

BEGINNER AIRPLANE PACKAGES

Disclaimer: The products, item prices, taxes, and shipping charges indicated herein are correct as of 01/23/24 and are subject to change, without notice. All links provided to [Horizon Hobby®](#) and [Spektrum®](#) are provided for informational purposes to assist beginners interested in radio control model aviation, and does not constitute an endorsement by Dare County Radio Control Flyers.

HOBBYZONE AEROSCOUT S2

The AeroScout S2 is one of the most popular trainer aircraft due to its low cost and excellent flight performance. It has a wingspan of 43-inches and is powered by a 2250Kv electric motor that drives a two-blade 5-inch pusher propeller. It has a tricycle landing gear with large tires, making ground handling on a grass airstrip very good. Don't be fooled by its low cost though, it is sturdy, well-constructed, and just as good in performance as any of the other five recommended beginner aircraft listed below.



The plane is constructed of EPO foam and powered by a three-cell lithium-polymer battery. It has fully functional foam-molded control surfaces (ailerons, elevator, and rudder) as well as an electronic speed controller for the throttle. The rudder controls are linked to the plane's nose gear to permit control on the ground while taxiing. Assembly time, including binding the transmitter to the receiver, is about 30-minutes.



A Spektrum receiver is installed and programmed with a 3-axis gyroscope to assist in stabilizing its flight characteristics, even in windy conditions. The receiver is also programmed with three flight modes, known as SAFE, that can be controlled using the transmitter to accommodate the experience-level of the pilot. In the beginner mode, roll, pitch, and yaw is limited to prevent the pilot from over-controlling the aircraft into an unsafe attitude. The intermediate mode is similar, except that the ability to maneuver is less restricted than that of the beginner mode. The advanced mode provides the pilot with full control of the aircraft, permitting any maneuver, including rolls, loops, and inverted flight. The receiver also features a fail-safe that, by simply releasing the controls on the transmitter, will return the aircraft to level flight should the pilot lose control or become disoriented.

The Spektrum DXs transmitter, unlike most entry-level transmitters, is sturdy and has the feel of a much higher-end model. It provides good control and can be linked to an instructor's transmitter wirelessly to permit the instructor to easily take control of a student's plane should the need arise to assist or to prevent a crash. It communicates with the receiver using a spread-spectrum frequency of 2.4GHz, and is currently the best technology available because it permits many aircraft to be flown simultaneously without the fear or danger of electronic interference.



The Spektrum S100 charger receives power through a USB-C cable that can be connected to an AC power supply typically used for cellphones. The power supply is not included with the charger, so you will have to use one you already own, preferably one capable of at least a 65-watt output. This charger is adequate to charge the 3-cell battery used to power the aircraft, and is compact enough so that it can be easily taken to the field to recharge batteries using the club's battery charging station or even your vehicle's accessory outlet.

Order these Items to Purchase the AeroScout S2		Amount
AeroScout S2 1.1m RTF Basic with SAFE		\$199.99
11.1V 2200mAh 3S 30C Smart LiPo Battery: IC3		\$26.99
S100 1x100W USB-C Smart Charger		\$24.99
Sub Total		\$251.97
Tax		\$17.01
Economy/SmartPost		Free
Grand Total		\$268.99



HOBBYZONE APPRENTICE S2

The Apprentice S2 is a popular trainer aircraft due to its typical configuration and excellent flight performance. With a wingspan of 47-inches, it is slightly larger than the AeroScout S2, and is powered by a 1300Kv electric motor that drives a standard two-blade 8.25-inch propeller. It has a tricycle landing gear that makes ground handling on a grass airstrip easier.



The plane is constructed of EPO foam and powered by a three-cell lithium-polymer battery. It has fully functional foam-molded control surfaces (ailerons, elevator, and rudder) as well as an electronic speed controller for the throttle. The rudder controls are linked to the plane's nose gear to permit control on the ground while taxiing. Assembly time, including binding the transmitter to the receiver, is about 30-minutes.




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<u>Order these Items to Purchase the Apprentice S2</u>		<u>Add to Cart</u>	<u>Amount</u>
Apprentice S2 1.2m RTF Basic with SAFE		<u>HBZ310001</u>	\$259.99
11.1V 2200mAh 3S 30C Smart LiPo Battery: IC3		<u>SPMX22003S30</u>	\$26.99
S100 1x100W USB-C Smart Charger		<u>SPMXC2090</u>	\$24.99
		Sub Total	\$311.97
		Tax	\$21.06
		Economy/SmartPost	Free
		Grand Total	\$333.03

HOBBYZONE CARBON CUB S2

The Carbon Cub S2 is a popular trainer aircraft due to its stable flight performance and stunning and highly visible yellow color scheme. With a wingspan of 51-inches, it is powered by a 960Kv electric motor that drives a standard two-blade 9-inch propeller. It has a conventional landing gear with large tundra-tires that makes ground handling on a grass airstrip easier than most aircraft with a tail wheel.



