



05/07/2004 18:54:34

Now I have made all the missing things and adjusted the CG to 75mm from LE. I have mounted a piece of plywood on top of the hook release servo for the 5 cell 2400ma NIMH battery, and the needed led is glued in the front, I forgot to put the led on the Weight I would like to know the weight of the model but it is too late. The weight ready for the first flight is amazing low just 3900g

05/07/2004 20:59:32

With just 3.9kg I don't think that I will have problems in the winch start. Later I think that I will make new winglets like the 18m ASW28

07/07/2004 23:21:04

The weather forecast is terrible but I found a short period with dry weather but not the wanted low wind. I whose without my starter and my photograph but I couldn't wait. First I made some range check on the radio and then two hand launce it whose just flying like a dream even the wind didn't seems to bother it, then I set up the electrical winch. I spotted out a area with low grass and no big stones, I have to tell that my flying field is a big moor land with primarily low vegetation like grass and heath only for gliders.



59,1 KB

The wind level made me a little worried, but on the other hand if the winch have problems pulling the 3.9kg the wind might help. Ready with the ASW28 in the winch hook I found it difficult to have one hand free for the radio so I had to use both hands to hold the ASW28 I tided the wire until I couldn't hold the ASW28 and launched it right forward, it took a wired jump forward lowered the tail and start climbing up without any tendency of instability, I looked at the shape of the wings and released the foot from the winch because the wings made a flat U, I didn't want to brake a wing in the first start, the wind took it to the top and a little down on the elevator and the wire released and the parachute opened. I had expected to adjust something but there whose no need for anything, after trying out curves to left and right I prepared for landing, round for the final and nose down breaks out, the estimated speed and height whose not for breaks, the wind also had its influence, breaks in, but it whose already too late the speed and height couldn't reach for the way home I just had to led her down in the grass 150m out, these breaks are weary efficient.



22,15 KB

These pictures are taken from the winch battery, I started a video sequence with 15 frames/sec.



36,8 KB



21,04 KB

After 5-6 winch starts I found some air going up and whose surprised how easy it is to curve with here in the stream, the stream whose moving fast with the wind but I got good height but I whose also far out so it took almost all the height to get back but total flying time of 11minutes whose not so bad for the first time. 😊

Positive:

Low weight. (Depending on the equipment used) I have not made any thing in the fuselage stronger and I have been flying several times and still I can't see the need for anything.

The wing seems to be strong, I have bended the 19mm steel tube in a winch start.

Price compared to contents.

All needed fittings included and in a OK quality

Negative:

Winglets joint and shape of profile on winglet compared to wing.

Canopy and interior, it looks OK but it is difficult to glue et together with a nice fit afterwards.

Elevator ruder joint, first the right place for the elevator is not shown and the shape on the ruder fits not to the elevator, material must be moved in the front on the ruder

The ruder shape in the hinge line could have been made more elegant.

After many winch starts I have selected the low weight and will not mount the landing gear, it will reduce the strength of the body which I need for winch start and the winch hook and the gear need to be mounted in the same area and my number one flying field is not suitable for landing gear.

I have mounted Multiplex wing fix in the joint to the fuselage. I have been thinking about doing the same on the winglets.

Winch start in low or no wind is much more difficult and the ASW28 might drop to one side and jump off the hook in low altitude I have tried it 3 times and each time there whose altitude enough to make the final and land the right way. I have tried loops and roll and the ASW28 can just do it, stall looks more dangerous the ASW28 might drop several meters before it turns around and gaining enough speed to get back to normal flying don't do the stall in low altitude it might be fatal.