

LS4-b

1049 LS4 airplanes built so far

THE MOST POPULAR STANDARD CLASS SAILPLANE, IN ALL COMPOSITE CONSTRUCTION, WINGLETS

The optimal and pilots friendly sailplane with a wide range of possibilities for both, beginners and experienced pilots

Best L/D ratio 42 : 1 - with winglets

LS4 Type Certificate, EASA: EASA.A.095 (previously LBA 345)

LS4 Type certificate data sheet, EASA: EASA TCDS No. A.095

LS4-b price list 2008

Valid as of: June 2008, all older price lists superseded

LS4-b description and list of equipment included in serial:

- single-seat, ready to fly, test-flown
- 15 m / 49.2 ft. wing span - standard class, winglets optional
- tapered wing
- complete airframe in glass fiber composite & sandwich construction with foam
- comfortable and roomy cockpit design for pilots of all sizes
- world known sailplane with its great maneuverability, easy controllability and simple handling
- integral inner cockpit side reinforcement shells for additional pilot protection – bonded to fuselage shell, removable seat shell for practical access to the sailplane systems and controls
- automatic hook ups for all controls
- in flight adjustable back-rest with integrated headrest
- upper wing surface, double height effective airbrakes
- infinitely adjustable trim system, trim handle mounted on the pilot stick
- retractable main undercarriage with shock absorbers, robust TOST Aero main wheel 4.00 x 4
- feet operated effective main wheel brake
- in flight adjustable rudder pedals
- TOST basic / C.G. tow hook, retractable with landing gear
- hinge front opening canopy with instrument console, canopy with side sliding ventilation window
- cockpit additional ventilation system
- complete cockpit painting, Acryl paint
- fin integrated VHF antenna, line cable forwarded to instrument console
- traditional ELAN / AMS quality white painted surfaces and finish, PE paint of “Schwabelack” / AKZO Nobel system
- service package set, main bolts, tools, bag
- flight-, maintenance- manuals and all necessary factory reports
- Export certificate of airworthiness and Non registration certificate according to EASA rules

Additional factory included serial equipment inside the base price of LS4-b:

- Roger, pivot point at canopy rear for safety and clean separation during canopy jettison
- large 210 x 65 pneumatic tail wheel, mounted
- standard LS4 mounting for trim weights, “trim box”, included
- oxygen flask receptacle, diameter 112 mm / 4.4 in., mounted
- tail battery box for second battery package, integrated, line cables forwarded to instrument console
- wing tip skids on the wing ends, mounted
- standard TEK=ST and Pitot adapters, fin integrated, line hoses forwarded to instrument panel
- safety 4 point complete harnesses, Schroth, with rotating closure
- standard instrument panel / console, dark standard painted, ready for instruments installation
- seat cushion, cloth & foam, standard
- interior upholstery with convenient side storage pockets left-right, headrest
- air scoop opening included in canopy slide window
- registration No., contest letters and glider logo, paint printed in one of factory standard height / color (red, blue, grey, green)

- cotton canopy dust cover, white
- all control surfaces gaps standard LS4-b sealed

Price € 36.400 ○

LS4-b extras in packages, factory proposal:

