

# Scenario

Operation Adams has just commenced. You are part of an initial search where there are 7 people missing. The area around the missing parties LKP (last known point) is of high interest for us.

Your task is to:

- Identify any potential clues inside your search segment ***without contaminating the site.***

***Do not go close to the objects, stay where directed by the tutors***

# Team Tasking Safety Sheet



## LandSAR Team Tasking & Safety Assessment Form (version 2)

1 of 2

**This form is for use whenever written task assignments are prepared at LandSAR events (eg. SAROPs and SAREXs). Incident managers (IMTs) should complete page 1 and task leaders should then complete page 2, with input from their teams.**

**Operation name:**

Adams

**Today's date/time:**

1000hr

**Prepared by:**

H.McLean

**Task ID:**

SAR01

**Team Leader/Person in Control of Task:**

Course Lead Tutor:

**Team name:**

Team 1 & Team 2

**Team type:**

Field Team

**Team members**

**Map**

NA - Segment around the LKP

# Take Five

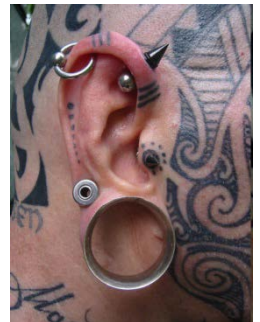
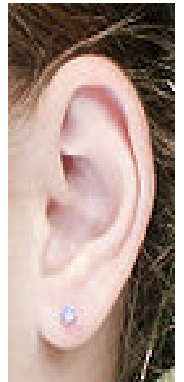
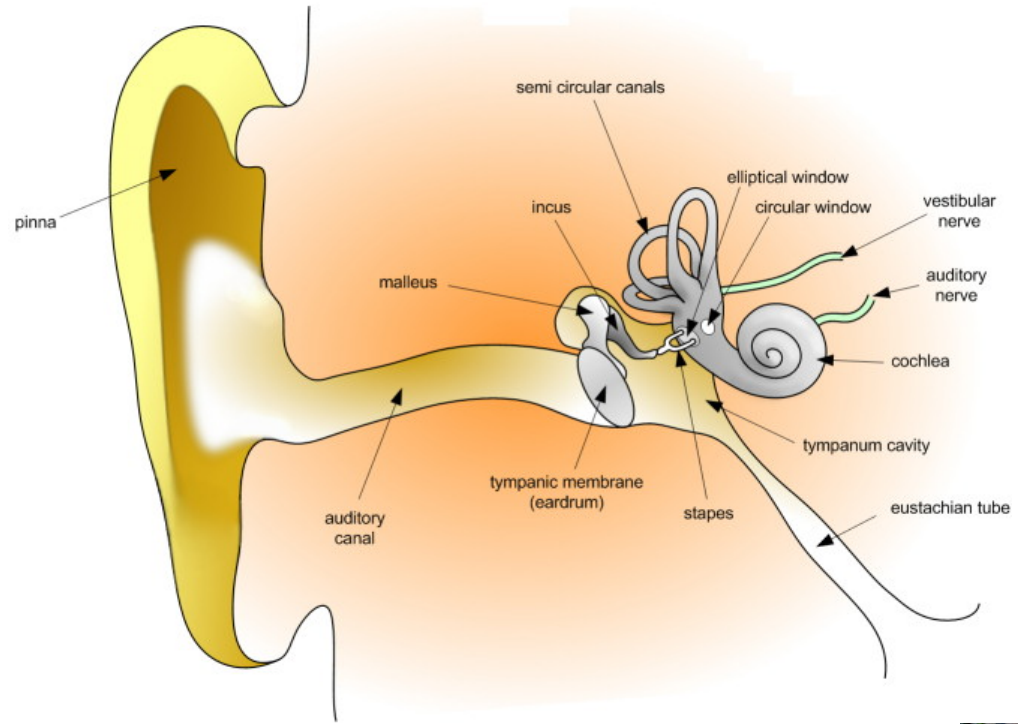
## FIELD SAFETY BOOK

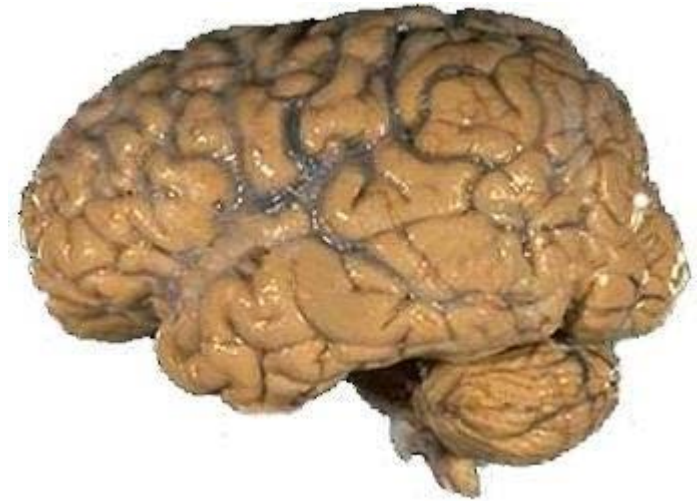
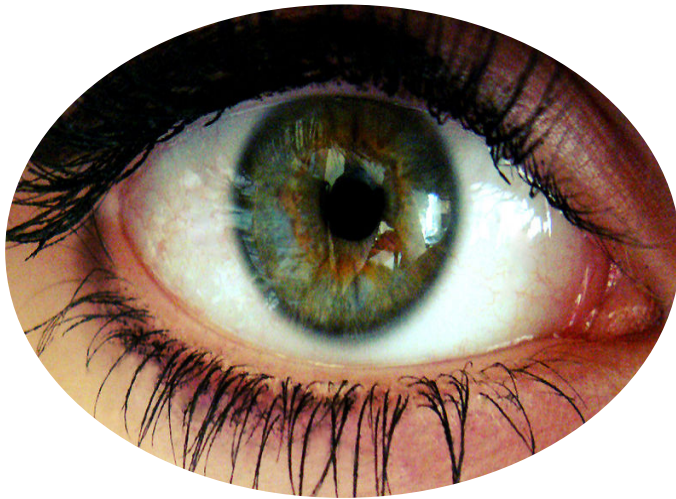
*Owner:*





