

MountEverest2 (e) (V2.1)

Flight created on 08.05.2021 (10.10.2023 V1.5 English)
(Amended on 07.01.2024, V2.1: Many translation errors corrected
and Briefing adapted.)

Estimated flight time 30min. to 1h

Difficulty level hard

Mission: Deliver a generator to the base camp

Introduction

Just landed in Lukla, you have to help with another emergency.
This time, however, not with the Maule, but with a helicopter.

Info about Lukla / Mount Everest

One of the most popular routes to climb Mount Everest, is the southern route.

From Tribhuvan airport you will be flown to Lukla airport.

From there you hike 5-6 days to the base camp.

After the base camp there are four more camps:

Camp1 5943meters, Camp2 6400meters, Camp3 7162meters, Camp4 8000meters.

Why so many camps? The climbers must first acclimatize to the altitude.

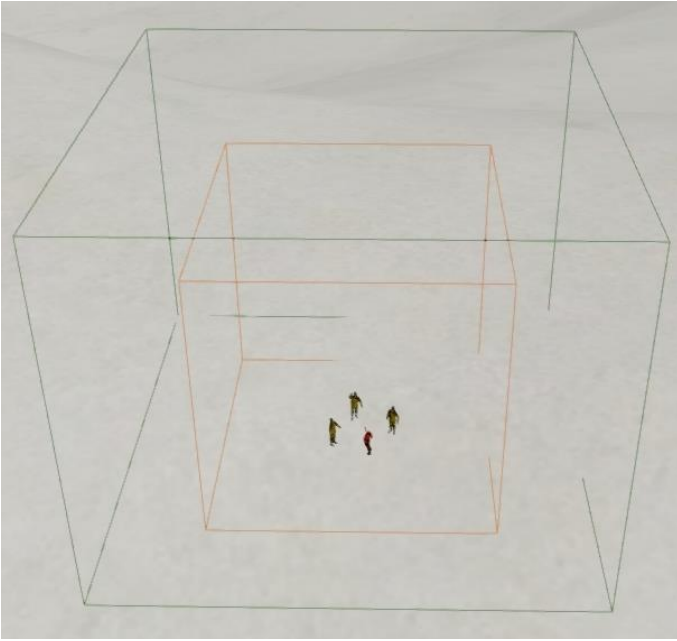
At the beginning you choose if you want to fly with/without help:

With help:

Mission compass is activated, you get help on speed, parking brake, flight direction, etc.

"Hover zone" is larger:

With help green | Without help red.



Without help:

You can definitely do it on your own!

"OverSpeed" (too high speed) leads to failure of the mission!

Stick to the route in the GPS and instructions from Lukla.

Start

You are standing in the parking area at the airport **Lukla** (VNLK).
Fly to the **Base camp** and deliver a generator.



Camp1-4 and Mount Everest are also marked.
Who knows, maybe it helps ;-)

The flight

The start should not be a problem.
Follow the valley on the left, not the direct GPS route.

After a few minutes you will reach the base camp.



Land on the heli-pad in front of the big tent.
I recommend looking in the direction of the tent,
so you can watch the unloading.



The heli pad is not completely level, so apply the parking brake
so you don't roll down the hill.

My psychic ability tells me that you need to fly to another
emergency at Camp3.
So take off and continue flying up the valley, heading about 070.

Soon you will be flying over Camp1.



*I know, the area looks like a small town. P3D probably wants to
show us how it could look like here in 20 years. Just ignore that,
I still placed Camp1 in the correct place.*

You fly over a lake, behind it is Camp2.



Camp2 also looks like a city area. Possibly an artist drew this city in the snow overnight? No matter, Camp2 is also in the correct place.

Turn left and climb up to Camp3.



To the left of the tents you will see the patient you are supposed to pick up.

On the mountain saddle a landing is impossible, so you hover as close as possible to the people so that the patient can be loaded.

Once the patient is on board, off to Lukla.

Follow the valley down, which you flew up, because direct way leads over high mountains.

During the return flight you can decide if you want to fly up to Mount Everest.

The task is optional, but interesting.

