The new VARIO
And much more…

Sweden, 2026

Toni Šibanc

Sales & Marketing at LXNAV since 2015.



2026 US NATIONALS · 20 M MULTISEAT

Toni Šibanc & Bif Huss

Seminole Lake, Florida, 2026

2,500 h

TOTAL FLIGHT TIME

Gliding instructor

Competition pilot

Motor pilot

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SoaringXX

Started in 2008 as a student – a side business to finance my gliding.



ICE COLD SHIRT

UPF50+
Elastic
Special VENTS

PANTS

Peeing solution

WINGWALKER

First 360° system · over 2,000 pcs on the market
NEW type – flap- and aileron-free



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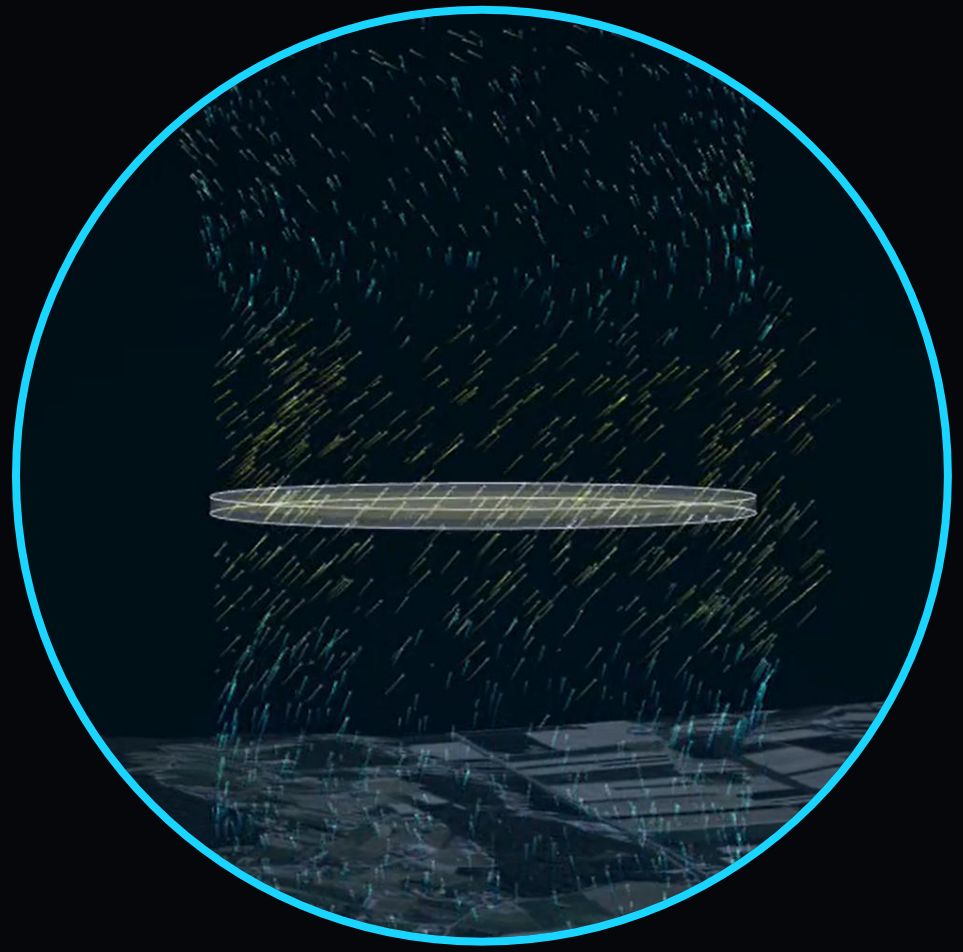
Stay until the last slide



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Cockpit until TODAY




D-KKEX
Wpt:Kiri East Pan
Thermal
Alt Gain
265m
169m
3160m
1978m
125°/25
SKYSIGHT
05:53 - 19:24
INTERCOM
COM
XPDR
LX9070

CERTIFIED

Compass (October 2026)

ADI2
Altimeter
Airspeed



New Round Vario



Round Standalone Vario



ADI2 introduced the round display

Altimeter. Airspeed. Backup battery.



From OCTOBER: new scale



EASA STC approval.

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ADI2 now with a certified compass

Certified Magnetic Compass.

October 2026





LXNAV gratefully acknowledges Dipl. Ing. Alexander Schulz for conducting the certification.

EASA STC approval.

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S10 and S100 set the standard

Their successor had to deserve the name.

