

NAVIGATION NEWS

II/2002

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Moving Terrain MFD Module: MT-Camera in TV Helicopter



BK 117 (Medicopter)

Mr. Hans Ostler, CEO of Helicopter Travel Munich, operates the MT-Camera in the "Medicopter".

MT: Mr. Ostler, you have been waiting for a long time for a Multi Function Unit that can display an outboard camera and alternatively serve as a moving map for your helicopter - why?

H. Ostler: For 6 years now we have been flying with our BK 117 (Medicopter)

for the TV production "Medicopter 117". During this period we were looking for a system, that shows us a navigation display and additionally a picture of the camera, installed in our helicopter. We are very glad that we have now found the solution - together with MT. Now the pilot is able to find out him/herself: the correct light, the operation of the camera, the background of the picture and if there are any vibrations due to different airspeeds.

MT: For what other helicopter missions, apart from your own TV operations do you believe this could be helpful?

H. Ostler: It's useful for cargo flights with sling load, winch operations, and a documentation for training flights.

MT: How does this Camera-VisionAir unit prove in everyday handling?

H. Ostler: Easy to handle, similar to the old system and can be installed nearly



Cockpit BK 117 with MT-VisionAir Camera System

anywhere inside the cockpit. During film missions it is possible to check the camera picture and at a click the real navigation position in an unknown area.

MT: As a hint for future developments, do you imagine applications for such a device in fixed wing aircraft like flight test purposes or security issues?

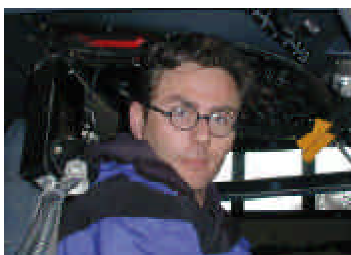
H. Ostler: In my opinion, it is a great step forward to watch certain parts on fixed and rotorwing aircraft during test flights. It will be part of the future for technical and maintenance flights.

Experiences of Swiss Helicopter Pilots

Our Swiss representative, Marcel Baumgartner of CHS - Central Heli Services' in Meggen near Luzern has been operating a variety of helicopter flights since 1995 as well as training helicopter pilots. They became exclusive dealers for Moving Terrain Systems in Switzerland in 1997 and already have many well-known helicopter companies as customers. One example is HELOG AG, specializing in logging and special transport operations. Norbert Hofer, pilot of a HELOG's Superpuma AS 332 C1: „A topographical chart with monthly updated obstacles should be standard for every helicopter.



HELOG AS 332 C1 (picture P. Riga)



Norbert Hofer

MT provides us with Switzerland 1:100 000 and a regularly updated obstacle layer - this is just ideal! And altogether we save time and money flying long distance throughout Europe. It helps tremendously flying in bad weather. We had an order once for a flight to an oil platform in Tunisia. At short notice MT supplied TPC charts of Tunisia and this helped a lot to reduce workload.“

LOW LEVEL PILOTS WATCH OUT!

Fully interactive chart available now! For all owners of MT-VisionAir, with its enormous computing power, a new TRACK UP chart module is available immediately. The full screen chart is oriented in the pilots head up perspective and - at the click of a button - back to north up. Even the new off-center feature - where you see more chart ahead than behind - combines with the TRACK UP chart.



New European Overview Chart

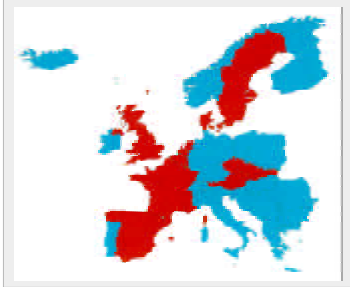


Most MT owners don't even know they all have this 1: 14.000.000 scale overview map on their unit. A new edition is out now and shipped free of charge with every ICAO chart order.

European ICAO Update - Summer Release 2002

As most european countries have released their 2002 updates by now, MT has compiled its digitized release II/2002, versions have been shipped since August 1st and available for order. See updated countries in red.

Specially remarkable is the excellent quality of the new ICAO charts of Spain.



Automated FLIGHT LOG

A new **Flight Recorder** becomes available as you receive these news. The existing flight TRACKING function is expanded and combined now with an automatic pilot logbook. Every flight is automatically entered into an electronic logbook as soon as e.g. 40 kts are exceeded, departure time, date and locations is entered. The log is fully editable and can be personalized. You can do both: Make manual entries of flights that you have taken on other aircraft without your MT system, and also delete flights that other pilots have run up on „your logbook“.



ENTHUSIASTIC CUSTOMER

Thomas C. Fuchs, pilot, successful businessman in real estate as well as business aviation, operates two MT-Ultra units, one in a Bell Long Ranger as well as a MT-Ultra TSO in his Citation 525. We wanted to know why, in addition to the equipment in his helicopter he decided last year to fit the MT-Ultra also into the cockpit panel of his CJ 525:



Thomas C. Fuchs in front of his Citation Jet, MT-Ultra Professional TSO in the center of the panel

„There are mainly two reasons why I decided to install the MT-Ultra. One, our business requires us to land frequently also at VFR airports. In this case it is ideal to have Moving Terrain onboard. Before and after cancelling IFR you immediately have optimum awareness of your position. Two, it helps to make our customers feel at ease, they often peek into the cockpit to have a look at the map and find out where we are.“ We alrerady have prepared for an MT cabin

Also a lot improved:



New Heli & Road chart for Germany!

TCAS and STORMSCOPE MFD Modules

Encouraged by the huge success of the TCAS system with its admired Dynamic Synchron Simulator early warning system, MT now announces the release of the STORMSCOPE module within a few weeks after you receive this letter. The units MT-ULTRA and MT-VisionAir, now both drive a BFG WX500 compatible lightning display.

