

Let me introduce myself.

ALEXANDER ANDRIUKOV

I have flown F1B “Wakefield” Rubber Powered Models now for many years and have been European Champion in 1982, 1984, 1988 and 1998, three times World Cup Holder and World Champion in 1991, 1993 and 1997. I lived in Ukraine and worked for “Antonov Aircraft” as a composite technology engineer. I moved to California in 1997 to work at a company “AeroVironment”.

For more than 10 years we are pleased to provide Free flight community with quality F1B model parts, which are second to none. The idea behind our production line is **“our products should be the same or better, than we use ourselves”**. Just an example: nine of the ten top fliers in the 1999 World Championships used our Variable Pitch propeller, six of them used our complete models.

We produce our models in Ukraine and sell them all over the world. My partner **OLEG KULAKOVSKY** helped me produce models and parts for 9 years and now he is in charge of production.

He is 1999 World Champion, 2000 European Champion and World Cup Holder for 1998 and 1999. This way we together hold all World and European titles for the last three years.

I believe the Hi-Tech of Free Flight can be used in RC aircraft. In Free Flight we go to extreme design.

Tail Booms are definitely of interest. We carry six sizes. All of them are made of hard aluminum foil 0.03-mm thick inside and outside with the unidirectional Carbon Fiber in between.

Catalog number	Length [mm]	Length [in]	Weight [g]	Diameter [mm]	Number of Carbon plies
AA 024	740	29.1	7	11.5 - 4.6	2*0.08mm
AA 028	880	34.6	8.8	12.2 - 4.0	2*0.8mm
AA 113	920	36.2	14.2	14.5 - 7.0	2*0.12mm
AA 114	920	36.2	15	17.0 - 5.5	2*0.12mm
AA 313	920	36.2	18.5	14.5 - 7.0	3*0.12mm
AA 314	920	36.2	19.5	17.0 - 5.5	3*0.12mm

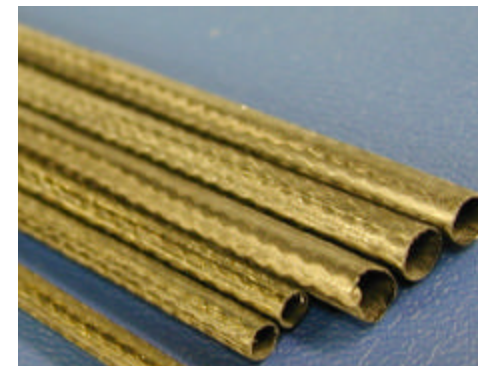
The lightest Tail boom AA-024 was tested to 92 in*lb bending moment. The load was applied at 12 inches from the root and deformation at this point was 1.92 inches before it broke.



Tubes of braided Carbon Fiber sleeve. Made with hot cured epoxy at 150 degrees C. Glass transition temperature 118 degrees C.

4.5 mm OD 18 inches long 1.3 g.

3.5 mm OD 17 inches long 1.2 g.



Other parts available.

Fill free to call or E-mail me with the questions regarding Free Flight parts for RC planes. I can help with the import of model parts from Ukraine as well as make custom Hi-Tech model parts.



**Greetings from the
Parallel World!**

**World of Free Flight
Aeromodelling.**

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