S10

57 mm



S100

80 mm



A trusted generation

Pilots expected the same reliability, the same support and a much larger technological step.

Replacing a successful instrument carries responsibility.

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S20 · S200

The successor to S10 and S100



Good hardware takes time

LXNAV chose a well-proven path.

1–2

YEARS

Others.

≈ 7

YEARS

Development of S20 and S200

THE GOAL

A platform designed to remain current for years

We did not want to release it early. We wanted to release it ready.

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Pilots developed it

Every major decision started in a real cockpit.



BUILT FROM FLIGHT EXPERIENCE

Controls where a pilot expects them

Information that remains readable under workload

Functions shaped by the people who use them

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Namibia was the laboratory

Long flights, strong conditions and no room for unfinished ideas.



ONE FULL SEASON

Many bugs fixed in the air.

Thermals. Navigation. Warnings. Ergonomics. Reliability.

Every flight was a test flight.

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Six competitions later

Testing continued where every second and every decision matters.

6

COMPETITIONS

01 **Task management**

02 **Thermal Assistant**

03 **Warnings during high workload**

04 **LXNAV Connect**

The product reached launch after competition flying, not before it.

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NOW
IT IS READY

Development complete

Field tested

Competition proven

Available immediately



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One round instrument. A complete flight platform.

DIGITAL VARIO

NAVIGATION

TERRAIN + MAPS



FLIGHT ASSISTANCE

CONNECTIVITY

IGC LOGGER

57 mm · 80 mm

S20 and S200 share the same new-generation concept

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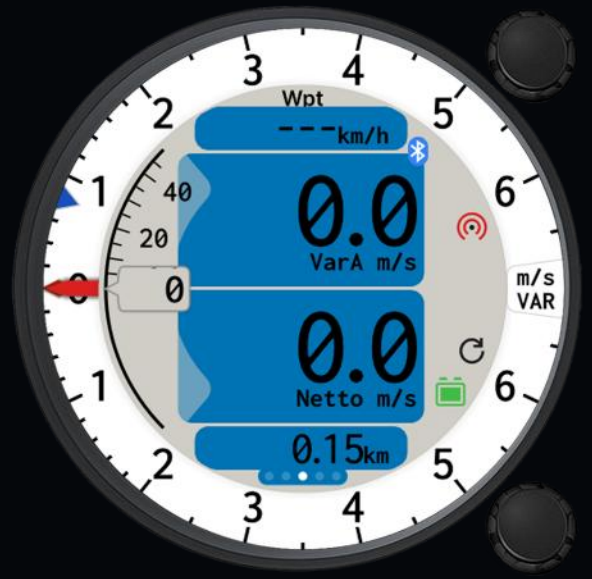
One platform. Two cockpit standards

The same generation in 57 mm and 80 mm.



S20

57 mm



S200

80 mm

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Completely round. Extremely bright

A modern display built for sunlight and fast reading.



1200 NITS

High-resolution round display

Three installation orientations

Bottom, left or right controls

The instrument adapts to the panel without compromising readability.

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Three installation orientations

Choose it the way you want it.







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Task. Terrain. AAT

High-resolution terrain with smart AAT management.



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New Thermal mode

The information needed for the next decision stays visible.



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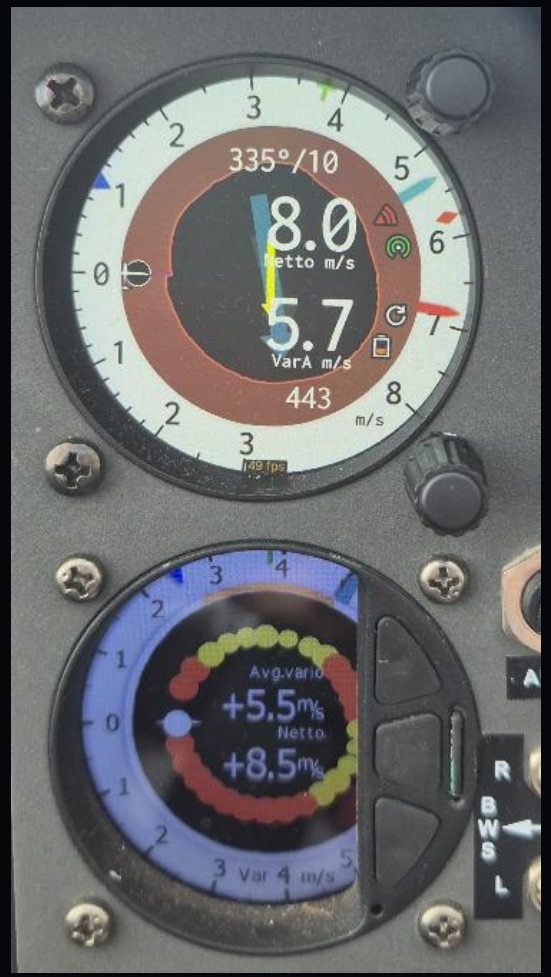
New Thermal mode





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Warnings

Critical alerts stand out, even under high workload.





