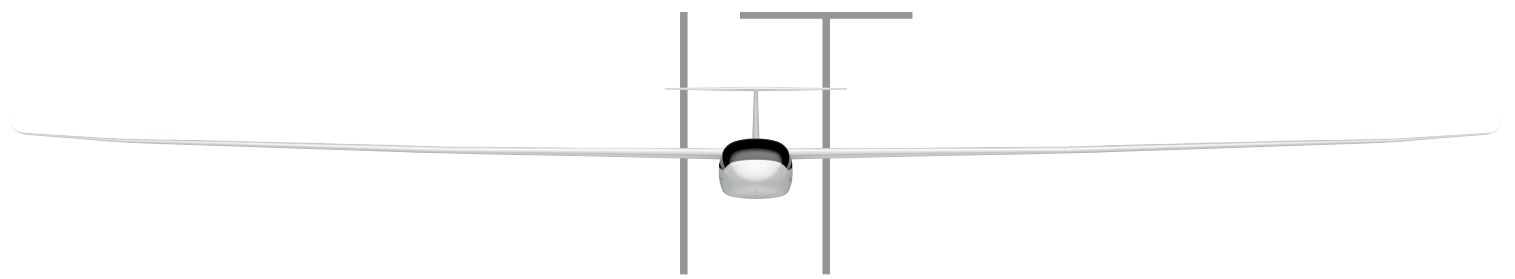


ABOVE



ALL

THE NEW STEMME
TWIN VOYAGER S12.

STEMME

LIFE, ELEVATED.

TAKE YOUR PASSION TO NEW HEIGHTS.
WITH STEMME.
04 — 05

GRAVITY, OUTSMARTED.

INTRODUCING THE STEMME TWIN VOYAGER S12.
THE ULTIMATE HIGH-PERFORMANCE AIRCRAFT.
06 — 07

TOP PERFORMANCE, EXCELLED.

TWO AIRCRAFT, UNITED IN
ONE UNBEATABLY PRECISE MACHINE.
08 — 09

TWO PLANES, UNITED.

UNCOMPROMISING TECHNICAL EXCELLENCE.
10 — 11

COMFORT, MAXIMIZED.

HEIGHTEN YOUR ENTHUSIASM WITH
UNBEATABLE FEATURES.
12 — 13

DYNAMICS, ACCELERATED.

THE NEW WING GEOMETRY AND
HIGH-CLASS EQUIPMENT.
14 — 15

INDIVIDUALITY, BUILT-IN.

YOUR OPTIONAL EQUIPMENT AND
CUSTOMIZATION WITH STEMME.
16 — 17

PERFECTION, HANDCRAFTED.

STEMME TAKES QUALITY TO THE HIGHEST LEVEL.
18 — 19

STANDARDS, OUTNUMBERED.

TECHNICAL DATA STEMME TWIN VOYAGER S12.
20 — 21



LIFE, ELEVATED.

TAKE YOUR
PASSION TO NEW
HEIGHTS
WITH STEMME.

To find excellence, you have to look beyond convention. And experience life from a unique perspective: above it all, aboard a Stemme. Where innovative technology and uncompromising precision spread their wings, a feeling of unparalleled fascination begins. Developed by spirited engineers. Built by hand with dedication and the greatest meticulousness. Flown by individuals who prefer to enjoy life at the highest level.



GRAVITY, OUTSMARTED.

S12

INTRODUCING THE
STEMME TWIN VOYAGER S12. THE ULTIMATE
HIGH-PERFORMANCE AIRCRAFT.

TOP PERFORMANCE, EXCELLED.

TWO AIRCRAFT UNITED IN ONE UNBEATABLY PRECISE MACHINE.



THE COMFORT AND SAFETY OF A SPORTS PLANE, THE SPORTY ELEGANCE AND DYNAMISM OF A SAILPLANE: THESE TWO BECOME ONE IN THE STEMME TWIN VOYAGER S12, WHICH PROVIDES TOP PERFORMANCE IN EVERY DETAIL. WITH 25 METRES WINGSPAN, THE STEMME S12 EXCEEDS ALL EXPECTATIONS—ESPECIALLY THANKS TO ITS OUTSTANDING GLIDE RATIO OF 1:53* AND ITS CRUISING RANGE OF UP TO 1,759 KM (950 NM). LEAVE ALL COMPROMISES BEHIND AND TAKE OFF TOWARD FARAWAY PLACES. WITH A SEPARATE LUGGAGE COMPARTMENT AND AN MTOM OF 900 KILOGRAMS, THIS AIRCRAFT PUTS FEWER LIMITS THAN EVER ON YOUR URGE FOR ADVENTURE.