The plane is constructed of EPO foam and powered by a three-cell lithium-polymer battery. It has fully functional foam-molded control surfaces (ailerons, elevator, and rudder) as well as an electronic speed controller for the throttle. The rudder controls are linked to the plane's tail gear to permit control on the ground while taxiing. Assembly time, including binding the transmitter to the receiver, is about 30-minutes.




A Spektrum receiver is installed and programmed with a 3-axis gyroscope to assist in stabilizing its flight characteristics, even in windy conditions. The receiver is also programmed with three flight modes, known as SAFE, that can be controlled using the transmitter to accommodate the experience-level of the pilot. In the beginner mode, roll, pitch, and yaw is limited to prevent the pilot from over-controlling the aircraft into an unsafe attitude. The intermediate mode is similar, except that the ability to maneuver is less restricted than that of the beginner mode. The advanced mode provides the pilot with full control of the aircraft, permitting any maneuver, including rolls, loops, and inverted flight. The receiver also features a fail-safe that, by simply releasing the controls on the transmitter, will return the aircraft to level flight should the pilot lose control or become disoriented.

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The Spektrum S100 charger receives power through a USB-C cable that can be connected to an AC power supply typically used for cellphones. The power supply is not included with the charger, so you will have to use one you already own, preferably one capable of at least a 65-watt output. This charger is adequate to charge the 3-cell battery used to power the aircraft, and is compact enough so that it can be easily taken to the field to recharge batteries using the club's battery charging station or even your vehicle's accessory outlet.

<u>Order these Items to Purchase the Carbon Cub S2</u>	<u>Add to Cart</u>	<u>Amount</u>
Carbon Cub S2 1.3m RTF Basic	<u>HBZ320001</u>	\$299.99
11.1V 2200mAh 3S 30C Smart LiPo Battery: IC3	<u>SPMX22003S30</u>	\$26.99
S100 1x100W USB-C Smart Charger	<u>SPMXC2090</u>	\$24.99
	Sub Total	\$351.97
	Tax	\$23.76
	Economy/SmartPost	Free
	Grand Total	\$375.73

E-FLITE APPRENTICE STS

The Apprentice STS is the official trainer aircraft of the Academy of Model Aeronautics, the largest aeromodeling organization in the world. It is an excellent trainer due to its large size and stable flight characteristics. With a wingspan of 59-inches, it is powered by a 840Kv electric motor that drives a standard two-blade 11-inch propeller. Like its smaller cousin the Apprentice S2, it has a tricycle landing gear that makes ground handling on a grass airstrip much easier.



The plane is constructed of EPO foam and powered by a three-cell lithium-polymer battery. It has fully functional foam-molded control surfaces (ailerons, elevator, and rudder) as well as an electronic speed controller for the throttle. The rudder controls are linked to the plane's nose gear to permit control on the ground while taxiing. Assembly time, including binding the transmitter to the receiver, is about 30-minutes.




A Spektrum receiver is installed and programmed with a 3-axis gyroscope to assist in stabilizing its flight characteristics, even in windy conditions. The receiver is also programmed with three flight modes, known as SAFE, that can be controlled using the transmitter to accommodate the experience-level of the pilot. In the beginner mode, roll, pitch, and yaw is limited to prevent the pilot from over-controlling the aircraft into an unsafe attitude. The intermediate mode is similar, except that the ability to maneuver is less restricted than that of the beginner mode. The advanced mode provides the pilot with full control of the aircraft, permitting any maneuver, including rolls, loops, and inverted flight. The receiver also features a fail-safe that, by simply releasing the controls on the transmitter, will return the aircraft to level flight should the pilot lose control or become disoriented.

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<u>Order these Items to Purchase the Apprentice STS</u>	<u>Add to Cart</u>	<u>Amount</u>
Apprentice STS 1.5m RTF Basic Smart Trainer with SAFE	<u>EFL370001</u>	\$329.99
11.1V 3200mAh 3S 30C Smart LiPo Battery: IC3	<u>SPMX32003S30</u>	\$44.99
S100 1x100W USB-C Smart Charger	<u>SPMXC2090</u>	\$24.99
	Sub Total	\$399.97
	Tax	\$27.00
	Economy/SmartPost	Free
	Grand Total	\$426.97