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HAWK

HAWK has been developed by Heinrich Meyr and Peng Huang and is licensed to LXNAV.





HAWK

3D wind estimation

Extended Kalman filtering estimates air-mass movement in real time.

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Awareness when workload rises

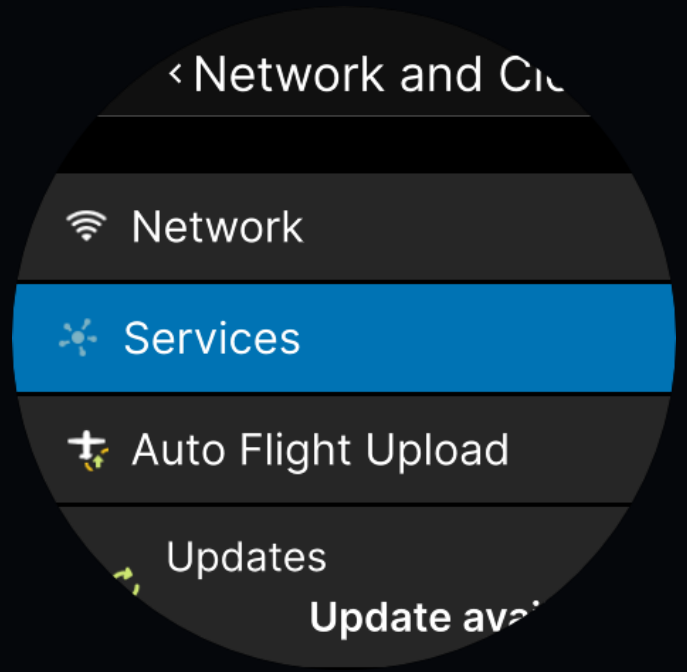
Traffic, attitude and wind information work as one system.





Connected

The platform adapts to the pilot and stays current wirelessly.



WI-FI 6	Software and database updates
BLUETOOTH	Phone, Oudie and cockpit links
≈100 NAVBOXES	Choose only what matters
PILOT PROFILES	Keep layouts and settings personal

1–4 rows · personalized color themes · automatic updates

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Hardware designed for years

The architecture leaves room for software growth after launch.

4 × 1.4 GHz
Cortex-A53 · i.MX 8M Nano

CORTEX-M7
Real-time co-processor

1 GB
RAM

32 GB
Storage

3D GPU
Graphics

UP TO 3 h
Backup battery



Built to support what comes next

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AI makes us faster

It already changes how LXNAV develops, tests and documents software.

FASTER DEVELOPMENT

More code written, reviewed and improved

MORE TESTING

Automated tests and simulations before every release

BETTER DOCUMENTATION

Manuals, translations and support answers

COMING NEXT

VERSION 10

Many new features.

AI helps us build. The pilot still flies.

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AI in the new HW?

The software is ready to grow. In the cockpit, the limit is the hardware.

700 W

ONE DATA-CENTER AI CHIP

What today’s large AI models run on.

A few W

OUR WHOLE INSTRUMENT

Display, sensors and computer — all day on the glider battery. No fan, full sun.

No Wi-Fi

LIMITED AT HIGH ALTITUDES

Wi-Fi works on the ground. Cloud AI needs a connection every second.

Big AI needs big power and a constant connection. A glider has neither.

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The best support in soaring

A product lasts because the team behind it stays.

LXNAV SUPPORT

Direct access to people who understand soaring and the product

FAST ANSWERS

A team that knows the cockpit, not only the manual

LONG PRODUCT LIFE

Updates and support designed to continue for years

The product begins at delivery. The relationship continues after it.