* to be confirmed following flight tests

ENJOY
FREEDOM

1:53

GLIDE RATIO*

LIVE
LARGE

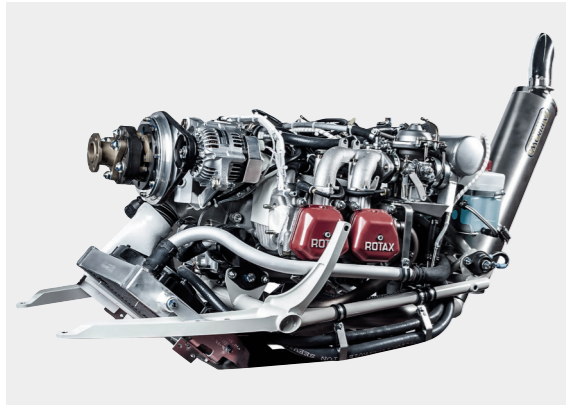
25 m

WINGSPAN

EXPAND
COMFORT

900 kg

MTOM



**OUTSTANDING
PERFORMANCE**
TURBOCHARGED
MID-ENGINE.

Take off autonomously and enjoy gliding. Or start on a fast, long-range flight. The turbocharged mid-engine provides the power and reliability you want. It drives a carbon extension shaft connected to the folding propeller. This innovation allows high-performance operation as a motor airplane with a range of up to 1,759 km (950 nm).

