//Interrupt or poll?

//

if (send){ //If PIC is sending

if ((a[0] <= 15) ||(a[1] <= 15)||(a[2] <= 15)||(a[3] <= 15)){

//Start I2C

I2C\_Master\_Start(); // Start condition

I2C\_Master\_Write(0b00010000); // 7-bit Arduino slave address + write

I2C\_Master\_Write(temp); // Write data to tell arduino to stop motors

I2C\_Master\_Stop();

//Turn PIC into receiver mode

send = false;

}

if (~send){ //if PIC receiving

//store data into motor\_dist[2]

if motor\_dist[0] == motor\_dist[1]

if motor\_dist[0] >30

look at ultrasonic sensors

set t\_deployed