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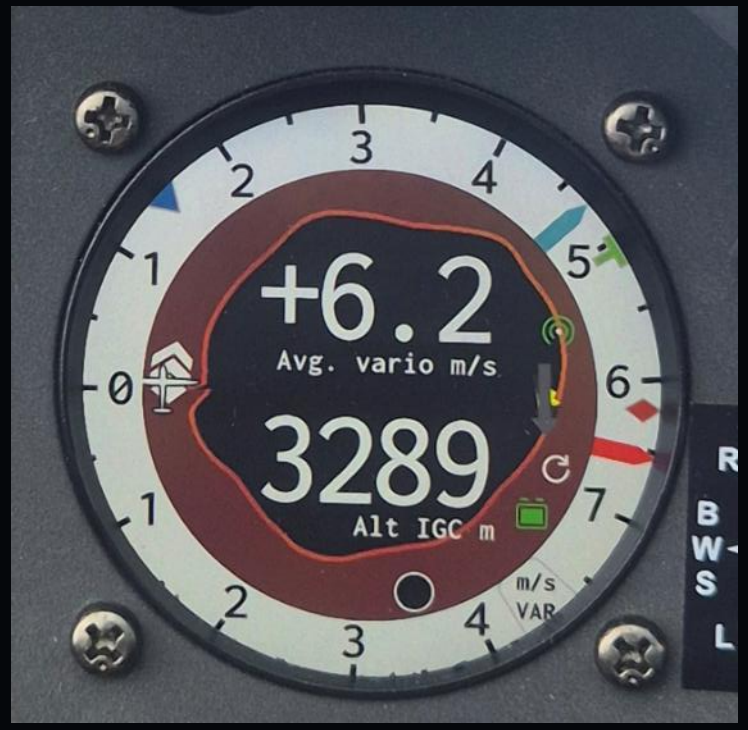
V8+ / V80+

Trade in V5/V9 or upgrade V8/V80.





V8+ advantages

Round.
No buttons (full screen)
Much brighter
New THERMAL mode

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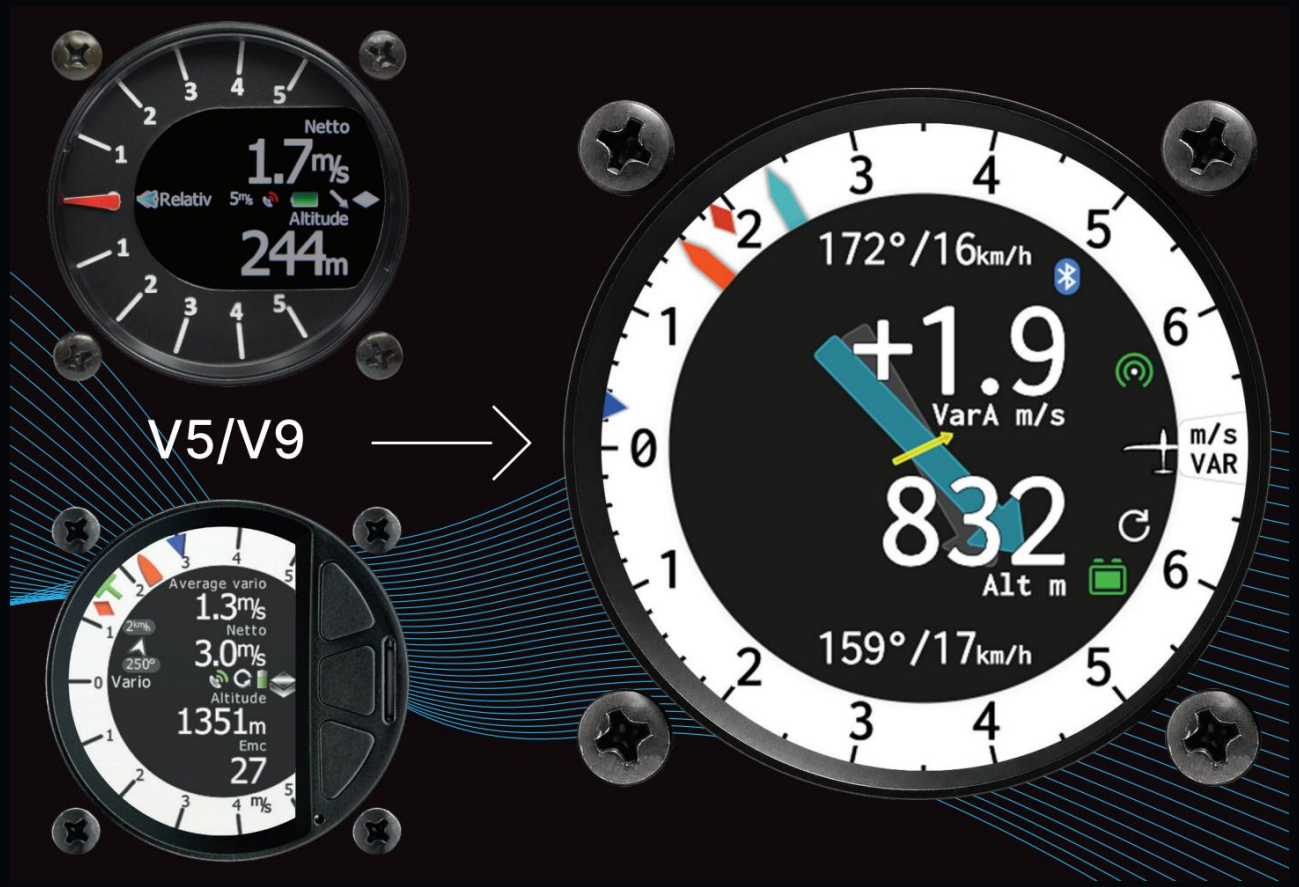
UPGRADE / TRADE IN

