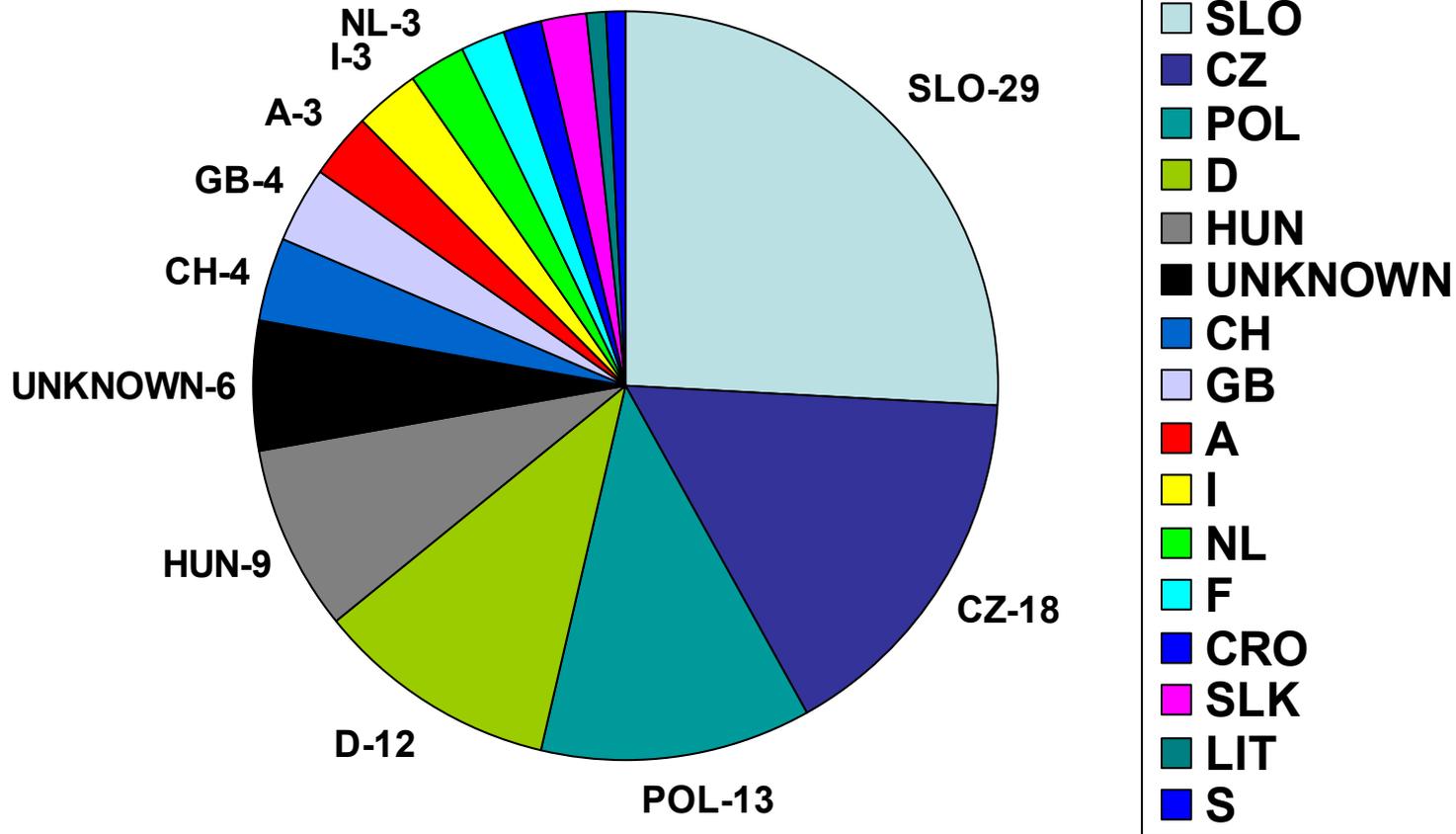
- Information about the location and seriousness of injuries are usually unreliable in around 30% of interventions (being informed by locals or by family members)
- We try to inform the pilots to call regional rescue center (112) in case of an accident
 - lower rate of unnecessary interventions
 - more effective intervention (equipment, no. of rescuers,...)



