

Instructor weekend 2015

NTNUF

Agenda

- One answer to the students
- NTNUF seen from the outside
- Secure pilot
- Self-test

**One answer to the
students**

One answer to the students...

- Klink
- Landing Speed Twin
- Location in landing pattern

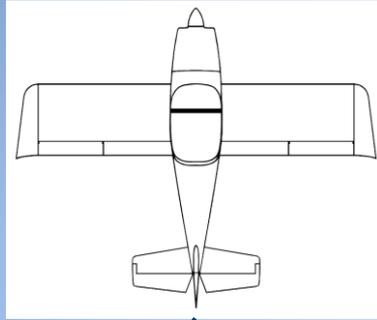
One answer to the students...

- Klink

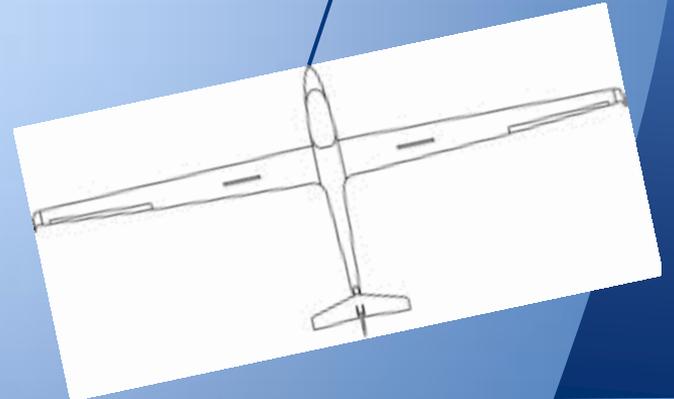
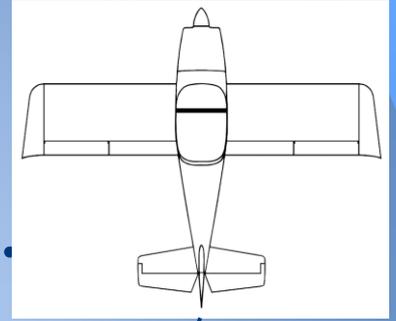
- slip out, given the skill level
- rudder early
- aileron later
- **in parallel (!) with towplane**
- demonstrate controlled situation

Klink

So...



Not the way.



One answer to the students...

- Landing Speed Twin
- 105 km/h
 - + half of the against the wind
 - + other correction (water, weight, turbulence, ...)

One answer to the students...

- Location in landing pattern
- angle, angle, angle
- not relative to something on the ground

NTNUF from the outside

NTNUF from the outside

The word is your

NTNUF from the outside

From the narrative...

... to task for you and me?