Trade in V5/V9 or upgrade V8/V80.



Upgrade

We take back V8 and upgrade it to V8+

€690

Trade in

We take back V5/V9 and give you a NEW V8+

€1,190

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Apt:Livno Brda Bosni
14:51
Thermal
+2.3
VarA
-2.0
AltGain
247
FL
088
Alt
8870
Alt
2704
Agl
1314
Radius
---m
Sutina
1.5
+465
075°/06
809
Battery
13.4v
ETA
15:08
GS
175
tDelta
-0:16
Tsk.Sp

OptHome
OAT
9.9
48
TAS
163
tRemain
2:00
tReq.Sp
102
Opt
268.9
sDis
353
Fcgt
28
LX 9070
SAGN CHN XPDR BARO
124.950
120.225
2732
7000
SBY
Redundancy system
Engine control
Normal system
IC
COM
ON
OFF
ACL
OPEN
CLOSED
-1.8
Avg. vario m/s
2704
Alt IGC m
Reset
D-KZEX

Cockpit until TODAY




ADI2
V8+
S20
Compass
TrafficView57

Available now

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Finally: my promise from the beginning

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LEFT or RIGHT?



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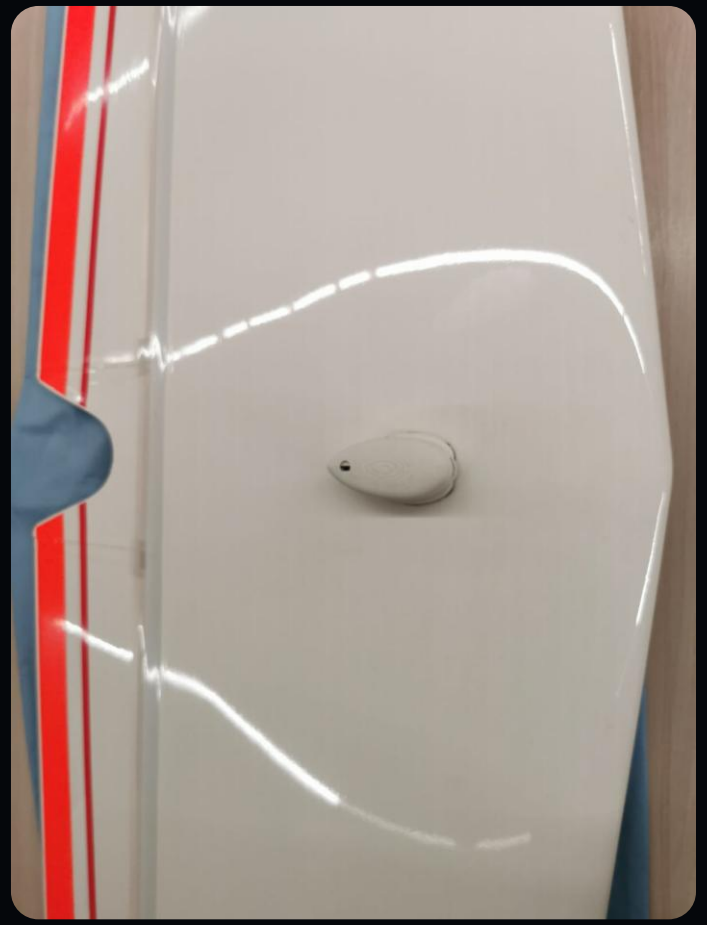
The hardware






15
24
Apt:PTUJ
100
120
80
Winter
W87815
R-10.210/10
250
km/h
150

Finally…

And NO CAMERA.

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