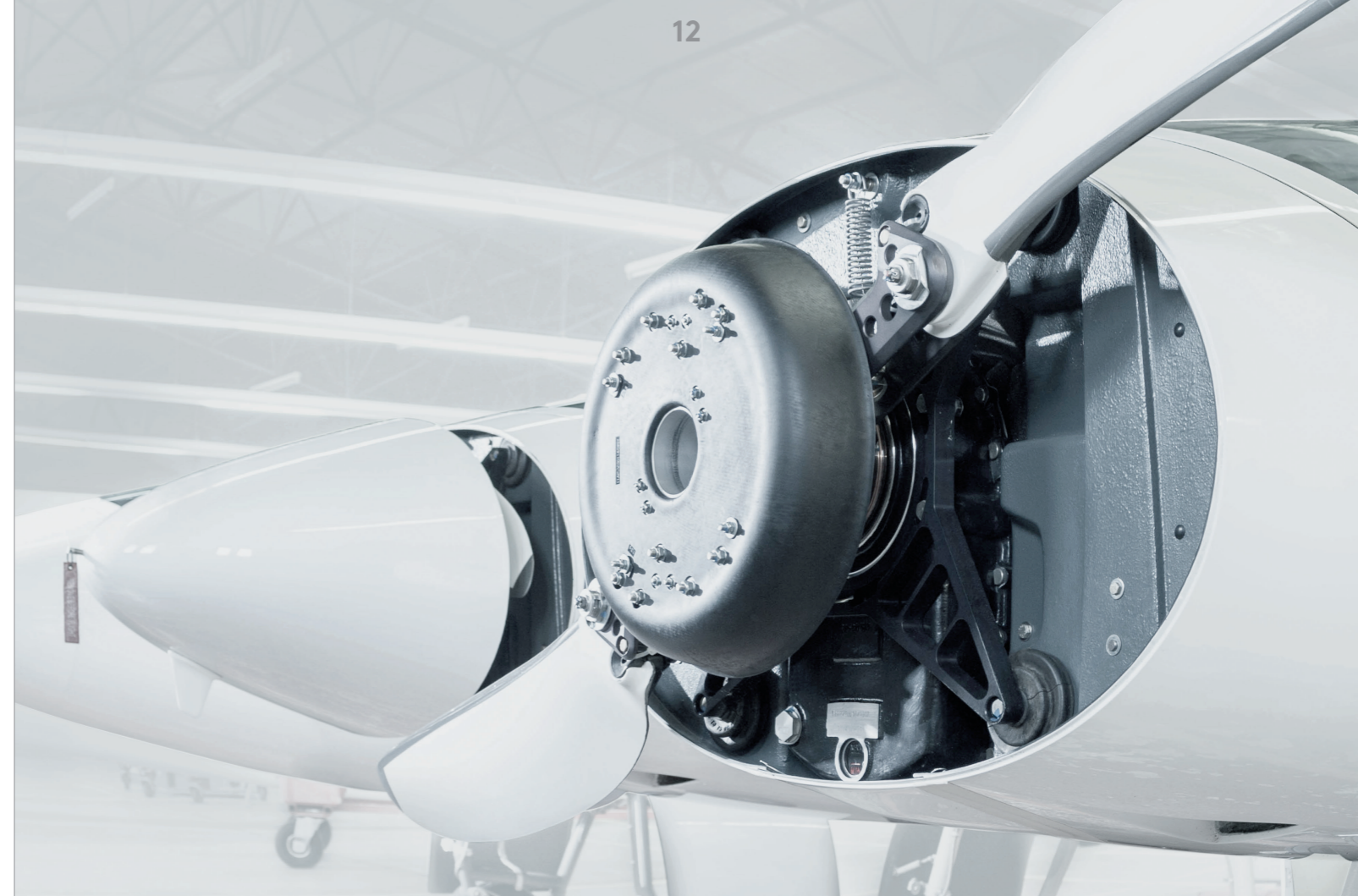


FLY OR GLIDE
UNIQUELY INTEGRATED
ENGINE.

A powerful motorized aircraft whenever you need it and an elegant sailplane whenever you want it. The Stemme-Retrac foldable and variable pitch propeller is installed in the Stemme Twin Voyager S12 and disappears completely into the propeller dome. To start the propeller, the dome slides out and the propeller blades unfold using centrifugal force. It takes just 5 seconds to convert from glider to motorized plane. Unique in this category of a/c is the foldable propeller with variable pitch control.

SHARE THE VIEW
SAFE, SOLID SIDE-BY-
SIDE COCKPIT.

Besides the safe and solid monocoque cockpit technology, the one-piece canopy offers great panoramic views. The side-by-side alignment is ideal for sharing workloads, using the same avionics or simply for pure recreation—just as in conventional planes.

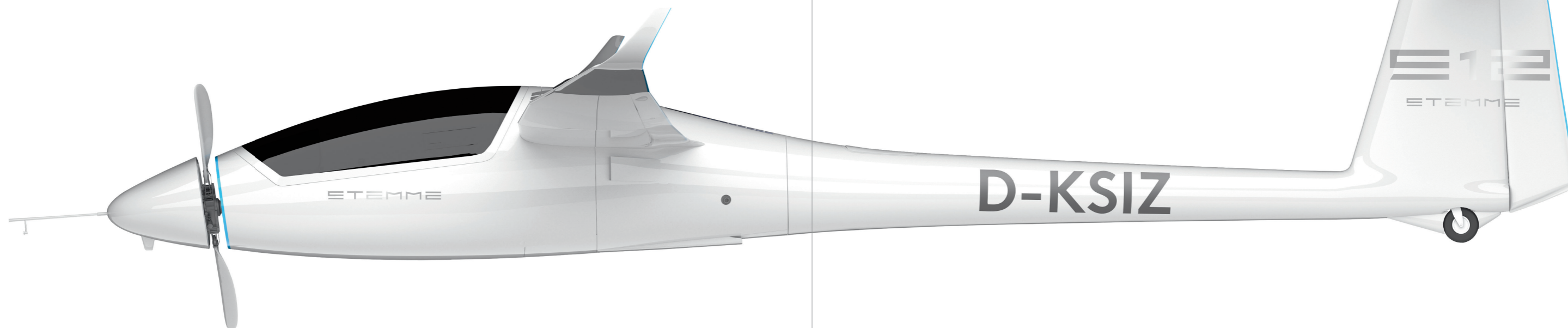


**TWO PLANES,
UNITED.**

STEMME TWIN VOYAGER S12 MEANS
UNCOMPROMISING TECHNICAL EXCELLENCE.

DYNAMICS, ACCELERATED.