	Price in €	
Package 1, factory recommended & discounted, Seat In and Fly	6.390,00	
Front, second one, Tost tow hook installed – added to the C.G. one		
Winglets type LS4-b, certified, with small wheels included, winglets removable “in seconds” via automatic connections, small wing tips as second pair are not included		
Special all Acrylic, 2K, weather and UV-long term resistant white painting & finish		
Sensitive altimeter, two pointers, installed, 0 – 1.000 – 10.000 m, with millibar scale or 0 – 1.000 – 20.000 ft, with inches or millibar scale, 80mm or 57 mm		
Airspeed indicator, 0-300 km/h (0-160 knots), sensitive – spiraled, installed, LS4-b color marked, 80mm or 57 mm, km/h or knots		
Magnetic compass, mounted inside the instrument panel, Airpath C2300		
Electric audio vario-meter, 3 choices, installed, ILEC SB-9 / 57mm, Ilec SC-7 / 80 mm or Tasman TAS-V1000 digital / 57 mm, m/s or knots (pneumatic vario is not part of minimum equipment of the LS4-b – look TCDS)		
Filser 760-channel VHF ATR 500 or Microair M760 VHF transceiver (by choice), installed complete, wiring harness, connectors, own fuse protection, gooseneck transceiver compatible dynamic microphone with cable, loudspeaker with cable, press-to-talk switch with cable pilot stick mounted		
TEK probe, for standard TEK-ST adapter installed, Ilec 500 mm		
Battery 12V, 12 Ah, baggage compartment mount & mounted, wired, fuse protected, instrument console 12V battery charging / supply socket mounted and fuse protected , standard socket for charger added , toggle ON-OFF Avionics switch installation included		
Transponder self installation later on possibility, position complete organized, 57 mm I-panel hole, closed with cover, electric supply organized till added fuse housing included		
Transponder antenna, cable of T. Modes S-A-C required (Aircell 7), complete installed and prepared, certified, cable end is BNC connector at the instrument console		
Package 2, factory recommended & discounted, LS4-b Ground Handling +	6.820,00	
LS4-b designed AVG 15 Avionic (15-18m) quality trailer, white composite cover as lift top, TÜV certified, chassis made from metal, including all installations adapted on LS4-b parts, fuselage loading platform / ramp (2 rails) with lift, automatic back-up brake release with hitch, Ready to Load and to Drive home, delivered till ex works AMS		
Tail dolly for ground handling, axle ready for car tow ramp, LS4-b fuselage shaped		
Wing tip saddle & dolly for ground handling, foldable, LS4-b wing shaped		
Wing support for two-man assembly, Alu, foldable of modern design		
Two seals sockets for TE and Prantl pick-ups with flag “Remove before flight”		

LS4-b optional equipment / extras by choice:

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|---|-----------------|---|
| 1. Winglets type LS4-b, with small wheels | 2.410,00 | ○ |
| 2. Surcharge wing tip wheels mounted on wing ends, instead of tip skids, set | 98,00 | ○ |
| 3. Additional, second, nose tow hook | 630,00 | ○ |
| 4. Surcharge tinted canopy | 285,00 | ○ |
| 5. Wing water ballast system, wing water bags, 2 x 80 l / 21.14 U.S. gal, control system with automatic hook ups, filling equipment set, thermometer indication, installation | 820,00 | ○ |
| 6. Surcharge for fin ballast water tank system, with tail battery box included, tail integrated | 640,00 | ○ |
| 7. Special all Acrylic, 2K, weather and UV-long term resistant white painting & finish | 1.460,00 | ○ |
| 8. Necessity provision / relief tube, cockpit installed (without equipment) | 69,00 | ○ |
| 9. Trim weights for raising the minimum seat load, max. 3 pieces, each | 68,00 | ○ |
| 10. Surcharge pilot stick, airbrake handle, ... in leather design, each | 44,00 | ○ |
| 11. Oxygen cylinder mount, installed | 142,00 | ○ |
| 12. Landing gear control buzzer system, audio warning signal | 147,00 | ○ |
| 13. Battery 12V, 12 Ah, mount, baggage compartment mounted, wired, fuse | 165,00 | ○ |
| 14. Battery 12V, 8Ah, second one, fin - vertical stabilizer complete mounted, wired, fuse, toggle 1-0-2 | 264,00 | ○ |
| 15. Pres to talk press button switch with cable to instrument console, pilot stick mounted | 52,00 | ○ |
| 16. Filser 760-channel VHF ATR 500 transceiver, installed complete, wiring harness, connectors, | | |

