



[../../images/parachute.png](#)

<https://youtu.be/KmjPZIQ9c0A> ().

“

:

100%

[DIYDrones](#)_____.



, Northeastube suppose:

- [__](#)
- [CAD](#)

DIY , PWM (Servo)
 5 / :

- [__](#)
- [Opale](#)
- [____](#)



[illegible]

- **CHUTE ENABLED **="1". [] , [] , [] Chute [] .
- ([]) (m/s) []
- ([]) []

Servo

- [illegible]

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二二

GPIO,

- `pin / 4096` GPIO(`pin` `pin` **gpios**).
- `pin` RELAY`pin` ,`pin` . `pin` ,GPIO Pin 51 `pin` ,`pin` (`pin` **2019-09-21**). **ReLAY1 PIN=51** `pin` `pin` = 3 (Parachute) (`pin`).
- `pin` GPIOs`pin` ,`pin` ,`pin` .
- `pin` =0`pin` . `pin` , `pin` `pin` (`pin` RELAY1)`pin` 3(Paracutte) `pin` .

RC / : RCx 21 ;
RCx 23(Parachute 3Pos), ,
, , .

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, . 1
:

- (Copter) (Plane)
- ()
- FLIP ACRO (Copter).
- / ()
- (Copter & Plane)
- **CHUTE ALT MIN** (Copter) ,
 . " 0"

<https://youtu.be/xaw3-oSahtE> ().



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- ,
- **CHUTE ALT MIN**
- , ((Plane))
- RC, Mission Planner SERVO/RELAY
,MAVLink, PWM.

, , , " !"

:

- **CHUTE ALT MIN**
- ,

- `uint8_t alt_min = 30; // (meters)`

1. `if (altitude < alt_min) {`
 `// Display "Parachute: released" on HUD`

`lcd.setCursor(0, 1);`
 `lcd.print("**CHUTE ALT MIN**");`

`delay(1000);`
 `lcd.print("=copter,plane");`

`ArduPilot Copter` `Parachute` · [GitHub](#) · CC BY-SA 3.0

- #2
- Admin 2026-10-09 14:36:19 UTC
- Admin 2026-10-10 01:44:50 UTC