
 **EXPEDITION DENALI (6190m) 2017**


Gebirgsjägerbrigade 23 „BAYERN“



Challenges in the altitude and in the cold

 **Expedition DENALI**

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Watching a challenge or experiencing your self is not the same!

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Invitation from United States Army Alaska

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23th Mountain Infantry Brigade is tasked with operating in

- difficult to extreme terrain,
- including high altitudes and
- extreme climate and weather conditions.

Principle:

The leader must be able to do more than the people he leads.



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Denali is suitable for gaining experience:

- with hypoxia,
- great cold,
- extreme winds,
- handling material,
- tactics with different time management.




DENALI – ascent without porters or pack animals

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physical preparation


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The collage consists of eight photographs arranged in two rows. The top row features four images: a person climbing a rock face, a person on a mountain bike, a person ice climbing, and a person climbing a steep, snow-covered mountain. The bottom row features four images: a group of people skiing, a person on a mountain bike, a person on a mountain bike, and a person on a mountain bike.

material preparation

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A soldier in camouflage gear is shown in a room, organizing various pieces of equipment and gear on the floor. The soldier is leaning over a large pile of items, including bags, boots, and other outdoor equipment. The room has a sloped ceiling and a window in the background.

compilation of the material ...

Test

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... testing the materia
in the field.

Here: Ortler Mountains / Italy

Preparation phase in BOULDER / COLORADO

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Expedition Team

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Advanced climbing course ...

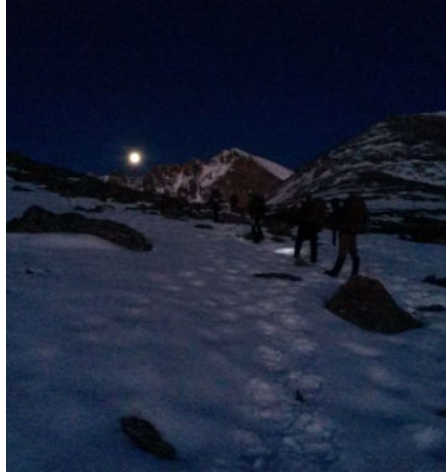
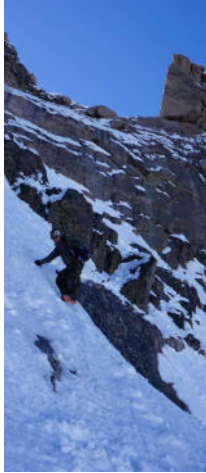
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... with preparation in Rocky Mountain Nationalpark

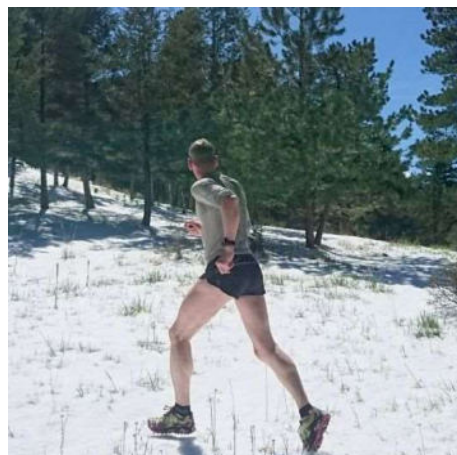
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52 Fourteeners (here: Longs Peak, 4345 m)





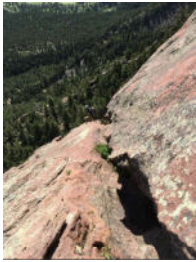

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... and daily fitness training.

