

10 PROs of the MT-VisionAir X system

**Same menu navigation as
MT-VisionAir III system**

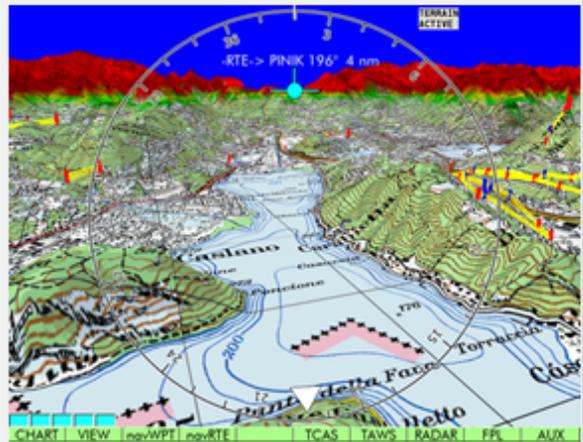


**Brilliant screen
MT-Relief Dynamics**

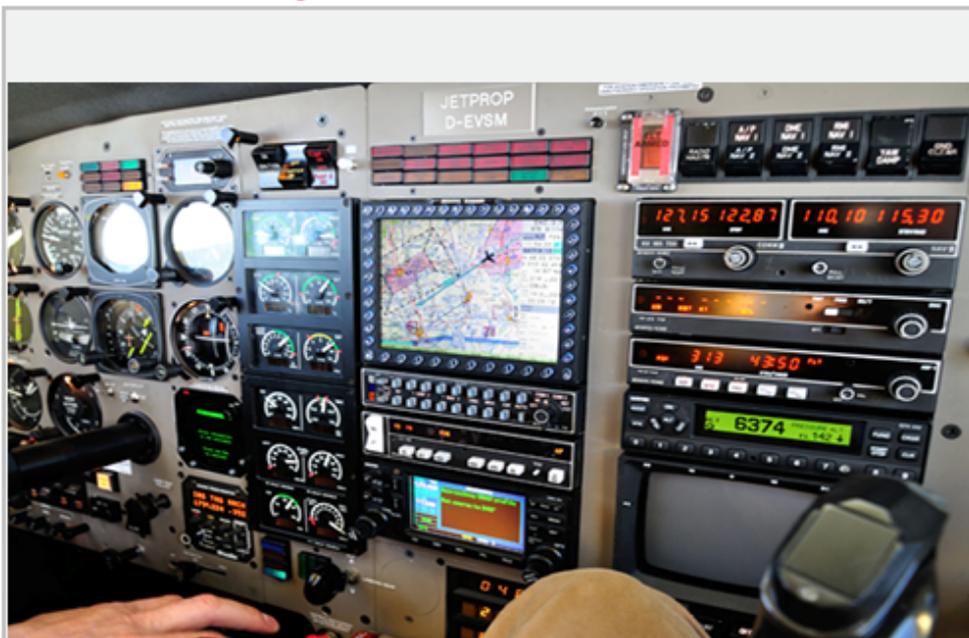
- 2,5 times more luminance compared to the MT-VisionAir III system

- brilliant clearness of display even in direct sunlight

- 3D navigation (MT-Relief Dynamics)



**DO160 certified:
MT-VisionAir X System &**

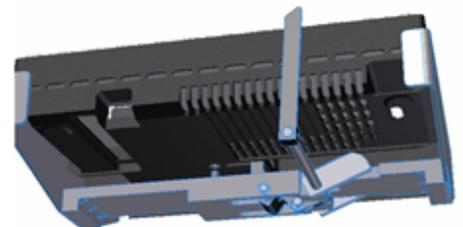


....Easy Mount

The MT-VisionAir X system is released and mounted at a fingertip

- see animation -

http://www.moving-terrain.de/popup/video_easymount.html



- identical size as the MT-VisionAir III system
- same cutout as the MT-VisionAir III system
- immediately ready for plug and play through converter plug.

