SebArt *professional line*

Stev S 30E ARF

ASSEMBLY MANUAL

The new trainer ***Stev S*** *30E ARF,* was designed by Italian Champion Sebastiano Silvestri.

With this design SebArt reinvented the idea of the Trainer. This professional ARF kit is the result of more than 25 years in model airplane design experience. This innovative design combined with the extremely lightweight structure, all wood airframe, give the ***Stev S*** *30E* an impressive precision and smoothness at any airspeed and flight condition.

It is unbelievable how the ***Stev S*** *30E* can do it all!

It can fly very stable and easy at any airspeed: a dream for every beginner.

In expert hands it can perform very easy reverse flight, hover, positive harrier, low speed knife edge, and almost anything else you can dream up are waiting you, and that for a trainer is revolutionary!

.....your Stev S is waiting you!

Specifications

Wing Span:..…….....157 cm (62 in.)
Length:…….....……..... 138 cm (54 in.)
Wing Area:……..... 44 dm2 (680 sq.in.)

Recommended power set up:
Motor:..... Hacker A30-14L
ESC:……. X40 SBec-Pro

Weight:……...1.450 g. RTF less battery (50 oz)
Radio: 4+ channel with 4 sub-micro servo(12g.)
Battery: …….Thunder Power 2700-3S
Propeller: ……..……. APC 14x7E

Required radio, motor and battery

Radio equipment:

- Minimum 4-channel radio system
- 5 digital sub-micro servo, recommended JR PROPO DS386, DS385 or DS381
- 2 servo extension 600mm, for elevator and rudder servo
- 2 servo extension 200mm, for aileron servo

Recommended electric motor for best performance:

- Hacker A30-14L + X40 SBec-Pro controller + APC 14x7 E

Recommended Li-Po battery pack for best performance:

- Thunder Power 2700-3S…..or larger size for longer flight time

Additional required item, tools and adhesives

Tools:

- Drill
- Drill bits: 1,5mm, 2mm, 3mm
- Phillips screwdriver
- Hobby knife
- Soldering iron

Adhesives:

- thin CA
- medium CA

Warning

This RC aircraft is not a toy!
If misused, it can cause serius bodily harm and damage to property. Fly only in open areas, preferably in official flying sites, following all instructions included with your radio and motor.

Before starting assembly

Before starting the assebly, remove each part from its bag and protection for a prior inspection. Closely inspect the fuselage, wing panels, rudder, and stabilizer for damage. If you find any damage or missing parts, contact the place of purchase.
If you find any wrinkles in the covering, use a heat gun or covering iron to remove them. Use caution while working around areas where the covering material overlap to prevent separating the covers.

Warranty information

SebArt garantees this kit to be free from defects in both material and workmanship at the date of purchase.
This warranty does not cover any parts damage by use or modification, and in no case shall SebArt's liability exceed the original cost of the purchased kit.
Further, SebArt reserve the right to change or modify this warranty without notice. In that SebArt has no control over the final assembly or material used for the final assembly, no liability shall be assumed or accepted for any damage of the final user-assembled product. By the act of using the product, the user accepts all resulting liability.
If the buyer is not prepared to accept the liability associated with the use of this product, the buyer is advised to return this kit immediately in new and unused condition to the place of purchase.

Control throws

Please, follow carefully the recommended linkage setups for ailerons, elevators and rudder.

- For the AILERON we recommend the following throws:
  Low rate: 20° up / 20° down **Expo:** 20%
  High rate: 40° up / 40° down **Expo:** 60%

- For the ELEVATOR we recommend the following throws:
  Low rate: 20° up / 20° down **Expo:** 20%
  High rate: 40 ° up / 40° down **Expo:** 60%
- For the RUDDER we recommend the following throws:
  Low rate: 30° left / 30° right **Expo:** 20%
  High rate: 40° left / 40° right **Expo:** 60%

Note: the **Expo** is (+) for JR systems, and (–) for Futaba systems

Use the recommended expos to soften the feel of the model, expecially on high rates. The goal is to get the model to feel the same around neutral as it does on low rates.

Recommended CG

The recommended **Center of Gravity** location is **105mm** behind the leading edge of the wing against the fuselage.
Use the battery pack, moving it forward or backward, to achieve the correct balance.

Pre-flight

Never attempt to make full throttle dives! This model have to be flown like a full-scale airplane. If the airframe goes too fast, such as in a high throttle dive, it may fail. Throttle management is absolutely necessary.

Range test your radio

- ✓ Before fly, be sure to range check your radio as manufacturer's instruction manual of you radio-system recommend.
- ✓ Double-check all controls (aileron, elevator, rudder and throttle) move in the correct direction.
- ✓ Be sure that your motor battery pack is fully charged, as per the instructions included with your batteries and that your radio is fully charged as per its instructions.

Finally... have nice flights!

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