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Change: Boulder - Fairbanks

packing the equipment

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Organization of food / Initial preparation of daily rations



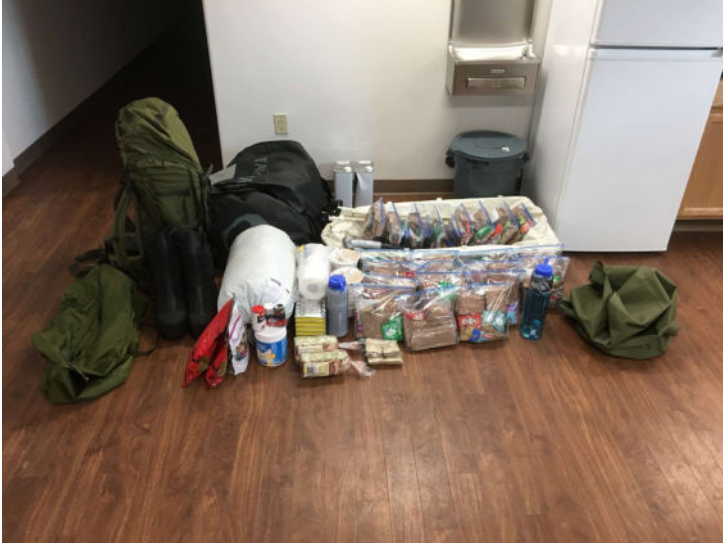
The whole load


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 **The whole load**

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 **The whole load**

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Transfer with helicopter

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Intermediate destination TALKEETNA

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Landing in the nowhere

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Endless expanse

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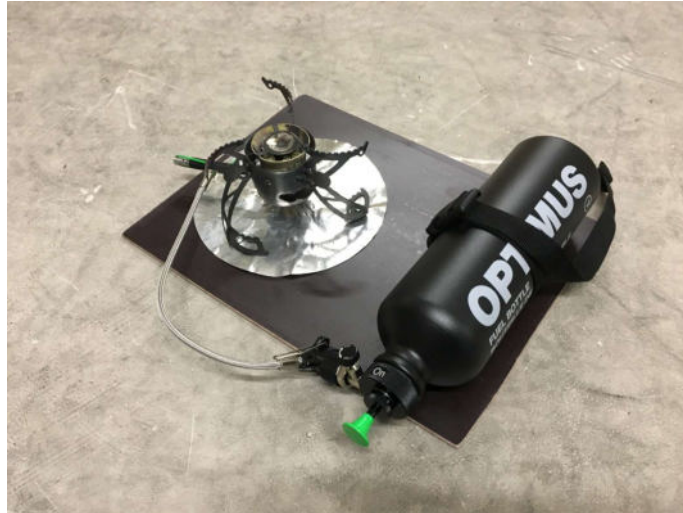


DEU-CAN-Team lays the trail



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Protection against moisture and wetness

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Additional isolation

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Zusatz-Isolierung

cotton socks, then vapor barrier

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... then warm socks and expedition shoes

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example for bad packing

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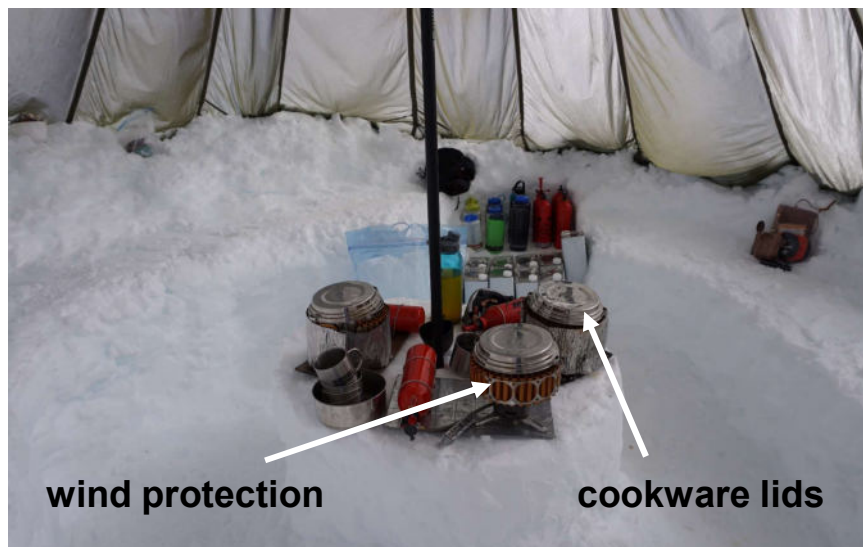
Planned cooking together

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Order in the cooking tent

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Way to Camp 4 (Fourteener) / Windy Corner

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Way to Camp 4 / Fourteener



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Camp 4 / After a week bad weather – for all mountaineers



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Ranger-Station Camp 4:

- weather forecast service,
- helipad,
- medic-station.