WITH NEW WING GEOMETRY AND HIGH-CLASS EQUIPMENT.



1,759 km

RANGE OF UP TO

FASCINATING STEERING FEELING

AUTOPILOT CAN BE
DISENGAGED.

Typical for a high-performance aircraft: the autopilot is standard equipment aboard the Stemme Twin Voyager S12. It will take you where you want to go, when you want to, with maximal gliding dynamics. Because the autopilot can be disengaged and puts command entirely in your own hands. The result: an extremely direct feeling of steering, no delays, unbeatably immediate and sensitive.

OPTIMIZED GEOMETRY

OUTER WINGS AND
VERTICAL STABILIZER.

The geometry of the outer wings was modified to improve gliding performance and achieve a lower sink rate. The perfectly matched vertical stabilizer, which has been enlarged to 1.78 square meters, provides better balance, maneuverability and ease of control.

13 l/h

FUEL CONSUMPTION

MAXIMUM ACCURACY

NEW ELECTRIC TRIM.

With its innovative electric trim system, the Stemme Twin Voyager S12 puts the perfect tool into the pilot's hands.

EXTREMELY RICH

STATE-OF-THE-ART
AVIONICS PANEL.

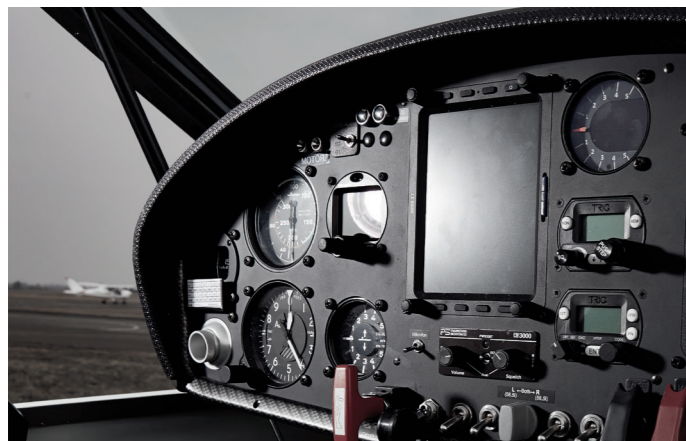
Take off with the security of ultrahigh-performance technology. The cockpit of the Stemme Twin Voyager S12 offers you extremely rich fittings in its category: full glass cockpit and one screen, exactly as aboard commercial aircraft. Enjoy the freedom of individually designing your personal cockpit. The Stemme Twin Voyager S12 lets you choose between two differently styled avionics panels.

259 km/h

CRUISE SPEED OF UP TO

COMFORT, MAXIMIZED.

RAISE YOUR ENTHUSIASM
WITH UNEQUALLED FEATURES.



MORE SPACE OPTIMIZED CENTER- TUNNEL-FAIRING.

There's ample and secure storage space in the Stemme Twin Voyager S12's cockpit for your smartphone, notebook and other onboard companions. The center-tunnel-fairing was redesigned and enlarged to offer convenient storage spaces.

READY TO TRAVEL BAGGAGE COMPARTMENT.

A separate baggage compartment is integrated into the fuselage of the Stemme Twin Voyager S12. By providing space for hand luggage, the compartment allows you to enjoy longer trips.

FLAWLESS AERODYNAMICS RETRACTABLE GEARS.

The retractable gears with their long wheel-base of 1,360 millimeters ensure stability on the ground and impeccable flight and acoustic characteristics in the air. In the retracted position, nothing obstructs the perfect airflow along the fuselage.

INDIVIDUALITY, BUILT-IN.

YOUR OPTIONAL EQUIPMENT AND
CUSTOMIZATION WITH STEMME.



