

**ECE 568 – Final Project Report**  
Facial Recognition System on Aerial Vehicle

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**List of configurations for Flight Control**

- Software used: CleanFlight

<http://cleanflight.com/>

- Tutorials on configuring

<https://www.youtube.com/watch?v=p2fF6dX1pyY>

<https://fpvfrenzy.com/set-up-cleanflightbetaflight-naze32/>

**Main configuration steps**

- 1- Upload the Firmware.
- 2- Calibrate the motors.
- 3- Check data from the receiver, communication settings. We are using IBUS protocol.
- 4- Set flight modes and arm/disarm switches.
- 5- Tune the PID controller.