



## **The News Letter of the Hobart Model Aero Club Inc. July 2015**

**PO Box 1117  
Rosny Park  
Tas 7018**

**News letter Editor**

**Stuart Smith    62477423    [stuartsmith@netspace.net.au](mailto:stuartsmith@netspace.net.au)**

---

### **Proposed new one design class for competitions and fun at HMAAC**

While everyone who tried out the Rare Bear one design class at Kelly Field had fun, it's generally agreed that they have some problems and are not for everybody. Undeniably fast (perhaps too fast), they are unfortunately rather small at 620mm wingspan and difficult to see, particularly for older eyes. They are also very sensitive on the controls; even with minuscule aileron throws they can be a handful at speed. Plus they are not all that cheap.



Now, I have been flying an inexpensive yet versatile foamy for years that has always attracted positive comments and enquiries about what exactly it is. It's a very popular design worldwide and has attracted rave reviews from all who own it or have tested it on YouTube review sites etc.

It's full name is rather long (AXN Clouds Fly Floater Jet, would you believe), so owners simply call it the AXN (NOT to be confused with the slower Bixlers, which look superficially similar).

With a wingspan of 1290mm (wings can be glued in or come part for even easier transport) it fits neatly into anyone's car and is made from a super tough EPO foam (a fact I have demonstrated on many occasions!) The tiny motor, when coupled to a 6\*4 APC E prop pushes the AXN to surprising speeds, more than enough for racing, yet cut the power and it will thermal quite happily on even light lift. It's easy to fly, with no vices and yet can handle winds where most fliers opt for coffee rather than risk a crash.

In short, it's a perfect model for a one design class for things like pylon racing (it's easy to see) fun based glider competitions, spot landings, even AXN limbo using pool noodles! It's also capable of

carrying FPV gear, as anyone who sees me sprouting antennas while wearing FPV goggles at Kelly Field will know...so add in FPV competitions, such as pylon racing or aerobatics, as well.

The cheapest I ever bought one was for \$AUD38 during a HobbyKing sale, but with the state of our dollar, the price has risen, but still, the preferred option of ARF kit with motor and no servos is still a very affordable \$76 from HobbyKing Oz warehouse. Four inexpensive nine gram servos, a HobbyKing blue series 30amp ESC, a 20C 3S 2200mAh lipo, plus a Rx to suit your radio and you are good to go.

I have included the links to all parts below, plus specifications and a link to the build videos by Bruce Simpson of RC Model Reviews, plus a video on why he and others think this is a must have addition to anyone's hangar. It's my go-to plane on so many occasions and I always have one in my car when out flying.

Several other members have now purchased AXNs, including Garth, Dave Ellis and Jason Bedelph, so we are already building a following. The new class idea will be raised at the next committee meeting and I am confident that it will be adopted. If interested, please email me or the committee to let us know your thoughts! If adopted, we will organise a bulk buy to lower freight costs, as we did for the Rare Bears.



#### **Specifications:**

**Wingspan: 1290mm**

**Fuse Length: 860mm**

**Motor: 2100Kv Outrunner (included)**

**Propeller: 5x5inch (2pc included) (Note: Props are rubbish. Buy a 3mm prop adaptor and run a 6\*4 APCe prop)**

**ESC: 20A (not included) (DON'T! 30 amp with 3amp BEC is needed).**

**Servos: 4 x 9g servo (not included) for Rudder, Elevator, 2x Aileron**

**Required: Your own RX/TX, 30A Brushless ESC, 4 X 9g Servos and 1600~2200mAh 3S Lipoly**

**Note: I use 2200mAh 20C Zippy lipo, which gives 20minutes in the air and also balances the plane nicely. Higher C rating Turnigy nano techs may give more speed.**

**Many, many clubs throughout the world use these fun, durable models for competitions, fun flys and laughs...so should we! :-)**