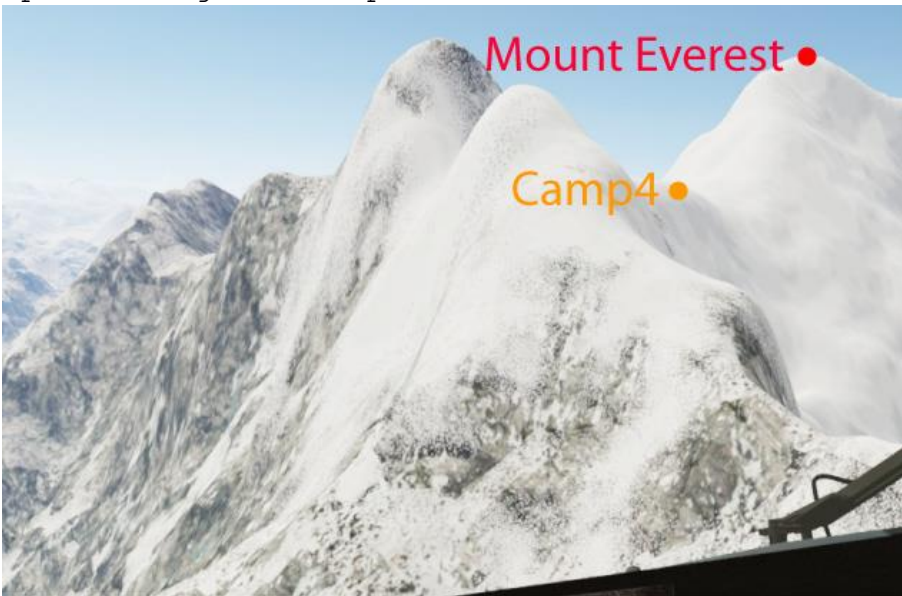
Land in Lukla at the parking place from where you started (marked red).



If you are flying to Mount Everest:

Fly the same route as before, i.e. first to the base camp, then to Camp1-3, from there you will be guided to Mount Everest.

Up the ridge to Camp4.



Skim Camp4 and then....



...hoch zum Mount Everest.

With a little luck, you will now see a few joyfully waving climbers who have climbed up "by hand".



Tips for the flight

If you are not familiar with the helicopter, you may have problems landing, or hovering.

The following tips can help:

- A chase view of the heli certainly helps.



- When approaching, set the simulation rate to half or quarter speed, then you won't have it so hectic.

- If you still fail, turn off the collision detection:

Options / General / Realism

"Ignore crashes and damage"

Notes

I know this flight is unrealistic!

Since this is a simulation and I am working with the capabilities of P3DV5, think no more about it and just enjoy this mission!

Service ceiling is the altitude at which an aircraft with maximum allowable engine power and maximum load (including fuel), can still climb 100ft/min. For helicopters, the service ceiling refers to forward flight. In hover flight, the helicopter lacks the dynamic lift generated by the forward motion, so that the hover altitude is significantly below the service ceiling.

Here's what may be unrealistic:

- The helicopter Seahawk can (according to P3DV5) only reach a service ceiling of 3100m (10000 feet). P3DV5 ignores probably height and mixture setting, or the data are simply wrong.

According to Wicki, the helicopter achieves a service ceiling of 5840m (19160 feet), and a hover altitude of 5550m (18208 feet). However, on a test flight I reached 10668m (35000feet).

The helicopter has a maximum load of 20250pounds (9185kg), so on this flight it is 7862pounds (3566kg) under the maximum load, in other words the helicopter is only 61% loaded. Therefore one can fly with the heli probably also to the Mount Everest high 8849m (29032Fuss).

- "OverSpeed" (too high speed) is not monitored in P3DV5, or nothing happens. With "no help" the mission will fail if flying with "OverSpeed" for a long time.

- At Camp 1/2, it looks as if there is a city there. Even at autogen 0 there are roads and fields to be seen. (P3DV5 probably thinks there are cities at this altitude). I set autogen to 4, because otherwise Lukla airport would be "naked", i.e. no buildings except the tower. (So just ignore the roads and buildings at Camp 1/2, they are not important for the mission anyway!)

- The locations of Base Camp, Camp1-4 and Mount Everest are the correct GPS positions. However, the altitudes do not match reality. This is probably due to the inaccurate elevation representation of the P3D landscape. Just ignore this, the flight will be fun anyway!

- The weather in P3DV5.1 does not work properly. In P3D5.0 it is more realistic.

I hope you enjoyed this flight, if so please give feedback to p3d@andi20.ch . Also send error messages (spelling mistakes, wrong information, etc.) to p3d@andi20.ch, I appreciate any feedback.