



Pilots' Suicides

Case Studies

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1. Suicide cases

- ✈ Personal problems/frustration
- ✈ Psychological problems
- ✈ Loss of an employment

2. Aspects affecting pilots

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4. Reason's model

5. Possible precautions



Suicide cases

- ✈ first known happened in 1972
- ✈ nowadays 1 suicide per year

Reasons

- ✈ personal problems
- ✈ psychological problems
- ✈ loss of an employment



Suicide cases

Personal problems/frustration

SilkAir flight MI185

Date	Routing	Aircraft	N. of PAX	Fatalities
19. 12. 1997	JKT – SIN	B 737-300	97	97 + 7 (crew)

- ✈ financial problems
- ✈ unforgettable experience → lost colleagues/friends



Suicide cases

Personal problems/frustration



Suicide cases

Psychical problem

Japan Airlines flight JL350

Date	Routing	Aircraft	N. of PAX	Fatalities
09. 02. 1982	FUK – HND	DC 8-61	166	24

- ✈ disconnection of autopilot
- ✈ mental illness → psychiatric hospital



Suicide cases Psychical problem

Japan Airlines flight JL350



Suicide cases

Psychical problem

Germanwings flight 4U9525

Date	Routing	Aircraft	N. of PAX	Fatalities
24. 03. 2015	BCN – DUS	A320-211	144	144 + 6 (crew)

- ✈ locked the door
- ✈ doesn't communicate
- ✈ control descant in terrain



Suicide cases

Psychical problem

Germanwings flight 4U9525



Figure 12 - general view of the accident site

Aspects affecting pilots

Self-concept

- ✈ How the other people see them

Self-control

- ✈ Big responsibility

Will

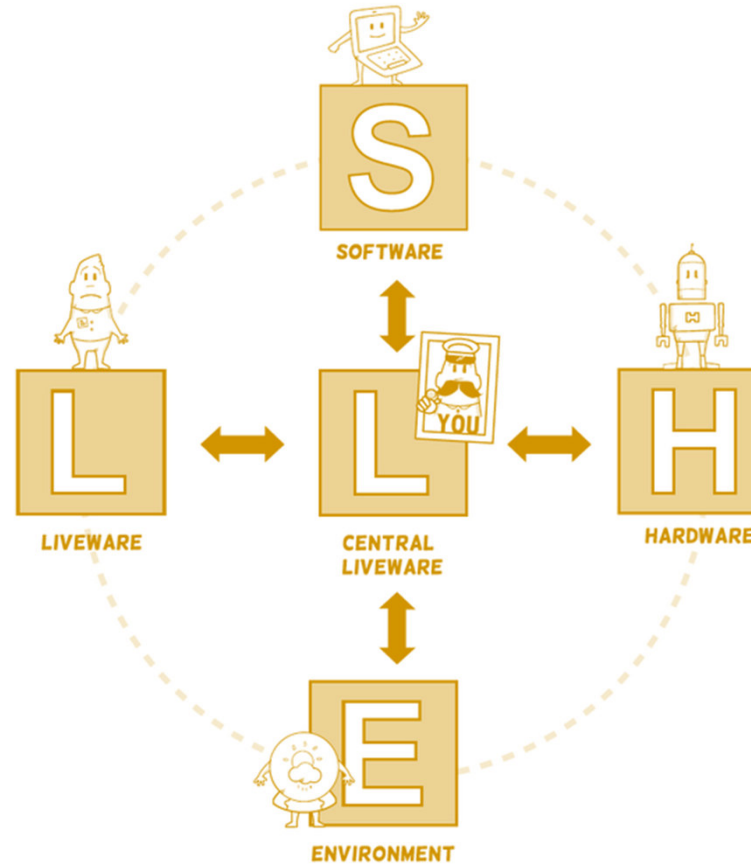
- ✈ They get what they want

Stress

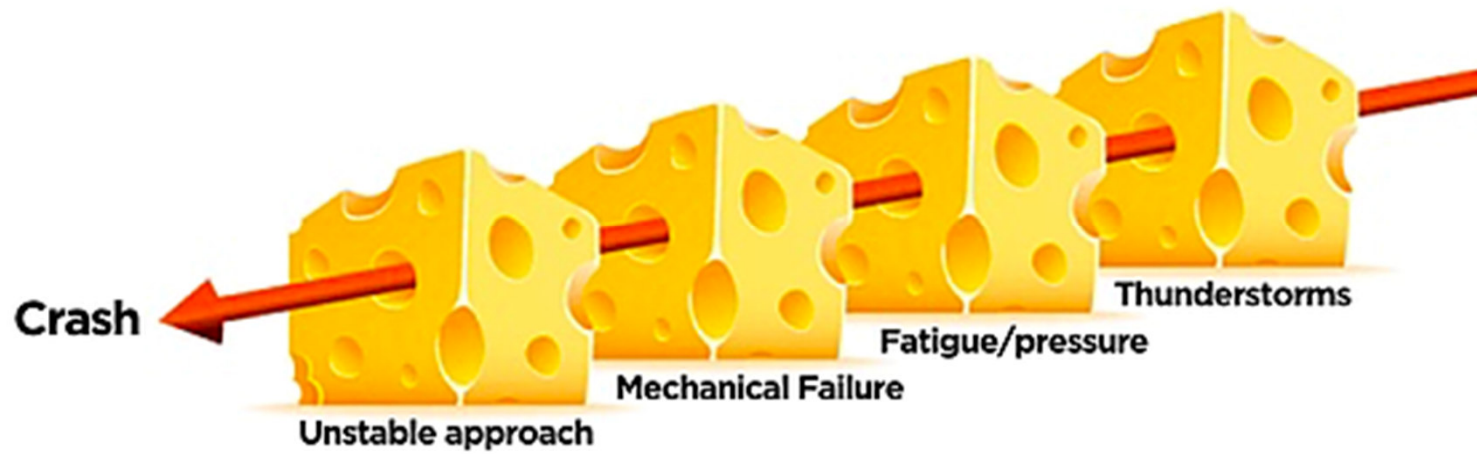
- ✈ „Panic“



Model SHELL



Reason's model



Possible precautions

Personal problems/frustration

- ✈ intentional act
- ✈ locked cockpit door

Psychical problem

- ✈ Psychological examination

Loss of the employment

- ✈ Airline policy
- ✈ Social programs



AVSEC & Emergency training



Thank you for your
attention