Also unhurt pilots need help

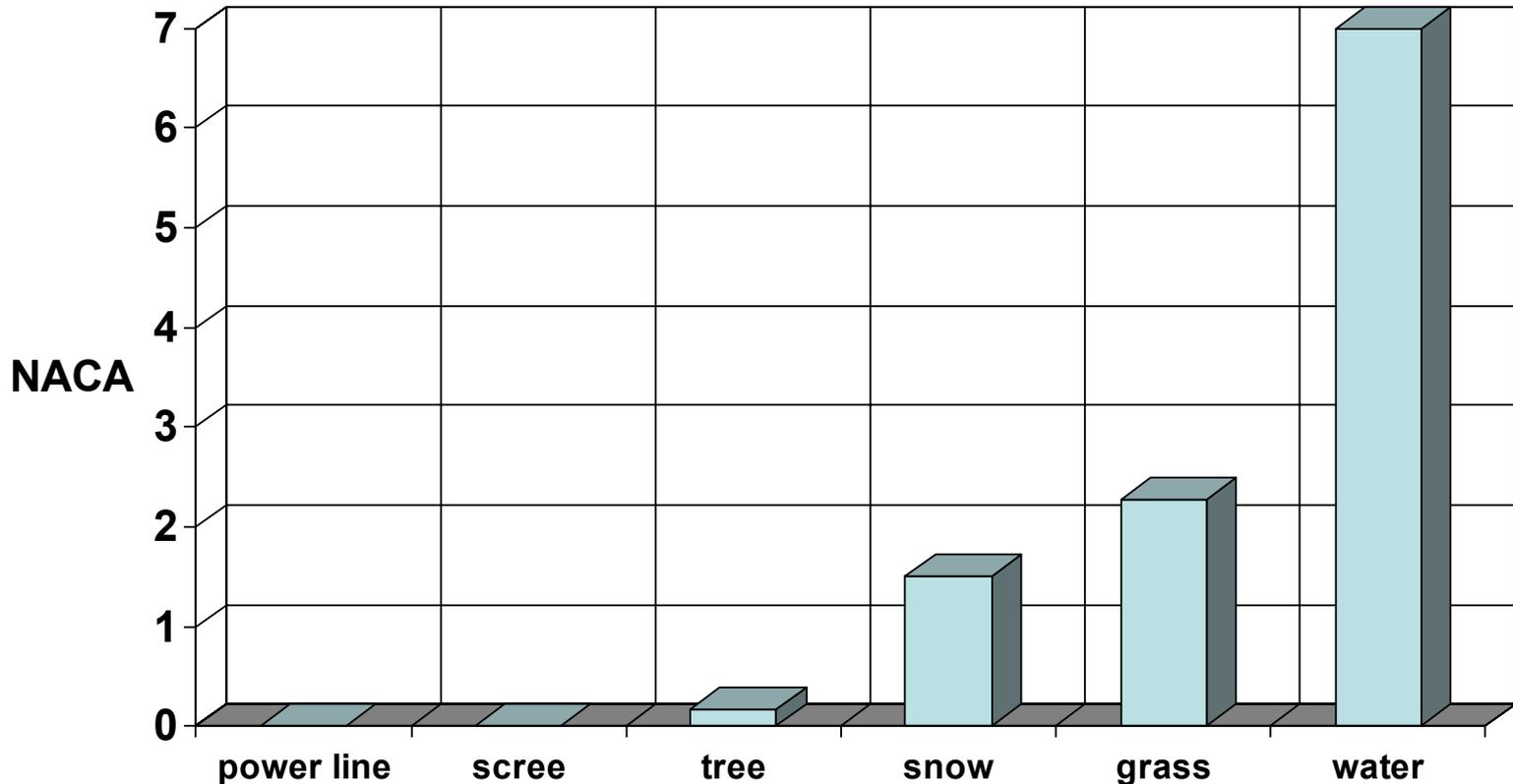
Half of the pilots are in bad physical condition

