## Tenerife airport disaster

## Tudor Andrei Dumitrascu

## 15 May, 2020

## Contents

1	Problem/system description (max 5 points)	2
2	Defining accidents (max 5 points)	2
3	Identifying hazards (max 8 points)	2
4	Defining safety constraints corresponding to hazards (max 8 points)	2
5	Creating the control structure of the system (max 13 points)	2
6	STPA 6.1 Identifying unsafe control actions (STPA step 1) (max 8 points) 6.2 Identifying causes of the unsafe control actions (STPA step 2) (max 8 points)	2 2 2
7	Defining safety controls for the items identified at points 6 and 7 above (max 10 points)	2
8	References:	2

- 1 Problem/system description (max 5 points)
- 2 Defining accidents (max 5 points)
- 3 Identifying hazards (max 8 points)
- 4 Defining safety constraints corresponding to hazards (max 8 points)
- 5 Creating the control structure of the system (max 13 points)
- 6 STPA
- 6.1 Identifying unsafe control actions (STPA step 1) (max 8 points)
- 6.2 Identifying causes of the unsafe control actions (STPA step 2) (max 8 points)
- 7 Defining safety controls for the items identified at points 6 and 7 above (max 10 points)
- 8 References:
  - Eugene Register-Guard Mar 28, 1977