A safe pilot
A safe Club

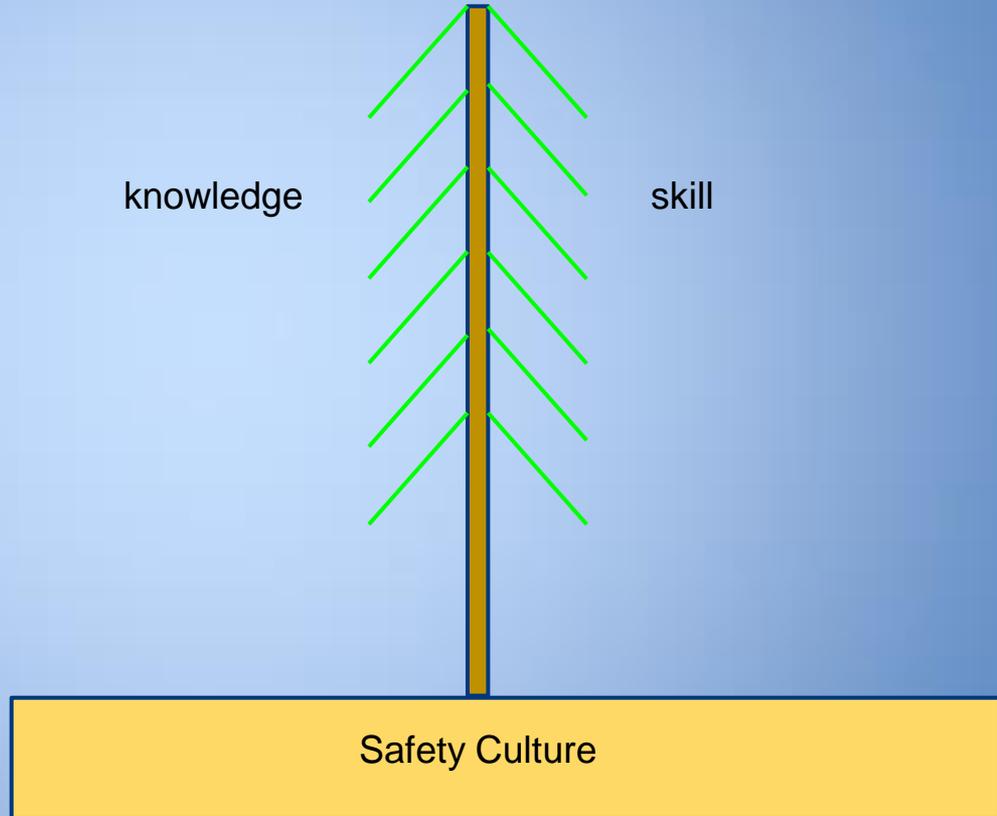
A safe pilot

What are the characteristics of a safe pilot?

A safe pilot

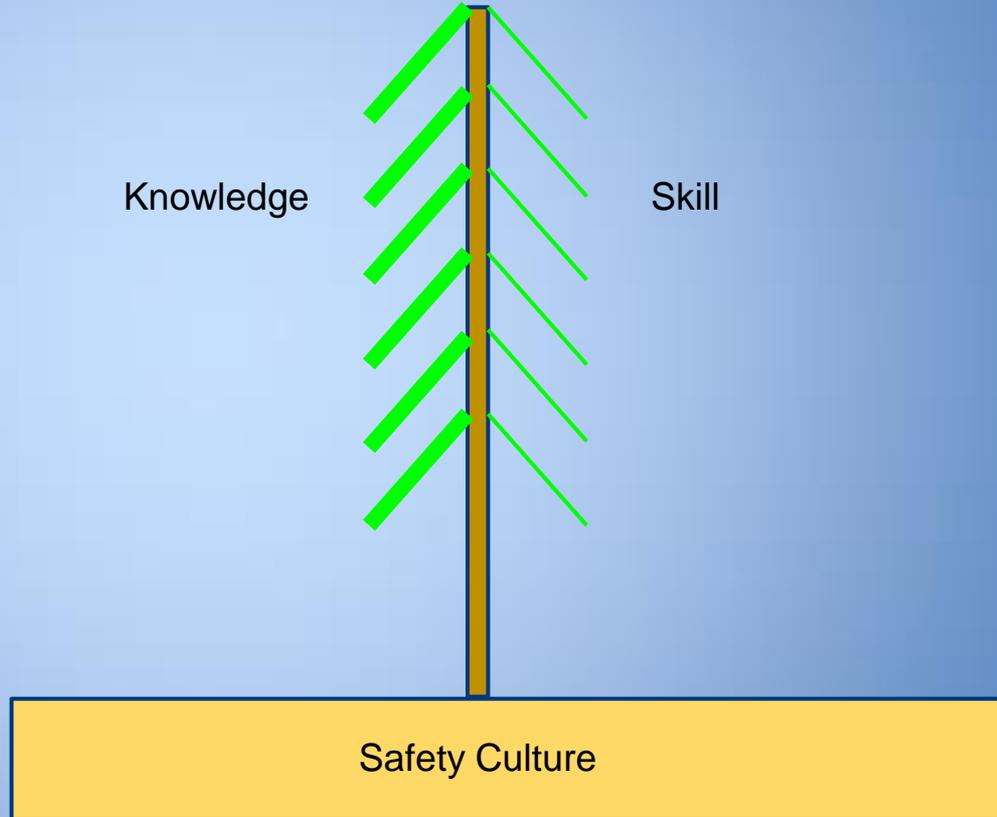
Lilands three:

- Knowledge
- Skill
- Attitudes
- Safety culture



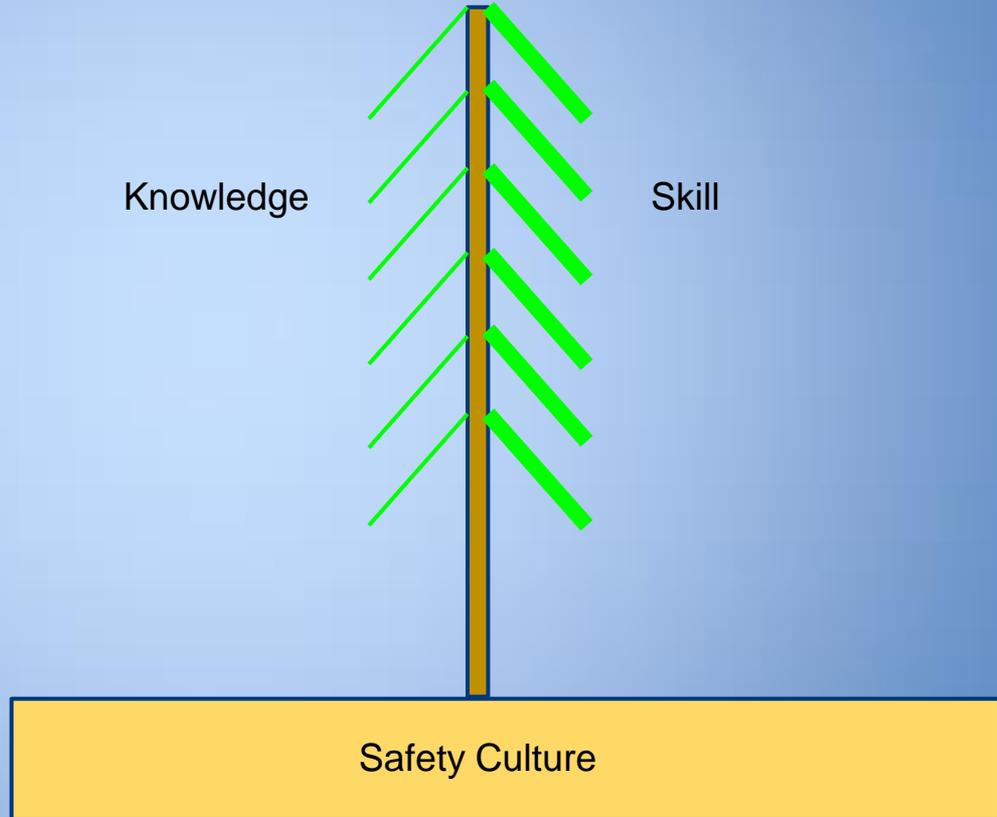
A safe pilot

A lot of
knowledge-a
little skill



A safe pilot

A lot of skill-
little
knowledge



A safe pilot

- as long as the stem is strong, the tree is loaded on the wrong foot but still stand
- If the stem is weak fall tree together
- If the safety culture is missing the stem does not grow

Safety Culture is the accepted attitude and behavior

A safe Club

Provides good fertile ground for both new and old, by highlighting certain safety culture and continue in the training of new pilots

A safe Club

How the container will nurture the bottom and provides for new strains that will grow and mature well?

Our challenge is great turnover and at the same time, how to keep good safety culture

Airmanship

It's all about learning quickly but maintaining good airmanship-!

Airmanship - definition

What is airmanship?

Airmanship - definition

“The art of flying”

Airmanship - definition

“The art of flying”

“Skill and knowledge applied to aviation”

Airmanship - definisjon

“The art of flying”

“Skill and knowledge applied to aviation”

“The fundamental principles of airmanship are skill, proficiency, and the discipline to apply them safely and efficiently”

...

Airmanship - discussion

Groups of 3

“Our challenge is turnover. What can we do better to teach airmanship quickly - and well- and thus ensure good fertile ground for new growth? ”

Airmanship - discussion

Make a note?

What did you get?

Airmanship - definisjon

Ebbage & Spencer (BEA & NASA)

“From the literature, it is difficult to establish whether airmanship is a process, a state, a skill or an outcome. Whether it means having expert flying skills, sound judgement or good situational awareness; or whether it simply means having the “right attitude”.

The confusion stems from the fact that airmanship is all of these things.”

Airmanship - E&S

Define airmanship as:

“A personal state that enables aircrew to exercise sound judgement, display uncompromising flight discipline and demonstrate skilful control of an aircraft and a situation. It is maintained by continuous self-improvement and a desire to perform optimally at all times.”