Not knowing the area



Seriousness of injury according to the ground

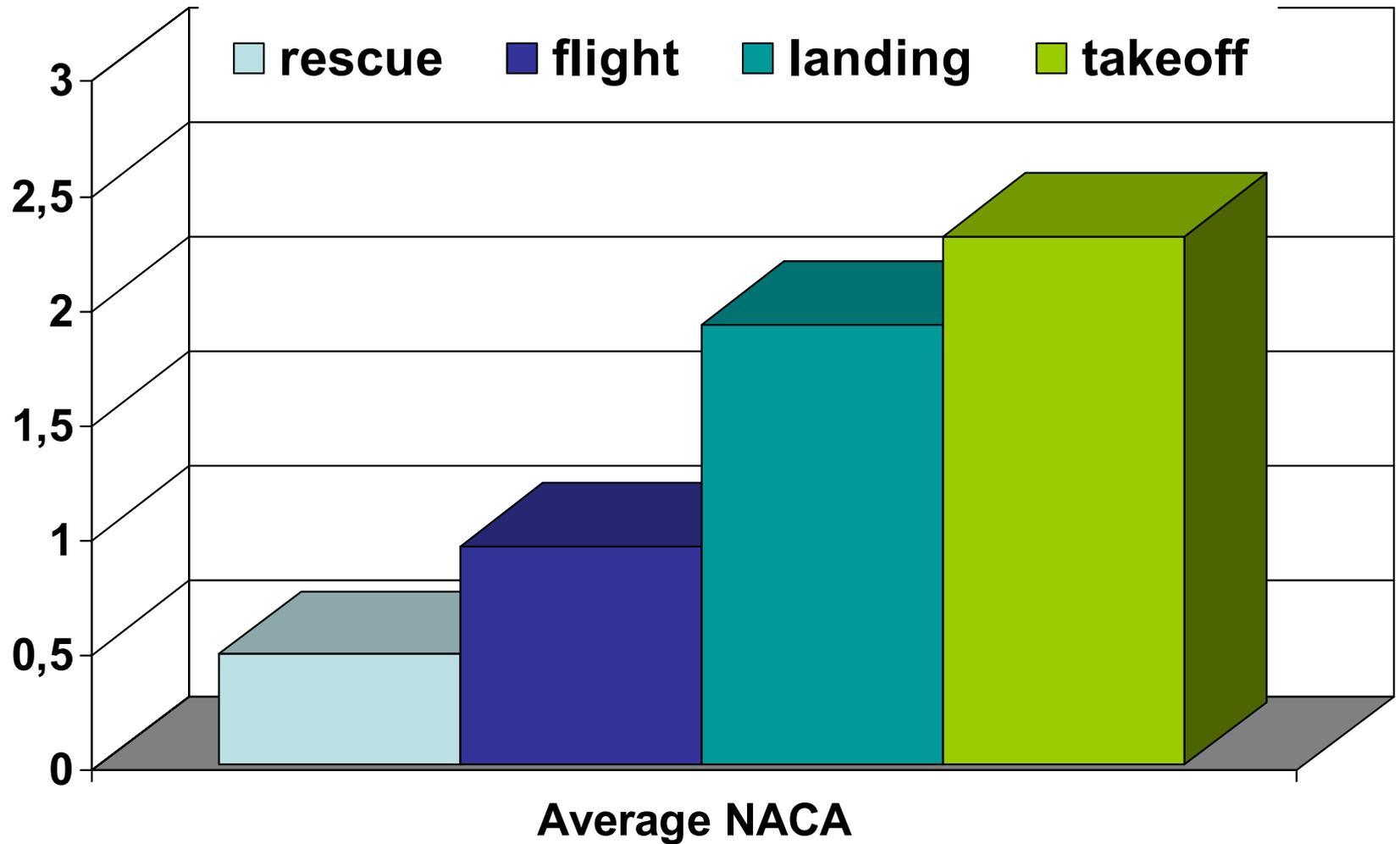
Number of interventions					
1	1	64	2	43	1