Completely self sustaining cockpit



Battery operation ensures

- absolute redundancy in case of power failure
- all important cockpit functions remain obtained
- navigation that is independent of on-board network combined with flight attitude information via MT-EFIS
- change of batteries during operating mode

SIRF IV technology

Built in GPS without antenna: together with **batteries** perfect for **mobile operation** without disturbing wires.



No problems with sun and heat

Highly efficient cooling system:

Compared to tablets - especially in high temperatures - **reliable functionality** is guaranteed.



Update via USB...

...uncomplicated and high speed transfer. Removal of the MT-VisionAir X system is not even necessary if remote plugging is used.



Embedded Charts



- approach charts (VFR / IFR) are embedded into the base chart
- aerodrome circuit / procedure immediately ready



- scale is adapted automatically
- continuous display of the ACFT position on the moving map.

pdf-Viewer

enables to carry:

- check lists
- manuals
- any individual documents

MOVING TERRAIN

T210N Ground Procedures Checklist

Before Starting Engine

Preflight Inspection	Complete
CRM/Passenger Briefing	Complete
Seats and Seat Belts	Adjust & Lock
Brakes	Test & Set
Fuel Selector	FULLEST TANK
Cowl Flaps	OPEN
Mixture	RICH
Propeller	HIGH RPM
Landing Gear Lever	DOWN
Avionics Master Switch	OFF
Electrical Equipment	OFF
Circuit Breakers	Check in

Starting Engine

Master Switch	ON
Landing Gear Lights/Horn	PRESS TO TEST
Exterior Lights	As Required
Throttle	CLOSED
Auxiliary Fuel Pump Switch	ON
Throttle	ADVANCE 3-5 seconds, then RETURN to IDLE
Auxiliary Fuel Pump Switch	OFF
Propeller Area	CLEAR
Ignition Switch	START
Throttle	ADVANCE slowly
Ignition Switch	RELEASE after start
Oil Pressure	Check
Low Voltage Light	OFF (at about 800 RPM)

Before Taxi

Flaps	Retract
Throttle	1000 RPM
Avionics Master (Radios)	On
ATIS / AWOS	Receive
Clearance	Obtain
Avionics / Transponder	Set / SBY
Flight Instruments	Check & Set
Engine Instruments	Check

Taxi

Brakes & Steering	Check
Flight Instruments	Check

Before Takeoff

Brakes	SET
Cabin Doors	Closed & Locked
Seats / Seat Belts	Upright & Secured
Flight Controls	Free & Correct
Clock	Check
Fuel Quantity	Check
Fuel Selector	FULLEST TANK
Cowl Flaps	FULL OPEN
Elevator and Rudder Trim	SET for takeoff
Flaps	SET for Takeoff
Flight Instruments	Check & Set
Radios / Avionics	Set for Departure
Mixture	Enrichen
Throttle	1700 RPM
Magnetos	Check (drop <150, 50 differential)
Propeller	CYCLE
Engine Instruments / Ammeter	CHECK
Vacuum Gage	CHECK
Throttle	Idle / 1000 RPM
Autopilot	OFF
Departure Briefing	Complete- Type T/O Vr-65 Vy- 100 Vx- 78 Power Heading Altitude

Shutdown and Securing

Avionics Master Switch	Off
Exterior Lights (except beacon)	Off
Throttle	1000 RPM
Mixture	Idle Cut Off
Ignition Switch	Off
Battery and Alternator	Off
Cust Lock	Install
Post Flight Inspection	Accomplish
Tie downs and Chocks	Install

MT-VisionAir III and X series, MT-Ultra - the ICAO July edition is available!

The up-to-date ICAO chart Europe 1:500.000 is available.

With the new software version a **significant improvement of the chart resolution** has been achieved, especially for large-scale charts (e.g. 1:500 000).

The following countries are new:

Norway, Sweden, Northern Ireland and Scotland, BeNeLux, France, Austria, Poland.

The update can be ordered for 280,-- EUR net (for MT-Ultra 560,-- EUR net).

