



AIR-TRANSPORT EUROPE Ltd

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Helicopter types in Slovak HEMS history



Helicopter Emergency Medical Service



- ATE currently operates 7 HEMS bases in Slovakia
- 24 hours / 7 days a week operation
- Day/Night
- fleet of powerful Agusta A109K2 helicopters
- HEMS operation supported by own non-stop Dispatching Centre

Year	Number of bases	Missions Primary	Missions Second.	Missions total	Flight hours total
2007	5	589	512	1101	1283,22
2008	5	632	576	1208	1334,09
2009	5	534	658	1192	1323,41
2010	7	715	641	1356	1531,30
2011	7	669	553	1222	1319,55

Bases in Slovak republic



Mountain Region Bases



Year	Missions generally	Winch or sling operation	With mountain rescuers	Flight hours
2007	119	79	22	93,30
2008	101	81	17	89,22
2009	99	76	19	75,55
2010	103	83	21	84,05
2011	116	85	18	91,48

Rescue Techniques

- **Landing**
- **Double cargo hook**

Max. load up to 500 kg

- **Winch**

Max. load 204kg

length up to 50m



- Two longest human external cargo operations

- **124m**, the High Tatras

- **110m**, the Hihgt Tatras



Crew

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Pilot, Doctor, Paramedic (Winch operator)

Rescue Experts



Mountain Mission



- provided by own crew
 - in cooperation with
 - Horská záchranná služba, **profesional team**
 - Horská služba na Slovensku, **volunteers**
- Climbing terrain, avalanches



Patient transport devices

- Sack
- Net
- rescue Transport Seat



Training Center



Training and SOPs are similar to REGA standards

Pilots

- Mountain
- NVG
- Winch,
- Human External Cargo

Doctor, Paramedic (Winch Operator)

- Winch
- Human External cargo



Video of Mountain missions



Location: **The Hight Tatras**

Mission elevation:
1200 - 2500m

Terrain: **Rocky, forest**

Procedures:
Landing, winch

Evacuation devices:
Sack, seat, net



Thank you!