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AMS - 5/4/10
TAKK EINHÄNDIG
P. 102.55.2
TAT
Rückzug: 6/6/12

Make a depot on mountain ridge / 5000 m

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Trash im 5000er-Sattel

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Weather forecast: just one more good day!

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Surprise at Denali-Pass










lessons learned

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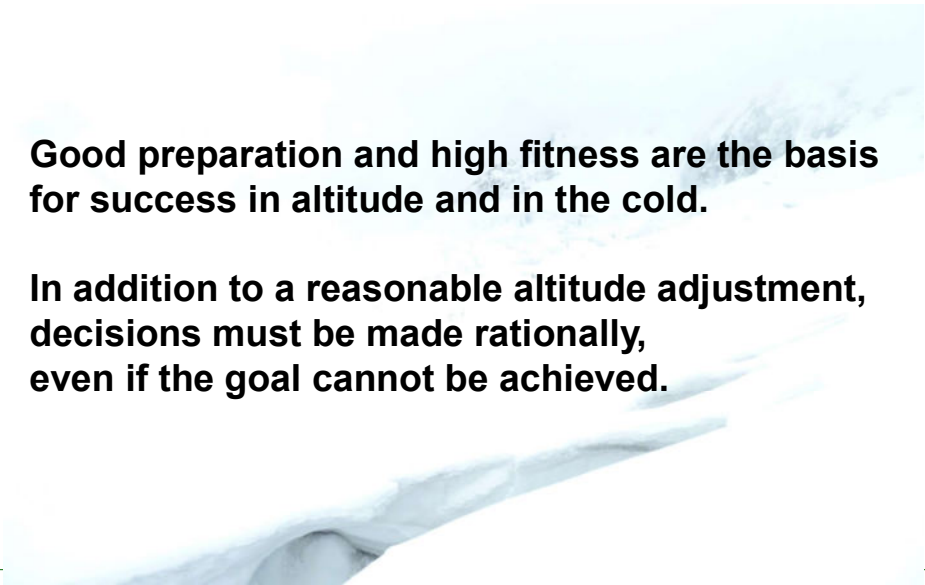


- previous precise temporal and material planning,
- previous process training and testing of the material,
- know the group and their abilities beforehand,
- a high level of physical fitness is essential, even if it does not help with altitude acclimatization,
- the prophylactic use of altitude medicines is misleading and dangerous,
- in practice, the human factor poses the highest risk.



Conclusions

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Good preparation and high fitness are the basis for success in altitude and in the cold.

In addition to a reasonable altitude adjustment, decisions must be made rationally, even if the goal cannot be achieved.



Questions?

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Thank you for your attention!

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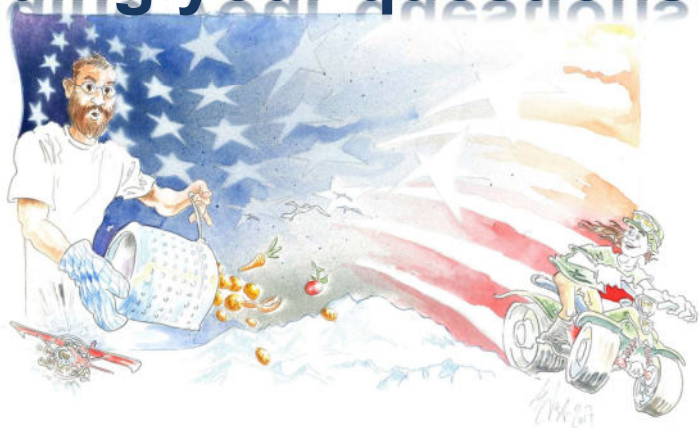




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Pending your questions ...



Thank you for your attention!