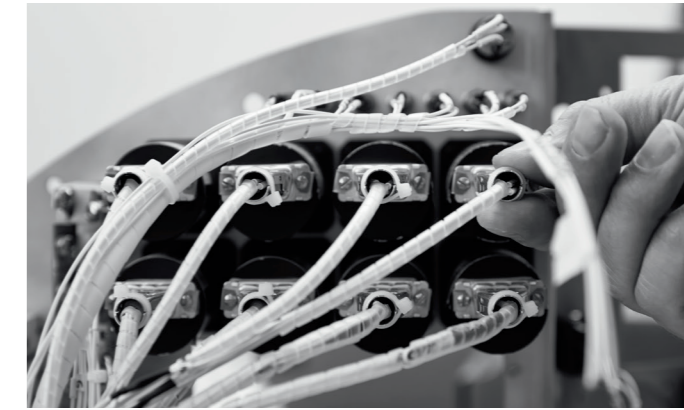
STEMME TWIN VOYAGER S12 MEANS A UNIQUE FLYING EXPERIENCE. UNIQUE IN EVERY DETAIL. AND FAR BEYOND EXTRAS THAT ARE ALREADY STANDARD EQUIPMENT, FOR EXAMPLE, THE BAGGAGE COMPARTMENT. TAKE ADVANTAGE OF OUR RANGE OF OPTIONS AND GIVE YOUR CREATIVE SPIRIT FREE REIN IN DESIGNING YOUR STEMME S12 AIRCRAFT. CHOOSE FROM A WIDE RANGE OF COLOURS AND MATERIALS. WITHIN THE LIMITS SET BY AVIATION REGULATIONS, WE WILL BE PLEASED TO CUSTOMIZE YOUR AIRCRAFT IN ACCORDANCE WITH YOUR REQUESTS.

INDIVIDUAL
INTERIOR
EXAMPLES

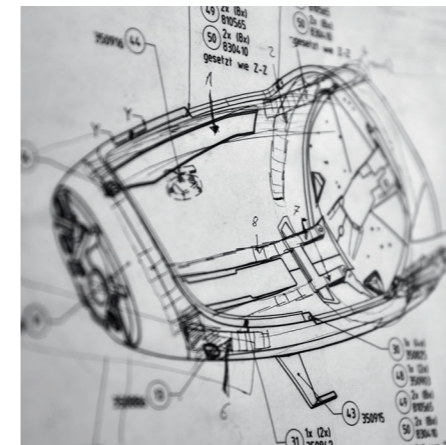


PASSION, HANDCRAFTED.

STEMME TAKES QUALITY TO THE HIGHEST LEVEL.



No other sports aircraft feels like a Stemme. Because no other sports aircraft is built like it. The art of German engineering and high-precision production make it a masterpiece of extraordinary quality and craftsmanship — from the production of the avionics system and mechanical components to the painstakingly precise assembly and through to the demanding quality assurance measures. With their unique construction, special lightweight materials, innovative engine concepts and sophisticated aerodynamics, Stemme sports aircraft are the natural choice for customers who explore the world, lead its people, or just enjoy feeling on top of it.



STANDARDS, OUTNUMBERED.

TECHNICAL DATA STEMME TWIN VOYAGER S12.

WEIGHTS AND MEASUREMENTS

MTOM:
900 kg (1,984 lbs)

Wingspan:
25 m (82.02 ft)

Wingspan (folded):
11.4 m (37.40 ft)

Wing area:
19.95 m² (214.74 ft²)

Height:
1.75 m (5.74 ft)

Length:
8.42 m (27.6 ft)

PERFORMANCE DATA

Glide ratio:
1:53*

Cruise speed up to:
259 km/h (140 kt) TAS @ 10,000 ft

Climb rate:
Better than 4.21 m/s (830 ft/min)*

Range of up to:
1,759 km (950 nm)

ENGINE

Power plant:
ROTAX 914 F2/S1 Turbo

MTOPI:
115 PS/hp

MCP:
100 PS/hp

Fuel capacity (center wing):
120 l (31.7 US gal)

Fuel consumption at 55% MCP:
13 l/h (3.4 US gal/h)

ELECTRICS

Up to 8 solar panels,
additional battery

Full light option

12 V power socket

External power receptacle

Gooseneck microphone

COCKPIT

Different interior colors and premium
material options with low noise ambience

Comfort seats for pilot and co-pilot

Tinted canopy

Lockable windows

FUSELAGE & WINGS

Retractable undercarriage

Winglets

Foldable wings

Water capacity (outer wings):
80 l (21.1 US gal)

Tail trim capacity:
15 l (3.96 US gal)

Luggage compartment in fuselage

AVIONICS (OPTIONS)

