



Glide Range Capability – Glide Range Actual

Assessing landing options at a glance

As a latest enhancement to the Nearest Airport Function Moving Terrain engineered the:

-  Glide circle capability based on aircraft performance
-  Glide range actual based on pilots performance in a given ACFT

The ultimate emergency tool together with the Nearest Function depicted on the chart.



Yellow ring maps the theoretical performance of the plane based on the handbook glide range entered into the menu.

Cyan ring maps the glide range as it is actually flown by the pilot with his current speed and any current downdrafts or updrafts existing in the air.



Terrain data do not have to be separately loaded – impact of nearby terrain is automatically provided.



In hilly areas the ranges follow terrain contours, smoothly ranging into valleys and narrowing short in front of mountains.



Best Glide Angle ↩ is easily entered into the settings.

Wind data ↩ are fully taken into account as provided.

Best information even for Partial Power Loss (PPL)

In case of an engine failure in a Multi Engine Aircraft, or loss e.g. a turbo charger, the actual glide range is larger than the standard aircraft glide angle.



A further step to enhancing situational awareness by Moving Terrain

Decades of successful cooperation with Swiss Helicopter AG

In July 2012, the companies Heliswiss, Air Grischa, Bohag, Eliticino, Heli Gotthard and Rhein Heli merged to form the new **Swiss Helicopter AG** and operates in association with Heliswiss International AG for heavy duty missions up to 5 tons.



MT-VisionAir in the center of the cockpit of Super Puma HB-XVY
(picture: Heliswiss International AG)

Swiss Helicopter AG offers as well passenger transport as transport flights, operated from their 14 Helicopter bases all over Switzerland. (<https://www.swisshelicopter.ch/de/leben-uns/standorte>)

According to Markus Lerch, pilot and flight operations manager, the whole fleet is equipped with MT-VisionAir devices (except small aircraft).

The installations were done by Swiss Helicopter Maintenance, based at Bern Airport and RUAG.

So Swiss Helicopter AG operates about 20 MT-VisionAir units.



Markus Lerch, Swiss Helicopter AG

Latest installation in HB-ZWT AS.350B3e (H125) s/n: 8668, completed in 2019



(picture: Heliwiss International AG)



(picture: Heliwiss International AG)

MT-VisionAir X systems accomplish the needs in helicopter cockpits – everywhere and especially for Swiss missions

In coexistence with the factory made instrumentation pilots value

- bright and sunlight readable screen
- detailed maps – especially for Switzerland
- coordinates in Swiss Grid
- obstacles with an update service every 14 days – easy to download and install



Detail of cockpit installation with the angled installation for optimized readability.

(picture: Heliwiss International AG)

Best regards
Your MT-Team

Moving Terrain AG | Air Navigation Systems | Sparenberg 1 | 87477 Sulzberg | Germany
www.moving-terrain.de | www.blitzplan.de | Tel. +49 (0) 8376 - 9214 - 11 | Fax +49 (0) 8376 - 9214 - 14

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