

Performance triangle – (KAS)

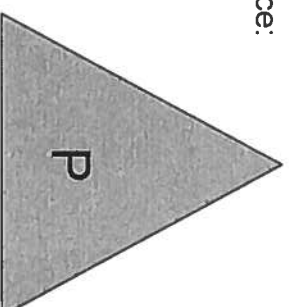
Knowledge:

- Knowledge the pilot must remember by heart (e.g. memory items for a critical emergency)
- Knowledge the pilot knows where to find (operation manuals, checklists, IPAD's etc.)

Knowledge can also be weighed in terms of importance:

- Knowledge the pilot **MUST** know
- Knowledge the pilot **SHOULD** know
- Knowledge that might be **NICE** to know

Knowledge



Attitude

Attitude is demonstrated by the manner in which the pilot carries out his duties and how he communicates with others, particular tone of voice and non-verbal communication.

Skills

Skills:

Skills can be divided into 5 basic categories:

- Manual skills – basic functions such as operating switches and levers
- Cognitive skills – problem solving, decision making and including such non-technical skills as leadership and judgement
- Communication – crew cooperation and creating situation awareness
- Psychomotor skills – when mental activity stimulates simultaneous physical activity such as flying and cycling
- Perceptual skills – colour matching, tasting, performance assessment, Reaching conclusions based on the use of the senses

Some factors that can influence attitude are:

Motivation, beliefs, feelings, value, opinions, expectations, desires and temperaments which relates to the pilots personality.

Important:

Knowledge and skills must be divided into technical and non-technical skills