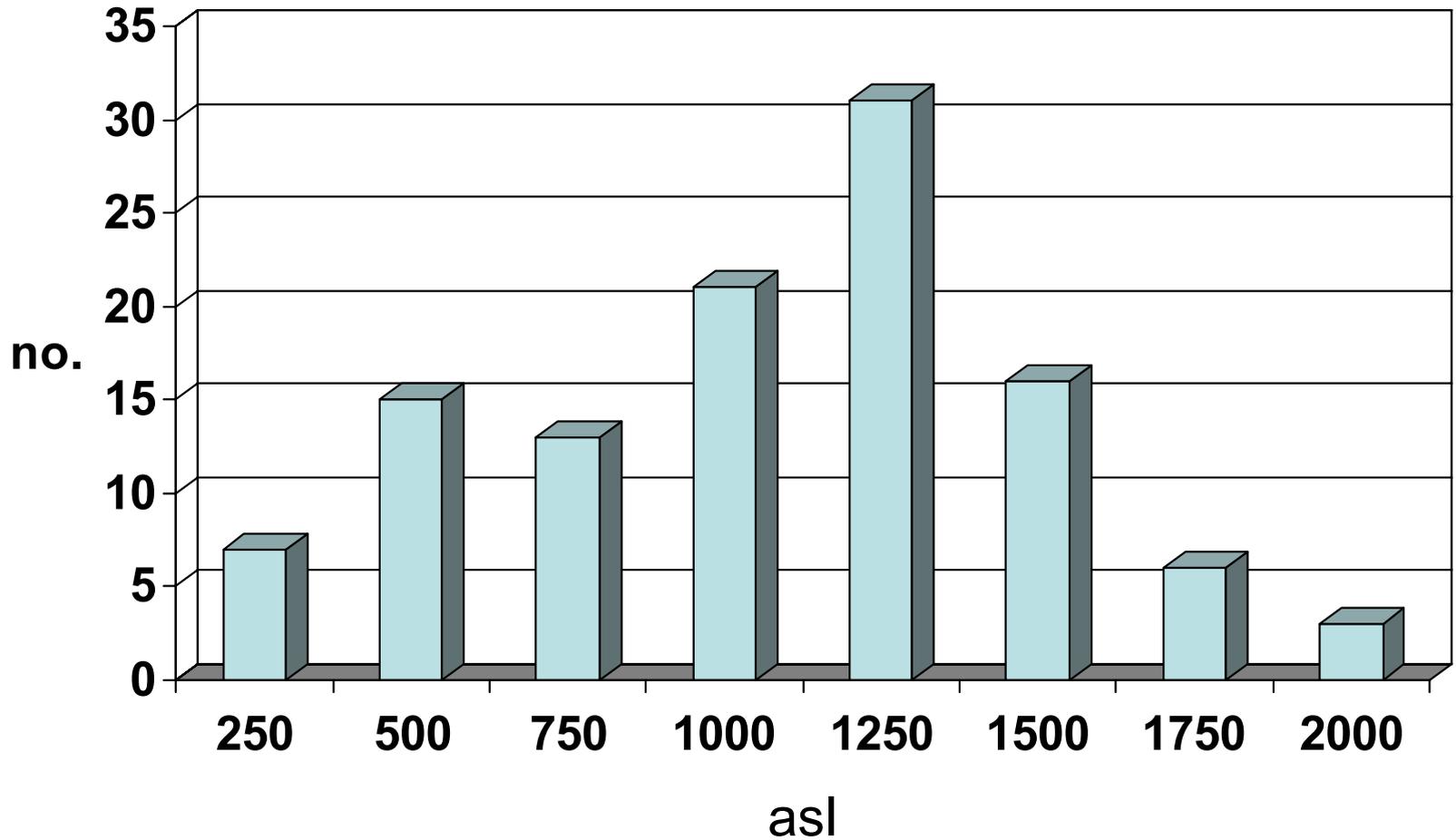
There are less injuries on trees



Seriousness of injury according to the phases of flight



Interventions according to the height



Possible reactions of the pilot at the time of an accident

Irrational behaviour (forgetting the telephone or the radio station, leaving the harness,...)