**Cheers all, Phil Wardle.**

#### **Links.**

**[http://www.hobbyking.com/hobbyking/store/\\_\\_23987\\_\\_Floater\\_Jet\\_EPO\\_with\\_Motor\\_ARF\\_AU\\_Warehouse\\_.html](http://www.hobbyking.com/hobbyking/store/__23987__Floater_Jet_EPO_with_Motor_ARF_AU_Warehouse_.html)**

[http://www.hobbyking.com/hobbyking/store/\\_\\_17435\\_\\_HobbyKing\\_30A\\_BlueSeries\\_Brushless\\_Speed\\_Controller\\_AUS\\_Warehouse\\_.html](http://www.hobbyking.com/hobbyking/store/__17435__HobbyKing_30A_BlueSeries_Brushless_Speed_Controller_AUS_Warehouse_.html)

[http://www.hobbyking.com/hobbyking/store/\\_\\_23992\\_\\_HXT500\\_6\\_2g\\_0\\_6kg\\_08sec\\_Micro\\_Servo\\_AU\\_Warehouse\\_.html](http://www.hobbyking.com/hobbyking/store/__23992__HXT500_6_2g_0_6kg_08sec_Micro_Servo_AU_Warehouse_.html)

Build videos from RC Model Reviews. An excellent source of info for all things RC.

[https://www.youtube.com/watch?v=pU\\_IEdTDOq0&list=PLB2541DD14E15F743](https://www.youtube.com/watch?v=pU_IEdTDOq0&list=PLB2541DD14E15F743)

Plane of the Week video, the AXN: <https://www.youtube.com/watch?v=LWetMb3BIr4>

## **The diary of an aero-modeller**

I remember days on end - get up 0630, check weather, go flying, eat cake - 12pm exhausted go home repair model, look at forecast hoping for a bad day, go to bed.

Things change

Now I get up at 0630, check weather, go back to bed.

Life's simpler now.

Nils



**More from the Eye In The Sky.  
(Blackout mini-quad)**

**Where is everybody?**



**Less talk, more flying please**



**Looks like they are breeding?**



**You call that flying**



**Are you talking to me ? I think have you been watching the "Das Auto" add on TV**

### **Battery charging station.**

For members wondering what the two boxes are over which they trip every time they enter the work shed - that's our new charging shed in fully dehydrated form, only requiring sweat in copious quantities to resume its full glory.

Hopefully this will in due course be erected by a team similar to the one responsible for the flight tables, in fact the same team would be welcome.

The build is planned for sometime late July, early August to co-coincide with holidays and equipment availability and we will need about 6 helpers. First to lay the concrete slab and then to actually build the shed. In the fullness of time we will make a call for volunteers to do this work via email but in the meantime do we have a member that's actually built one of these things, and granted your sanity survived the experience could you contact me please?

Looking at the instructions is like viewing the plans of the Eiffel Tower, with about 5 million parts - but what the hell if we can make sense of the table instructions, with a good night's sleep and a decent breakfast, the shed should also be within reach. So standby - your club needs you!

Nils

### **The President's Corner**

Well another Club year has started and a new committee has been selected. Firstly, for those who were not at the AGM, I would like to thank Mike for his leadership last year and steering us in the right direction. I hope he has a great holiday in Darwin and no doubt we shall all see reports of main land clubs from his travels.

The same as last year, I would like to reiterate that the committee and myself are here for the members any of you that would like to sit in on a meeting are welcome to. So we are starting with enthusiasm to firstly to complete some existing infrastructure projects from last year. The small model strip and also the charging shed, which Nils has reported on. Regarding the shed, I will add that when you put a school teacher and a military man together, telling the time can be problematic! With a rescheduled pickup of the shed by myself, I can report that the shed does in fact weigh all of the stated 90kg!

Those existing projects aside, there are already some exciting new ideas that the committee will be discussing for the year ahead, with the events calendar being among the first things to be sorted. See you all at KF

Regards, Jason Bedelph