Shoestring 15e ARF

Assembly Manual

E-flite®

ADVANCING ELECTRIC FLIGHT

Contents of Kit/Parts Layout

Replacement Parts

EFL420501	Fuselage with Hatch
EFL420502	Main Wing Set with Ailerons
EFL420503	Tail Set
EFL420504	Landing Gear with Axle
EFL420505	Wheel pants set (painted)
EFL420506	EP Standoff set (8pcs)
EFL420507	Cowl (painted)
EFL420508	Wing tube
EFL420509	Fuselage hatch
EFL420510	Hardware Bag
EFL420511	Landing Gear with Axles
EFL420512	Wing Mounting Clips

Covering Colors

Midnight Blue	HANU885
Sky Blue	HANU875
Bright Yellow	HANU872

Hardware/Accessory Sizes

Main wheel	2-inch (52mm)
Tail wheel	1/2-inch (13mm)

Before Starting Assembly

Before beginning the assembly of your model, remove each part from its bag for inspection. Closely inspect the fuselage, wing panels, rudder and stabilizer for damage. If you find any damaged or missing parts, contact the place of purchase.

If you find any wrinkles in the covering, use a heat gun (HAN100) and covering glove (HAN150) or covering iron (HAN101) with a sealing iron sock (HAN141) to remove them. Use caution while working around seams or areas where the colors overlap to prevent pulling the seams.

Recommended Radio Equipment

You will need a minimum 4-channel transmitter, receiver and four servos.

Recommended Transmitter

SPMR5510	DX5e DSMX® 5-Channel Transmitter Only

Additional Items

SPMAR7010	AR7010 7-Channel DSMX Receiver
SPMSA5030	Mini Digital Aircraft Servo (2)
JRPS388	Digital Micro Metal Gear Servo (2)
SPMA3001	6-inch (152mm) Servo Extension (2)

Recommended Sport Setup

Motor:	Power 15 Brushless 975Kv Outrunner (EFLM4015A)
Speed Control:	40A Pro Switch-Mode BEC BL ESC (EFLA1040)
Battery:	3200mAh 3S 11.1V 30C Li-Po Battery (EFLB32003S30)
Spinner:	1.5-inch Aluminum Bullet Spinner (EFLSP150B)
Propeller:	10 x 10E (APC10010E)

Recommended Racing Setup

Motor:	Power 25 BL 1250Kv Outrunner (EFLM4025B)
Speed Control:	60A Pro Switch-Mode BEC BL ESC (EFLA1060)
Battery:	4S 14.4V 30C Li-Po Battery (EFLB25004S30)
Spinner:	1.5-inch Aluminum Bullet Spinner (EFLSP150B)
Propeller:	8 x 8E (APC08080E)

Optional Accessories

EFLA110	Power Meter
EFLC3025	Celectra™ 80W AC/DC Multi-Chemistry Battery Charger

Required Tools and Adhesives

Tools & Equipment

Drill	Epoxy brush
Felt-tipped pen	Flat blade screwdriver
Low-tack tape	Light machine oil
Long nose pliers	Mixing cup
Mixing sticks	Needle nose pliers
Paper towels	Pencil
Pin vise	Phillips screwdriver: #1, #2
Rubbing alcohol	Ruler
Sandpaper	T-pins
Side cutter	Square
Straight edge	Toothpicks

Balancing stand (optional)
Open end or box wrench: 10mm, 13mm
Hook and loop strap (EFLH1444)
Hook and loop tape (DUB348)
Hobby knife with #11 blade
Hex wrench or ball driver: 2.5mm, 3/32-inch, 3mm
Drill bit: 1/32-inch (1mm), 1/16-inch (1.5mm), 5/64-inch (2mm), 1/8-inch (3mm), 5/32-inch (4mm)

Adhesives

Medium CA	PAAPT02
Thin CA	PAAPT08
Threadlock	PAAPT42
30-minute epoxy	PAAPT39
Plastic Tape, Clear, 3/4 x 125-inch	MMM190CL

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