

Easy Setup Manual for Gyrobot 700 / 900:

This manual shows you how easy it is to adjust a flybarless helicopter with the GyroBot 700 or 900 in standard mode.

If you passed the mechanical setting (the swashplate base menu and the tailrotor base menu) please start flying with the default setting from the Gyrobot.

Now adjust **P** and **I** for Elevator, Aileron and Tailrotor always on the same level. (for example if **P** for Aileron is 300, also **I** for Aileron is 300. Or if **P** for Tailrotor is 430, also **I** for Tailrotor should be 430).

If the model flies smooth or indirect during hovering, please increase the values in 30 point step as long as the model stops crisp if you loose the stick. Please do this for all three axes (Aileron, Elevator and Tailrotor).

If the model starts to swing up on one axis, please reduce the values for this axis in 30 point steps as long as the model doesn't swing up.

The **Feedback** for Aileron is relatively unimportant, the **Feedback** for Elevator will be adjusted in fast forward flight: Does the model climb (on elevator axis, not in pitch direction), please reduce the value (not less than 2). If the model flies straight on, the value is ok.

Finished !

If you use the GB 900 and want to use the Beginner Mode or Beginner Acro Mode, you can switch it on now. (The second value in the Swashplate Tuning Menu).

The **Beginner Gain** must be reduced, if the model swings up (shakes) during hovering. It must be increased if the model gets back into the hovering position too slow if you loose the sticks.

The **Beginner Angle** can be chosen very low for absolute beginners and can be increased if you want to have more reactions of the model. The **Beginner Override** can be increased if you want to „trim“ the model more (only with the sticks, NOT with the trim on the transmitter).

If you use a model with flybar, the **P** and **I** and **Feedback** values are not necessary. So you can use the Beginner Mode or Beginner Acro Mode right from the start (if the mechanical settings are done in the Swashplate Base Menu and the Tail Base Menu).

Your LF-Technik Team