```cpp
#pragma once
#include<vector>
#include "PID.h"
#include<iostream>
#include<string>
using namespace std;

class FlightCtr
{
public:

    std::vector<PID_ctrl> m_ctrl_configs;
    FlightCtr();


    ~FlightCtr();
    float fillvector(vector<PID_ctrl>&);//function which fills vector with all 5 P,I,D configurations from user
    float printvector(vector<PID_ctrl>&,int& i,float error); //Iterator function which gets the corresponding value of P,I,D
    float sumvector(vector<PID_ctrl>&,int& i,float error); //function that calculates corresponding PID(u) value
    float waitvector( float trtime, float dtime ); //function to get transition in steps

private:

};
```