Problem	Possible Cause	Solution
Control surface does not move	Control surface, control horn, linkage or servo damage	Replace or repair damaged parts and adjust controls
	Wire damaged or connections loose	Do a check of wires and connections, connect or replace as needed
	Transmitter is not bound correctly or the incorrect model was selected	Re-bind or select correct model in transmitter
	Flight battery charge is low	Fully recharge flight battery
	BEC (Battery Elimination Circuit) of the ESC is damaged	Replace ESC
Controls reversed	Transmitter settings are reversed	Perform the Control Direction Test and adjust the controls on transmitter appropriately
Motor power pulses then motor loses power	ESC uses default soft Low Voltage Cutoff (LVC)	Recharge flight battery or replace battery that is no longer performing
	Weather conditions might be too cold	Postpone flight until weather is warmer
	Battery is old, worn out, or damaged	Replace battery
	Battery C rating might be too small	Use recommended battery
Aircraft control surfaces do not move after switch is turned on	Aircraft was moving during initialization	Keep aircraft still during initialization

Replacement Parts

Part #	Description
HBZ6101	Hatch: Apprentice STOL 700
HBZ6102	Fuselage w/tail: Apprentice STOL 700
HBZ6103	Wing Set: Apprentice STOL 700
HBZ6104	Wing Bolts: Apprentice STOL 700
HBZ6105	Prop 6 x 3.5: Apprentice STOL 700
HBZ6106	Spinner w/Screw: Apprentice STOL 700
HBZ6107	Motor Collet: Apprentice STOL 700
HBZ6108	Motor Mount: Apprentice STOL 700
HBZ6109	Hardware Set: Apprentice STOL 700
HBZ6110	Landing Gear Set: Apprentice STOL 700
HBZ6111	Screw Set: Apprentice STOL 700
HBZ6112	Decal Sheet, water-slide: Apprentice STOL 700
SPMXAM2900	Brushless Outrunner Motor: 1810-2000Kv 12-Pole
SPMSA203	2.2g Linear Servo High-Torque w/servo mount
SPMAS6420AA	DSMX/SLT 6-Channel Rx AS3X/SAFE: Apprentice STOL
SPMR1275	SLT6LP 6-Channel Transmitter
SPMXAE06	Avian 6-Amp Smart Lite Brushless ESC; 2S-3S PH/UMX
SPMXC0020	2S USB-C PH2.0 3-pin Charger
SPMA2002	Y-Harness: Ultra Micro 3"
SPMXC0020	Charger
SPMX3002S30	300mAh 2S 7.4v 30C LiPo; JST 2.0 PH 3-Pin

Optional Parts

Part #	Description
RFL1201	RealFlight 9.5 Software Only
RFL1203	RealFlight 9.5 Digital Download
RFL1205D	RealFlight Trainer Edition Steam download
SPMWS2000	Wireless Simulator USB Dongle
SPMXCA326	Adapter: IC3 Battery / 2S UMX D
SPMR6775	NX6 6 Ch Transmitter Only
SPMXC1070	S150 AC/DC Smart Charger, 1x50W
SPMXC2050	S155 G2 1x55W AC Smart Charger

Hardware Set HBZ6109

Part	Description	Quantity
Pushrods	Two ailerons, elevator, rudder	4
Pushrod guides	Elevator, rudder guides for fuselage	2
Control horns	Two aileron, elevator, rudder	4
Servo covers	Covers for aileron servos	2

Hardware

Location	Description	Quantity
Propeller and spinner	2x6mm Self tapping	1
Motor mount	M2x10 Machine screw	1
Propeller adapter	M1.6x4 Machine screw	3
Wing to fuselage	M2x12 Machine screw (thumb screw)	2
Servo retainer	1x3mm Self tapping	16