# Exam 2 Report 11/14/2024

## 1. Summary

Total number of students	13
Attended	13
Missed	0
Number of problems	3
Average grade	95.64
Standard deviation of grades	4.33

## 2. Grade distribution



#### 3. Comparison with past years



# 4. Individual problem breakdown



# 5. Grade distribution per problem



### 6. Comments

### PROBLEM 1

- Most students solved the problem correctly.
- Some students had problems in evaluating the boundary conditions for  $C_1$ .
- Some students could not obtain the correct velocity field after substitution of the constants.

### PROBLEM 2

- Most students solved the problem correctly or with minor mistakes.
- Some students did not iterate correctly over the friction factor or had calculation mistakes in the evaluation of  $V_2$ .
- Some students did not consider  $f_{smooth}$  for the first part of the problem.

## PROBLEM 3

- Most of the students solved the problem correctly.
- Some students could not obtain the correct load for the model parachute
- One student could not obtain the correct  $C_D$  for the model parachute.