Dangerous climbing from the tree or descent to the valley – easy climbing

Not informing about the accident, hiding – being afraid of expenses, even though the rescuing is free

Organizing of rescue Intervention depends on

Reliability of accident data

Accident location

Possibility of new intervention

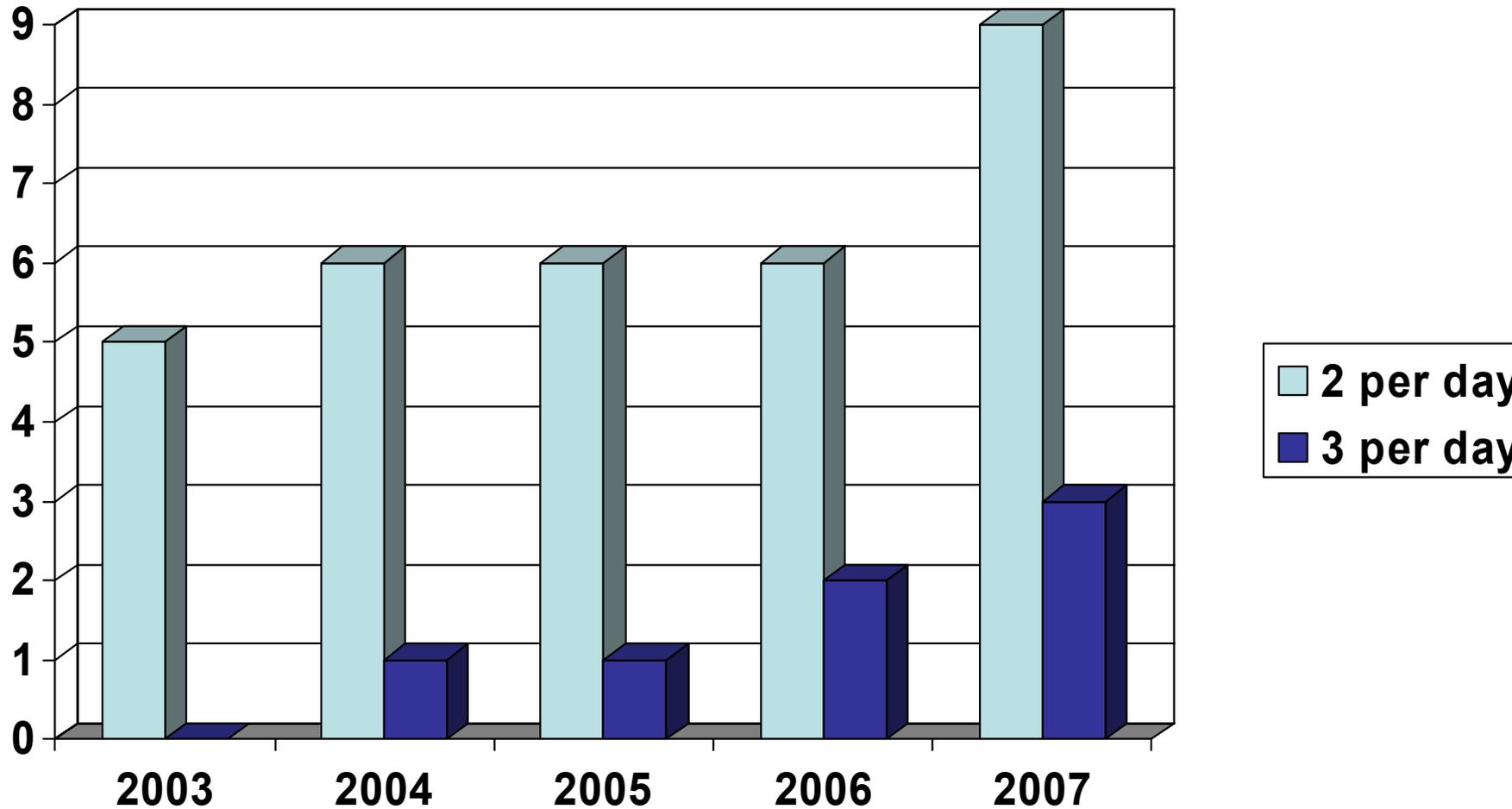
Equipment

Number of available rescuers

Possibility of using the helicopter

Classic intervention is always present

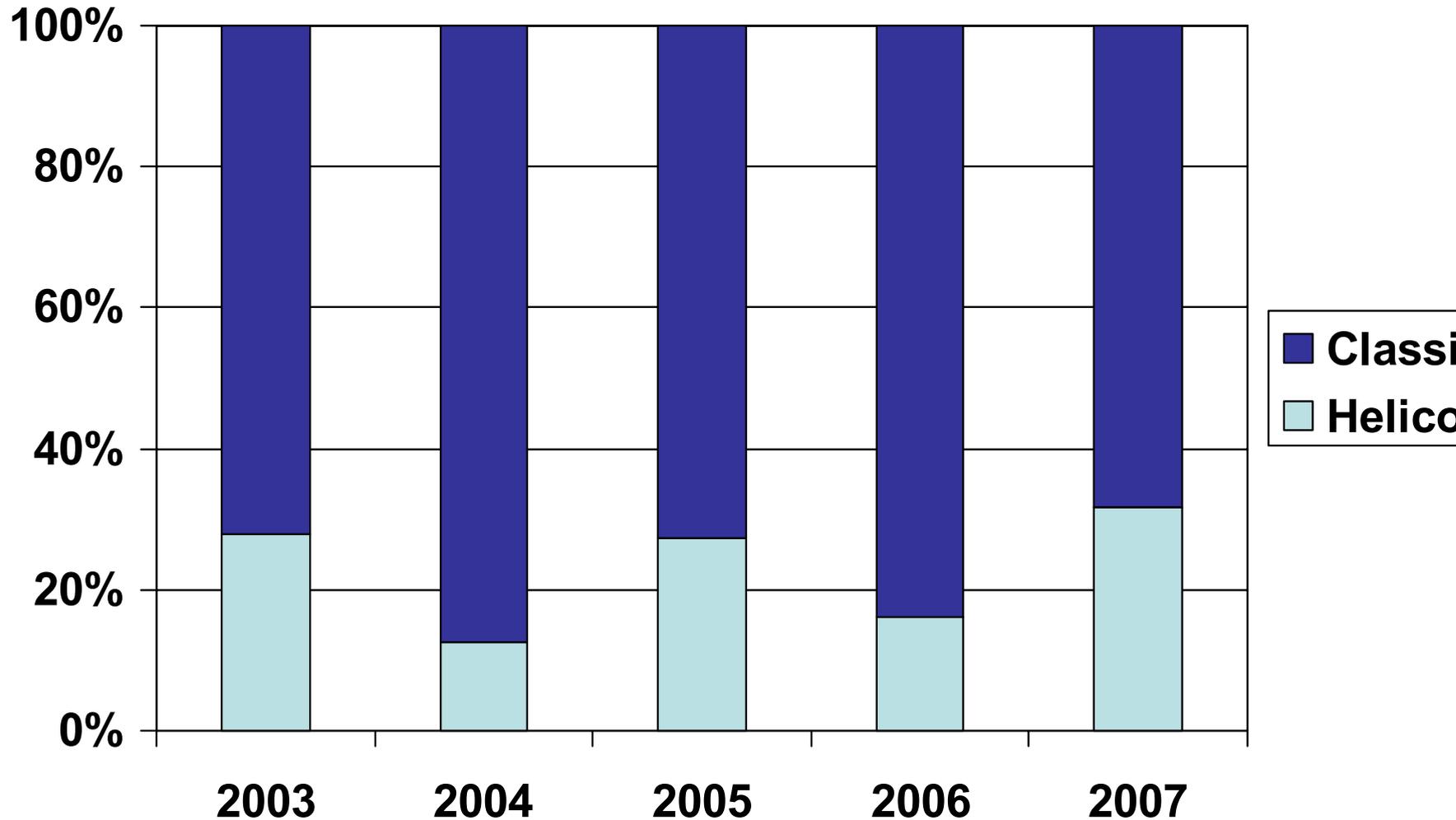
Growth of more than one interventions per day



