

## The latest ICAO is available

ICAO chart Europe 1:500.000 spring edition is available from now on (price for update: 280,- EUR net). Customers with subscription will receive the update automatically.



Release 1/2018  
Still valid

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## Northern Helicopter: MT VisionAir X supports Offshore Rescue Missions

Northern HeliCopter GmbH can look back on 25 years of experience in ambulance and intensive transports. In 2011, it became the first private aviation company which performs offshore missions and emergency flights in the area of 'German Bay' using exclusively intended rescue helicopters.

MT: "Northern Helicopter uses the Moving Terrain MT-VisionAir X Systems to assist in challenging offshore missions. Where do you see the main advantage of MT systems in your helicopters?"

Daniel Scherer, Pilot at Northern Helicopter GmbH: "The advantage here is certainly the individual configuration with databases and maps as well as the possibility of transmitting status messages directly to the operation center."

MT: "In cooperation we have optimized your MT systems for use: The wind park data supplied by you has been integrated into the obstacle layer. A hospital database, a street number data and a special 'German Bay' nautical chart can also be selected on the MT systems. How does this supports your work?"

Daniel Scherer: "Especially during offshore rescue missions it is extremely helpful to have the positions of the individual wind farms also visually on the display. Often we have to service a certain wind turbine in the midst of 40 others to provide assistance. An additional minute-long search would be counterproductive. As we also support onshore missions in case of emergencies, it is obvious that detailed road maps help a lot, especially to coordinate with emergency personnel on site. These possibilities improve the 'situational awareness' immensely and thus ensure a further increase in safety during the missions."





Of course, the ICAO charts provide information that is almost exclusively interesting for aviation. Since our field of application is mainly above sea, it is necessary to have information on shipping roads, beacons etc. on board."

MT: "Your Moving Terrain systems work with the direct connection to the operation center via Rescue Track. The helicopters are tracked - the current position data is sent to the ground station - and the communication with the Rescue control center is carried out. Encoded messages are mutually exchanged as well as directs are sent to the place of assignments. How does this work during the operation?"

Daniel Scherer: "The MT Systems with the Mission Management via Rescue Track saves us additional agreements by telephone or radio, which would require additional valuable time in an emergency. The work load in the cockpit and the periods between the operations is also minimized. The control center is informed about position at any time and therefore on current status of relevant arrival times."



**AERO Friedrichshafen**

We are happy to meet you at the AERO 2018 in Friedrichshafen from April 18th to 21st.

We welcome you in hall A3, booth A3-305.



**MT-VisionAir X in use: Ralf's Pilot Report**

MT: "Since 2002 you are flying with a Moving Terrain system in the center of your cockpit. What do you value most about the MT and how does it support you during your business flights which are always on-time flights?"

Ralf Valerius: "I am thrilled with the MT system and have been since 16 years now: the exact position on the ICAO map and the automatic switch to the approach charts when coming close to the airport enthuse me. This is very helpful especially during night flights and even flying IFR in marginal weather conditions with low lower limits. My MT system is my active TCAD for years now and I prefer to look at my MT than on my G-500, since I simply have a better feeling where the airplane is flying when I see the TCAD target on the chart background."

MT: "In 2017 you decided to replace your MT-VisionAir III with a MT-VisionAir X. What are the advantages of the new MT?"





Ralf Valerius: "The super screen is still impressive, the easy loading of the updates and the quick release with the Easy Mount. I see this as an absolute advantage compared with the old device."

MT: "Why do you recommend Moving Terrain systems for pilots who have a similar pilot's profile?"

Ralf Valerius: "I'm not a guy who likes to have lots of devices to navigate on the plane, such as I-pad, portable GPS devices, cell phone or similar. I like firm mounted devices which are easy to program. The integrated keyboard around the screen helps to do all inputs in MT. I clearly see the advantage for flights in turbulent air. Loose equipment can whirl through the cabin and can quite sometimes become a weapon."

Another advantage: in the years I was using MT I was always very satisfied with the support. If there were operational questions, I always had a competent contact person."



Cockpit Beech Bonanza F33A during maintenance

Subscriptions for MT VisionAir series

VFR subscription with DFS approach charts Germany	VFR subscription without DFS approach charts Germany
- Europe ICAO 1:500.000	- Europe ICAO 1:500.000
- Nav data	- Nav data
- current software version (free of charge)	- current software version (free of charge)
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price: 480,- € net (571,20 € incl. VAT) published 2x per year	price: 430,- € net (511,70 € incl. VAT) published 2x per year

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Best regards  
Your MT-Team

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

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