Dynon Autopilot

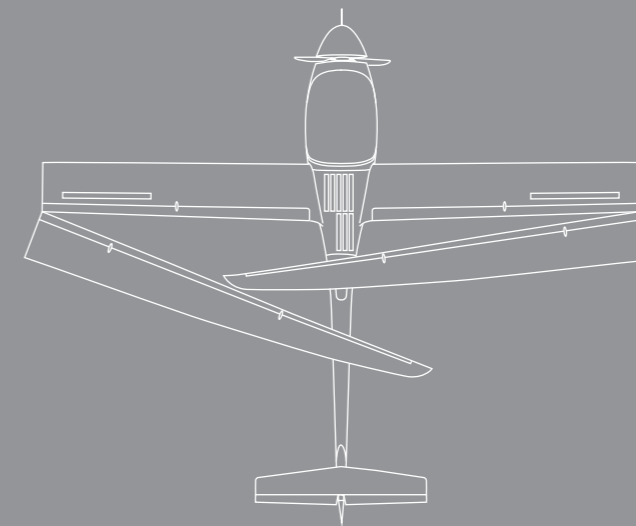
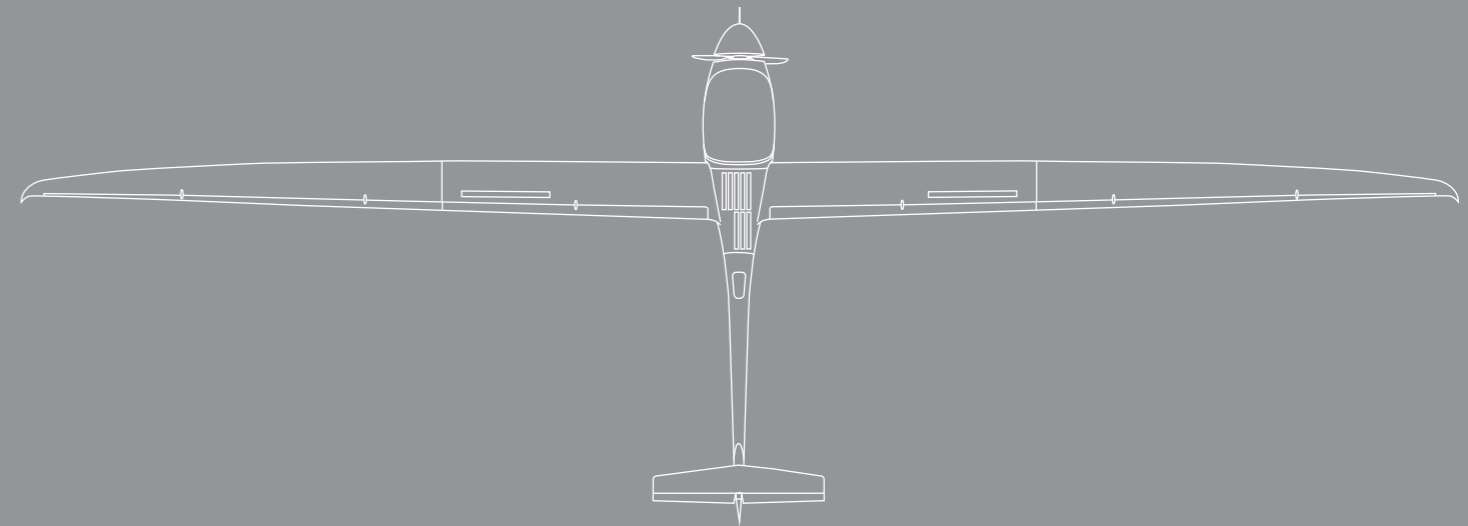
LX soaring computer with e-Vario

AHRS for LX soaring computer

Stick remote control for LX
soaring computer

Dynon EFIS-D10A

Compass, altimeter, ELT 406 MHz, GARMIN
GPS, electric trim indicator, COM, Mode-S
transponder with ADS-B out, traffic sensor
ADS-B in, FLARM in/out, fuel computer,
acoustic stall warning, fire warning, classic
UMA engine instrumentation



THE SIMPLE
THINGS IN LIFE
NOW COME
WITH 25M
WINGSPAN.

S12

STEMME TWIN VOYAGER S12. THE ULTIMATE
HIGH-PERFORMANCE AIRCRAFT.