Airmanship - E&S

3 levels

- BASIC

- basic competence

Airmanship - E&S

3 levels

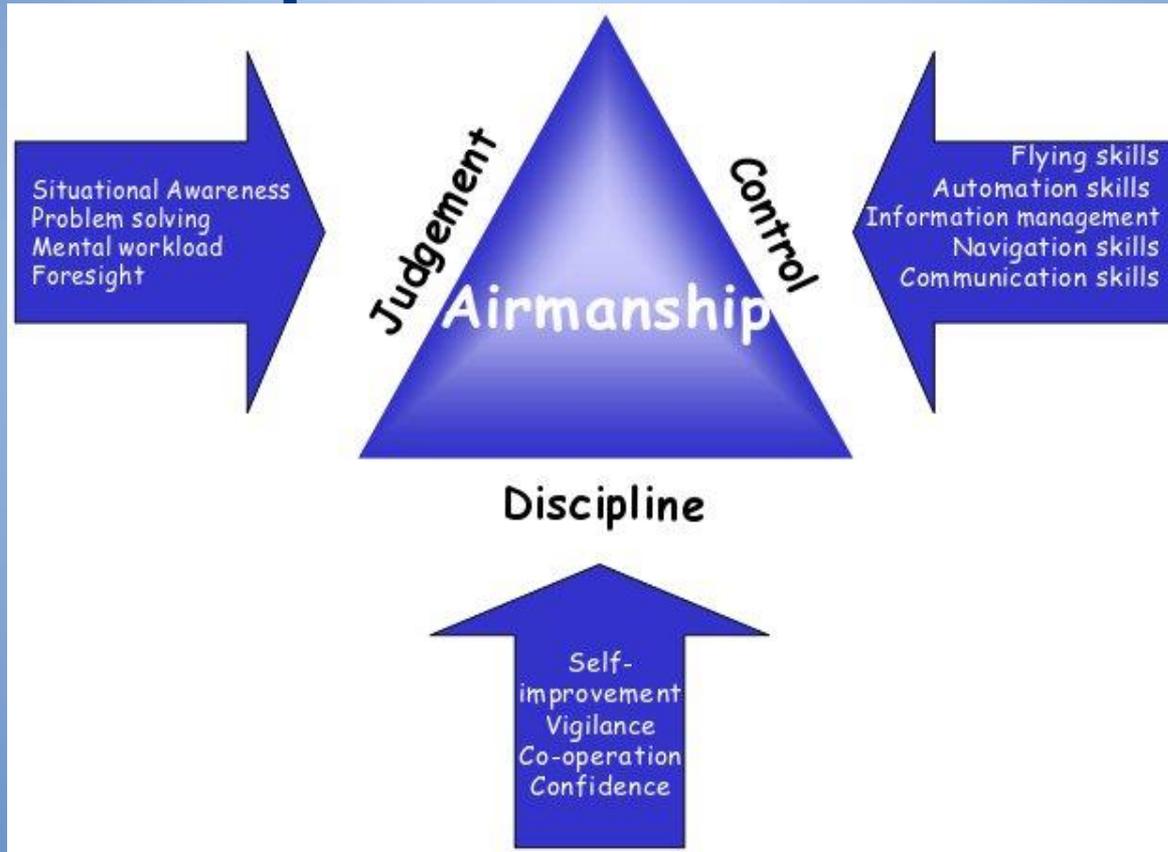
- BASIC
- ADVANCED
 - Foresight
 - Problem solving
 - Situational awareness

Airmanship - E&S

3 levels:

- BASIC
- ADVANCED
- OUTSTANDING
 - the will to be excellent

Airmanship - E&S



Airmanship - E&S + NATO

1. Teach discipline and attitudes from the onset
2. Teach students to identify the hazardous attitudes associated with poor airmanship, and antidotes
3. Use case-studies, discuss

Airmanship - E&S + NATO

5 attitudes

Hazardous Attitude		Antidote
Anti-authority	'The regulations are for someone else'	'Follow the rules. They are usually right.'
Impulsivity	'I must act now, there's no time'	'Not so fast. Think first'
Invulnerability	'It won't happen to me'	'It could happen to me'
Macho	'I'll show you. I can do it'	'Taking chances is foolish.'
Resignation	'What's the use?'	'Never give up. There must be something I can do.'

Airmanship - E&S + NATO

4. Teach teamwork skills using video/voice + discuss
5. Teach strategies for managing workload
6. Teach strategies to manage workload (aviate, navigate, communicate)

Airmanship - E&S + NATO

7. Teach fundamentals of situation awareness, signs of lost SA, and how to recover SA.

SA = “knowing what is going on, so you can figure out what to do”

Self-test

Safety self-test

If you were to have an accident this year, what would it be?

Safety self-test

Why?

Safety self-test

What can you do to avoid it?