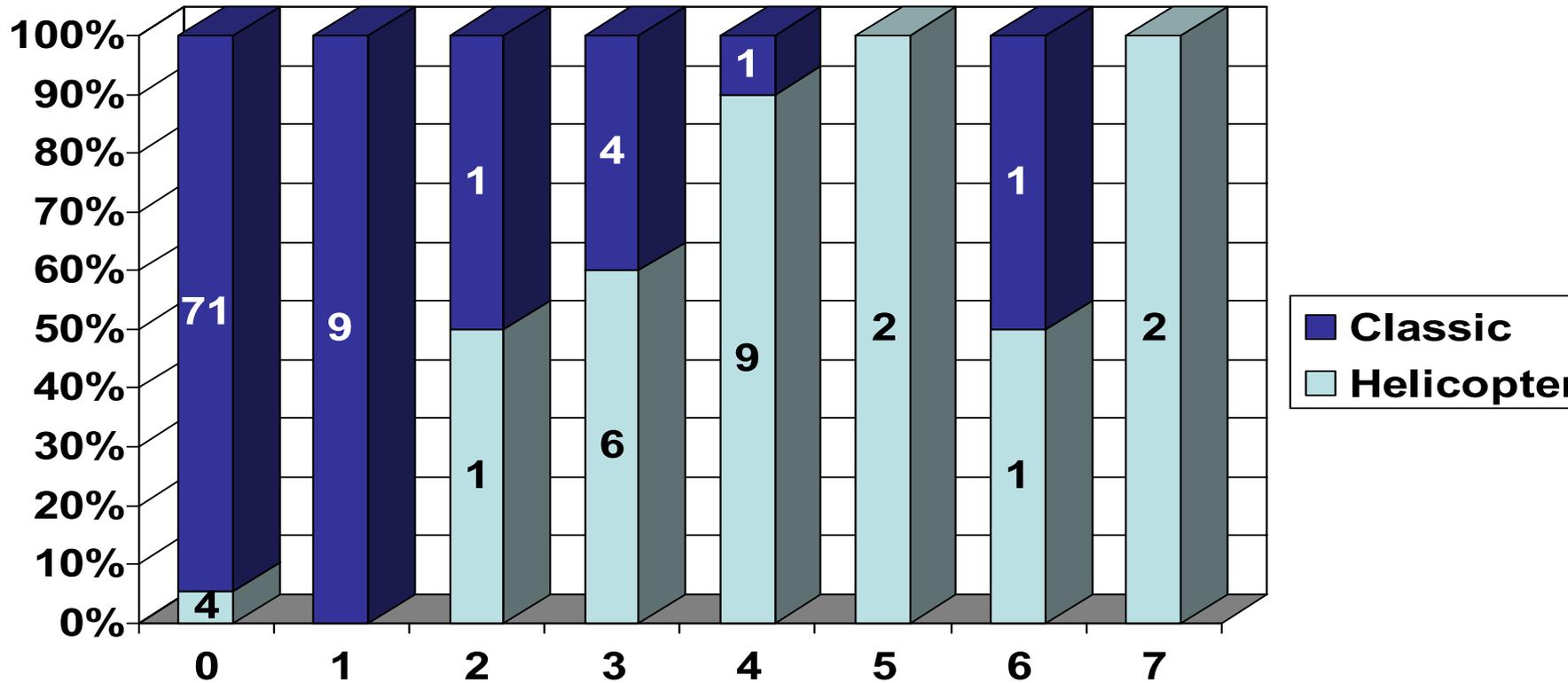
Helicopter



The use of helicopter



Helicopter with regard to the seriousness of injury



- NACA 0 and 7 – helicopter assisted at searching
- NACA 6 classic rescuing due to bad weather classic rescuing is always present

Time of rescuing depends on

The average time is about 3 hours

Access to the place of the accident
(height, easy climbing – it can be anywhere)

Pilot's location, medical treatment

Pilot's rescuing from a tree takes less time than rescuing of the paraglider

Descent (taking care of the pilot, carrying of his equipment)

The assistance of a helicopter

Happy pilot, glider is still on the top



Some interesting rescue cases

• Why do we respond to every call

- The Žunh case
- Rodica – death at descent

• Two pilots being on the tree at the same time

• Search intervention – pilot saved by canoeists, ...)

araglider is in the middle



[009°]



Last flight

	Viš.	Vario	Hit.	dt	dH	Povp....	Povp.hitr.	Preleteno	Finesa	naNalogi	pot.Hitr.	povp.Hitr.	Finesa do ...	Veter	AGL	IAS	TAS	T
36	2010m	-4,8m/s	45km/h	00:07:30	-835m	-1,9m/s	37km/h	4,6km	5,5					81°/4km/h	667m	37,3km/h	41,1km/h	28

Like a bird



Thank you for your attention

Prepared by:
GRZS Tolmin rescue team
Davorin Žagar, Žare Trušnovec, Simon Čopi



Gorska reševalna zveza Slovenije
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