

Carbon Cub FX-3

Almost-Ready-To-Fly

HANGAR 9®



HORIZON®
H O B B Y

Instruction Manual
Bedienungsanleitung
Manuel d'utilisation
Manuale di Istruzioni

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REPLACEMENT PARTS

Part #	Description
HAN528001	Fuselage
HAN528002	Wing, Left-Hand
HAN528003	Wing, Right-Hand
HAN528004	Light Covers
HAN528005	Fin and Rudder
HAN528006	Cowling
HAN528007	Hardware Set
HAN528008	Wooden Parts
HAN528009	Wing Struts
HAN528010	Pushrod Set
HAN528011	Side Windows
HAN528012	Windshield
HAN528013	Light Set
HAN528014	Tow Release
HAN528015	Tail Wheel
HAN528016	Wheels, 8.5 inches (261mm)
HAN528017	Fuel Tank
HAN528018	Wing Tube
HAN528019	Tail Tubes
HAN528020	Wing Bags
HAN528021	Decal Sheet
HAN528022	Strut Covers
HAN528023	Scale Parts
HAN528024	Fuel Caps
HAN528025	Tail Brace
HAN528026	Landing Gear Dampers
HAN528027	Landing Gear
HAN528028	Stabilizer and Elevator Set, Left and Right

REQUIRED ADHESIVES

Description
15-minute epoxy
30-minute epoxy
Canopy Glue
Thin CA
Medium CA
Threadlock, low and high strength

REQUIRED FOR COMPLETION

# Required	Part #	Description
1	DLEG0130	DLE-130cc Twin Gas Engine with Electronic Ignition
1	DLEG0170	DLE-170cc Twin Gas Engine with Electronic Ignition
1	EVOA112	Evolution 3 Wire Ignition/Receiver Switch
1	HAN116	Fuel Filler with "T" and Overflow Fittings
2	SPMA3003	Heavy-Duty Servo Extension 12-inch
2	SPMA3004	Heavy-Duty Servo Extension 18-inch
4	SPMA3005	Heavy-Duty Servo Extension 24-inch
2	SPMA3006	Heavy-Duty Servo Extension 36-inch
2	SPMA3007	Heavy-Duty Servo Extension 48-inch
1	SPMAR12310T	AR12310T 12CH PowerSafe Telemetry RX
2	SPMEXEC324	24-Inch EC3 Extension with 16AWG
7	SPMSA6310	A6310 U-T/H-S Brushless HV Servo
1	SPMSA6380	A6380 H-T/H-S Digital HV Servo
6	SPMSP3101	Aluminum 1/2 Servo Arm, 1.5-inch
1	SPMSP3103	Aluminum Double Servo Arm, 2.5-inch
3	SPMX40002SRX	4000mAh 2S 7.4V Smart Receiver Battery; IC3

OPTIONAL PARTS

# Required	Part #	Description
1	EVOA100	Optical Ignition Kill Switch
1	SPMAS3000	AS3000 AS3X Stabilization Module
1	SPMX13003S30M	1300mAh 3S 11.1V Smart 30C LiPo; IC3
1	SPMXCA305	Connector: IC3 Device/Wire 4-inch

TOOLS REQUIRED

Description
Adjustable wrench
Balancing stand
Box Wrench Set
Clamps
Crimping tool
Drill and tap set, metric
Drill bit set, Imperial or Metric
Epoxy brushes
Felt-tipped pen
Hemostats
Hex wrench set, Imperial and Metric
Hobby knife with #11 blade
Hobby scissors
Hook and loop straps
Hook and loop tape
Isopropyl alcohol
Light machine oil
Low-tack tape
Mixing sticks
Needle nose pliers
Nut driver set, Imperial and Metric
Paper towels
Pencil
Petroleum jelly
Phillips screwdriver: #1, #2
Pin vise
Rotary tool
Ruler
Sanding bar
Sanding drum for rotary tool
Sandpaper
Scissors
Side cutters
Square
Tap handle
Tapered reamer
Tie wraps
Toothpicks
Wire stripper

REQUIS POUR LA FINITION

Nombre requis	Référence	Description
1	DLEG0130	Deux moteurs à essence DLE-130 cm ³ avec allumage électronique
1	DLEG0170	Deux moteurs à essence DLE-170 cm ³ avec allumage électronique
1	EVOA112	Interrupteur Evolution 3 fils Allumage/RX
1	HAN116	Point de remplissage de carburant avec coupleur en T
2	SPMA3003	Rallonge de servo, 300 mm
2	SPMA3004	Rallonge de servo, 450 mm
4	SPMA3005	Rallonge de servo, 610 mm
2	SPMA3006	Rallonge de servo, 915 mm
2	SPMA3007	Rallonge de servo, 1220 mm
1	SPMAR12310T	Récepteur PowerSafe avec télémetrie AR12310T 12 canaux
2	SPMEXEC324	Rallonge EC3™ 60 cm, section 1.5mm ²
7	SPMSA6310	Servo A6310 U-T/H-S sans balai HV
1	SPMSA6380	Servo A6380 H-T/H-S numérique HV
6	SPMSP3101	Bras de servo 1/2 en aluminium, 38 mm (1,5 po)
1	SPMSP3103	Bras de servo double en aluminium, 63,5 mm (2,5 po)
3	SPMX40002SRX	Batterie de récepteur Smart 7,4 V 2S 4 000 mAh ; IC3

PIÈCES FACULTATIVES

Nombre requis	Référence	Description
1	EVOA100	Coupe-circuit optique d'allumage
1	SPMAS3000	Module de stabilisation AS3000 AS3X
1	SPMX13003S30M	LiPo 30C Smart 11,1 V 3S 1 300 mAh ; IC3
1	SPMXCA305	Connecteur : dispositif IC3/fil 102 mm (4 po)

OUTILS NÉCESSAIRES

Description
Clé ajustable
Support d'équilibrage
Ensemble de clés polygonales, métriques
Serre joint
Pince à sertir
Ensemble de clés à six pans, métrique
Ensemble de mèches, impériales ou métriques
Pinceau Epoxy
Feutre fin effaçable
Pince Hemostat
Ensemble de clés à six pans, impériales ou métriques
Couteau : Lame numéro 11
Ciseaux
Bande auto agrippante
Bandes auto agrippante
Alcool isopropylique
Lubrifiant
Adhésif de masquage
Récipients pour mélanger et bâtons
Pince fine
Ensemble de tournevis à écrou, impérial ou métrique
Papier absorbant
Crayon à papier
Gelée de pétrole
Tournevis cruciforme: #1, #2
Porte forets
Multioutil
Réglet
Cale à poncer
Poncette rotative
Papier de verre
Ciseaux
Pince coupante
Équerre
Tourne-à-gauche
Alésoir conique
Colliers
Cure dents
Pince à dénuder

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