NAVIGATION NEWS





Glide Range Capability – Glide Range Actual

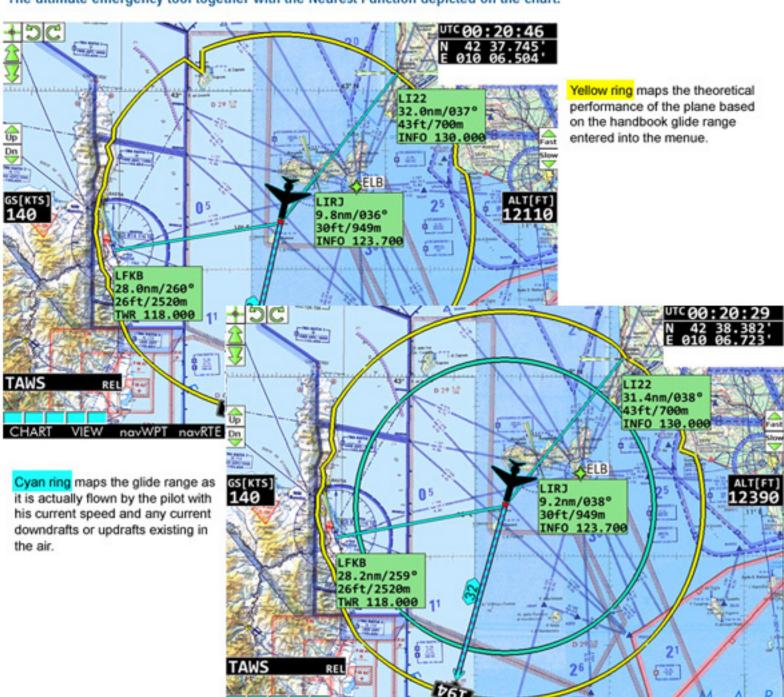
Assessing landing options at a glance

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

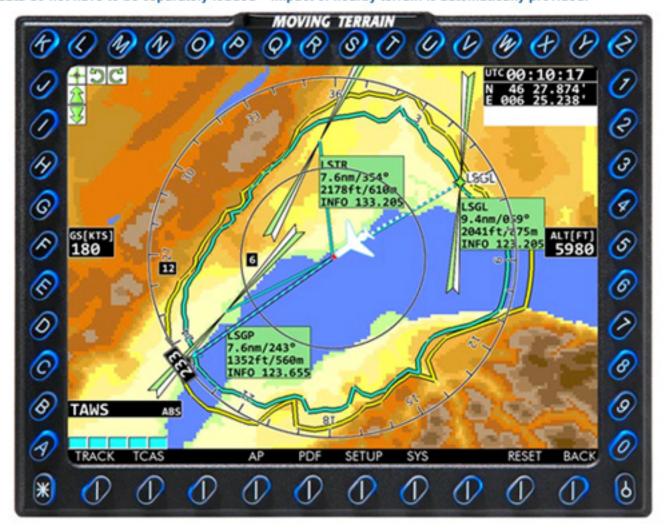
Glide circle capabilty based on aircraft performance

Glide range actual based on pilots performance in a given ACFT

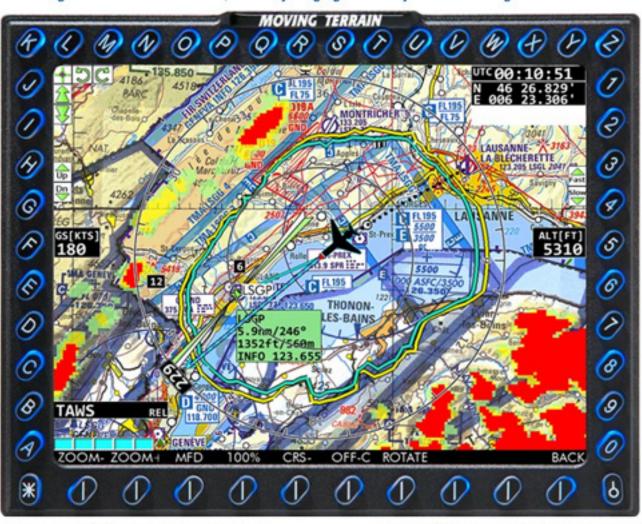
The ultimate emergency tool together with the Nearest Function depicted on the chart.



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 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/ueber-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: Heliswiss International AG)

(picture: Heliswiss 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: Heliswiss International AG)

Best regards Your MT-Team