own fuse protection, gooseneck transceiver dynamic microphone, loudspeaker, press-to-talk switch pilot stick mounted	1.458,00	○
17. Transponder antenna, cable for transponder modes S-A-C required (Aircell 7), complete installed	246,00	○
18. Pneumatic vario, installed, +/- 5 m/s or +/- 10 knots, 57 or 80 mm, including compensation flask	456,00	○
19. Magnetic compass, mounted inside the instrument panel, Airpath C2300	195,00	○
20. Airspeed indicator, 0-300 km/h (0-160 knots), sensitive – spiraled, installed, LS4-b color marked, 80mm or 57 mm, km/h or knots	315,00	○
21. Sensitive altimeter, two-three pointers, installed, 0 – 1.000 – 10.000 m, with millibar scale or 0 – 1.000 – 20.000 ft, with inches or millibar scale, 80mm or 57 mm	595,00	○
22. TEK probe, go together with serial TEK/ST adapter, Ilec, 500 mm / 19.7 in.	65,00	○
23. TEK probe, go together with serial TEK/ST adapter, type BR/ST, 800 mm / 31.5 in., ESA-Systems	108,00	○
24. Multifunction TEK probe type BR/UN suitable for Prantl-M-P Adapter, including UN multifunction adapter inside vertical tail integrated, probe length 880 mm / 34.6 in., ESA-Systems	462,00	○
25. Seal fitting for TEK/ST and Prantl-M adapters 8 mm with flag “Remove before flight”, each	28,00	○
26. National flag, tail both sides, standard size, paint printed or sticker	42,00	○
27. Anti-collision markings: pair of winglets, rudder edge - two lines standard, red standard	320,00	○
28. Anti-collision markings: pair of winglets, rudder edge two lines, fluorescent red, two layers, lacquered	540,00	○
29. Camera mount / logger mount, standard	64,00	○
30. All weather and UV protection covers Top-Cover, Tyvek, for all sailplane, LS4-b	840,00	○
31. Cotton white dust protection covers for all sailplane, LS4-b	380,00	○
32. Tail dolly for ground handling, axle ready for car tow ramp, LS4-b fuselage shaped	215,00	○

Other instruments, accessories and installation / service orders and prices are available on the request. Prices are in EUR and without Tax/VAT (20% in Slovenia), ex-works AMS facility, Slovenia.

Sales are organized with the Option to Purchase fully refundable deposits of EUR 2.000 to perform the LS4-b batch production of 8 sailplanes inside the each batch minimum. Option to Purchase guarantees purchase, secures a delivery position inside the sequence and guarantees the LS4-b Basic price as defined in hereby. We send Option to Purchase agreement proposal on the request.

Order deposit of the EUR 8.000 in total secures a fixed delivery month and guarantees purchase price of LS4-b Basic as it is defined hereby and as well Package 1 + Package 2 prices. Other prices for the equipment, instruments and other accessories are those effective at the time of the issue of the final pro-forma invoice or when full payment is received. Order deposit is fully and immediate refundable if order cancellation is came not latest than 9 months before the agreed delivery term and after receiving the purchaser written request to return it. Final delivery date will be binding when the Order deposit is received and specification of the ordered aircraft is confirmed by AMS – FLIGHT, d.o.o.

Prices are fixed as specified above & hereby. AMS holds actual complete LS4-b price list at every time. Decisions for options shall be sent on time according the production needs and decisions to avoid additional work and costs. Additional minimum specification is necessary before the delivery:

- glider registration No.(sign, color), contest letters (marks, color) and logo by the cockpit sides (color)
- confirmation of the scope and instrument panel organization

Final payment is before or at the date of delivery and acceptance. Sales are governed by AMS-FLIGHT, d.o.o. general terms and conditions. Deposits paid are not interest bearing. This document can be used as Option to Purchase and Order / order specification confirmation.

AMS bank account: SKB banka d.d., Ljubljana
 Ajdovscina 4, SI-1513 LJUBLJANA, Slovenia
 BIC / SWIFT code: **SKBASI2X** (“I” inside the code is large “I” not 1 - one !!!)
 IBAN / international account No.: **SI56031391000266360**

Name, address and country of the purchaser

Phone number – fax number – e-mail address:

AMS delivery term / SN of sequence confirmation:

Purchaser confirmation and date: AMS confirmation and date: