



Jeff Troy

Flight Report

JR SPORT

Horizon's breakthrough RC line has quality, variety and price on its side.

I've been into this RC airplane thing for a long time now, almost 40 years and still going strong. I remember when radio systems cost something in the neighborhood of \$100 a channel, and didn't work very well on their best day. I used to say that any landing within the United States of America was a good landing, and my old radios would eat painstakingly built, silk & dope covered balsa airplanes for breakfast on a regular basis every day.

So much for the "good ol' days" of aeromodeling, which in retrospect, were really pretty awful. Most of today's modelers don't realize how good they've got it, and I'm happy to know that they will never have to endure the panic of a lost radio signal, servos that barely have enough power to move their own linear gear trains, and transmitters that weigh just a little bit less than a small Shetland pony.

Today's RC systems work, and they do so with an amazing degree of sophistication. The advent of computer-assist in the mid 1980's by the original A-TRACS unit marked the beginning of a new age in radio control, and the RC hobby is better as a result.

JR is an industry leader, and the name has been trusted and touted as such by many of the world's top competition fliers and sport pilots. Reminiscing over bad RC systems at \$100 a channel gives me comfort in knowing that JR has a line of top quality RC equipment that's oh, so affordable.



The JR SPORT line is built around quality, variety and affordability, and no compromises were made to get there. A basic four-channel startup system and a more advanced six-channel system are enough to fill the needs of average Sunday fliers in any aeromodeling discipline. The complementary servo and accessory selection, an accomplishment on its own, vaults the line into the realm of more serious consideration by the hardcore crowd.

As RC systems become more advanced, compatibility between brands — and even within the same brand — is always questionable. JR SPORT is based around two six-channel FM receivers, and of the two, one is available in your choice of Positive or Negative Shift versions, and the other is a Universal unit that can change its shift in seconds with the supplied jumper.

Eight different servos are available from the 8-ounce (torque) SM8 Super-Micro to the ST125MG, a 125-ounce, metal gear behemoth for use in 120-size models.

Three flight packs, called AIRPACs, are available as startup onboards that can handle most sport models. The MICRO AIRPAC comes with the RS6UL Ultra-Lite Micro Receiver and two ST15



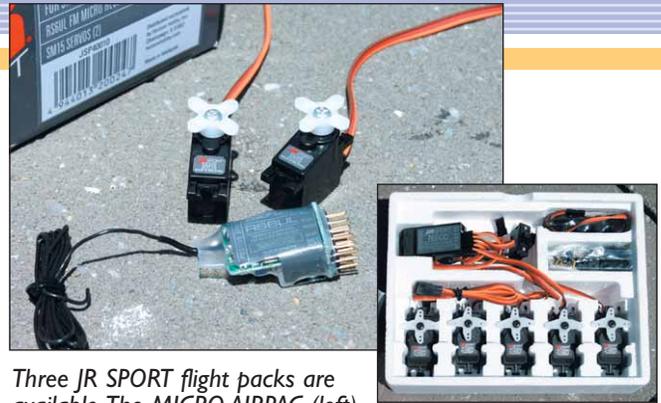
JR SPORT RC systems come in four-channel and six-channel versions, the latter having more programming options, dual rates and exponential on the aileron and elevator channels. Programming these radios is intuitive, with simple and logical commands that anyone can learn quickly.



A full line of JR SPORT accessories — servo extensions, switch harness, output arms and flight pack batteries — is available.

Sub-Micro servos. The STANDARD AIRPAC has the RS600 Universal Receiver, four ST47 Standard Servos and a 700mAh Flight Battery. The 120-SIZE AIRPAC also comes with the RS600 Universal Receiver, but this AIRPACK has five powerful ST125MG Hi-Torque Metal Gear Servos and a 1500mAh Flight Battery.

Naturally, the full complement of servo extensions, flight batteries, servo accessories and switches also serves the JR SPORT line. What's more, an attractive merchandiser can be wall mounted or used on a counter top. The merchandiser holds the entire JR SPORT line, and keeps the equipment neatly organized and enticingly displayed.



Three JR SPORT flight packs are available. The MICRO AIRPAC (left) features the RS6UL FM Receiver and two SM15 Servos. The 120-SIZE AIRPAC (right) comes with the RS600 Universal FM Receiver and five ST125MG Servos, 1500mAh Battery, Switch Harness and 12" Extension. The STANDARD AIRPAC (not shown) includes the RS600 Universal FM Receiver and four ST47 Servos, 700mAh Battery, Switch Harness and Extension.

What's most attractive to hobby dealers about JR SPORT is also appealing to fliers in the field. Despite the JR name and deep range of equipment choices, the line is uniquely affordable, immediately accessible and backed by JR's three-year warranty on RC systems and AIRPACs.



Attractive packaging, quality RC at a great price with a three-year warranty make the JR SPORT lineup a sure bet with modelers.

JR SPORT Servo Specs

Servo	4.8V Torque in Oz. Speed @ 60 Deg.		6V Torque in Oz. Speed @ 60 Deg.	
SUPER-MICRO SM8	7 oz.	.08 sec.	8.5 oz.	.06 sec.
SUB-MICRO ST15	15 oz.	.21sec.	15 oz.	.17sec.
MICRO MC35	30 oz.	.21 sec.	35 oz.	.17 sec.
STANDARD ST47	42 oz.	.24 sec.	47 oz.	.19 sec.
STANDARD BALL BEARING ST47BB	47 oz.	.18 sec.	55 oz.	.15 sec.
MINI M48	7 oz.	.08 sec.	8.5 oz.	.06 sec.
LARGE (Metal Gear) ST125MG	125 oz.	.21 sec.	125 oz.	.17 sec.
RETRACT RT88	89 oz.	1.12 sec.	105 oz.	.90 sec.

Give JR SPORT a try. I've been very happy with my personal systems and accessories, and after the bad memories left by those costly, all-but-inoperable RC systems I've owned in the past, I've become pretty picky when it



Two FM receivers serve JR SPORT. The RS6UL Micro is available in Positive and Negative shift versions. The RS600 is a Universal Receiver, shifting between Positive and Negative with a jumper.

comes to what goes inside one of my own models, sport, soaring, scale, competition or the occasional old timer.

The JR SPORT line is exclusively available through Horizon Hobby in Champaign, Illinois. See their ads on pages 5 and 49, visit www.horizonhobby.com or speak with a Horizon sales representative at 217-352-1958. **HM**



JR SPORT servo lineup fits the requirements of sport modelers. Seven control surface servos and RT88 retract are currently available.