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Aero Drum Ltd
Est. 2002.

10 m INDOOR RC BLIMP

Specification March 2014

	Ready to Fly RC Blimp	Kit Configuration/Set
Size:	10 m x 2.2 m	Yes
Volume:	24 m3	Yes
Lift capacity:	4 to 5 kg with all equipment set on the blimp	Yes
Envelope material:	Polyurethane 125 microns UK or USA imported film – Top quality	Yes
Envelope Assembly technology:	Special polyurethane elastic adhesiv, thermal and double welded	Yes
Maximum helium loss:	0.3 % per day max on total volume	Yes
Fins:	4 fins	Yes
Fins material:	Foam/cardboard/colored film	Yes
Fins atachment system:	Velcro	Yes
Valve:	Built in the back – 2 stage valve	Yes
Logo:	With elastic banner films (cutter) or printed on vinyl sticker, 3D styrofoam cutt Logo, banners	
Cabin:	Fiberglass or aluminum white or row aluminum with central alluminum axis	Yes
Cabin attachment system:	Velcro	Yes
Internal light - Optional:	White only or RGB with IR controller and separate battery source	Yes - Optional
Motor:	2 main motors brushless outrunner	/
ESC:	30 A paralel with 2 A for RC	/
Servo (forward/back/up/down):	Strong servo for the motors axis	/
Back ESC (left/right):	Brush reverse ESC	/
Gear reduction:	5:1 plastic gear reduction	Yes
Filling hose:	1.5 m filling hose with special plastic adapter for the valve	Yes
Safety/Park line:	3 m 2 mm polyester line with aluminum hook	Yes
Digital charger:	Included	/
Battery:	Li-Po 5000 mAh 7.4 V	/
Flight autonomy:	40 to 60 minutes	
RC System:	4 channels 2.4 GHz receiver/sender	/
Back low fin motor:	6 V brushed	/
Dropping mechanism- Optional:	Standard servo	Yes - Optional

The above specification is for the **Ready to fly** ordered RC Blimps. In other words it is a fully functional RC Blimp that just need helium container which is purchased locally. **Kit configuration/Set** has most of the above components (key components) except the electronics as shown in the above table.

Production time for a 10 m RC Blimp - Ready to Fly or Kit configuration - is 10 to 15 days

The specification for the electronics components is subject to change depending on the available provider but do not affects the end quality of the blimp in any way. The envelope is tested 24 hours under high air pressure after completition and the electronics are at least tested 1 hour in all working regimes.

For Aero Drum Ltd – Mr. Alexander Mijatovic – March 2014