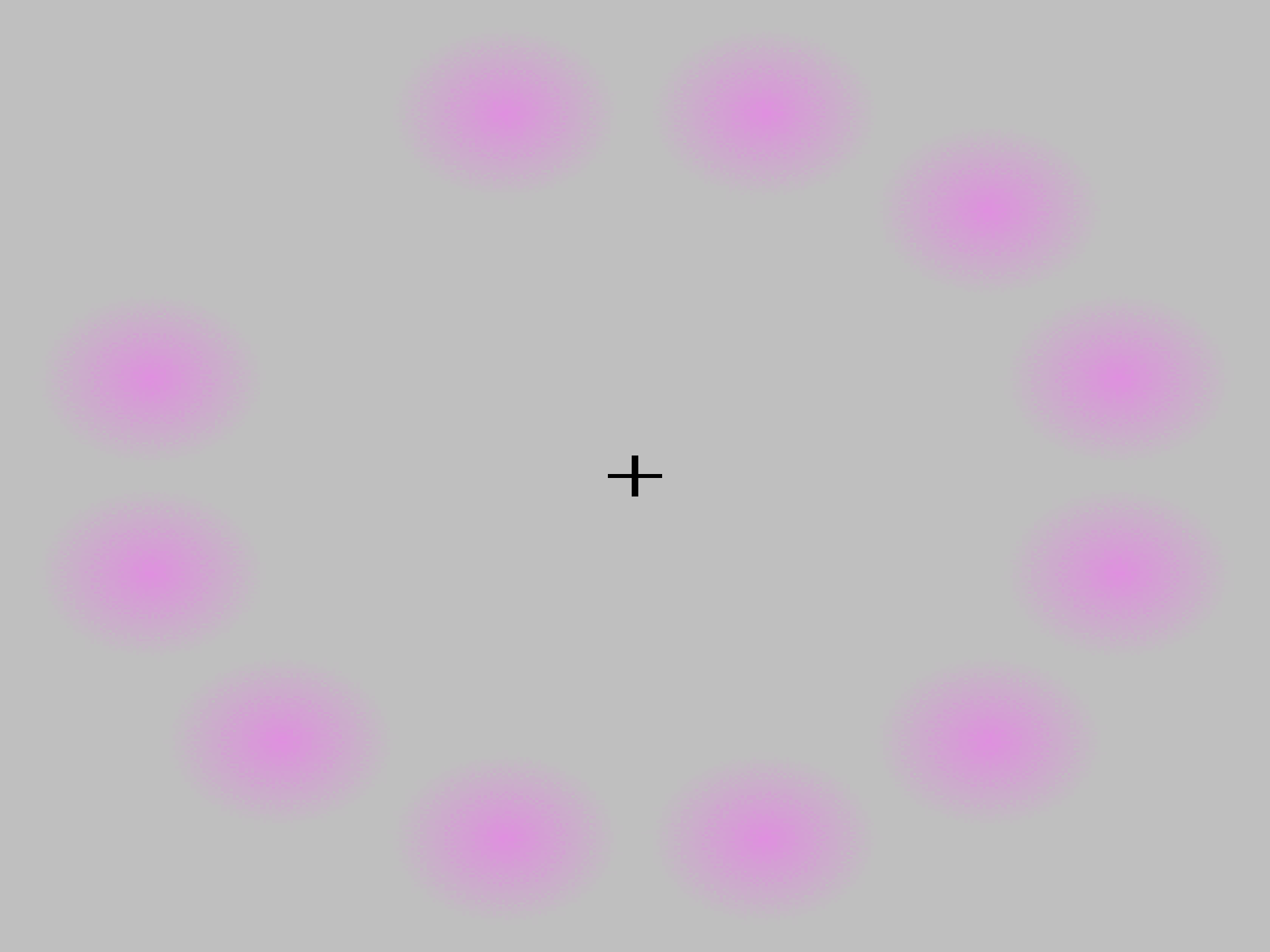






Detection

Recognition







# Observations





# Observations

What is measurable?

# Observations

What is measurable?

Things - Lillie wrapper, footprint, broken tree

# Observations

What is measurable?

Things - Lillie wrapper, footprint, broken tree

Attributes – Shape, Shape, Colour

# Observations

What is measurable?

Things - Lillie wrapper, footprint, broken tree

Attributes – Shape, Shape, Colour

Changes – Movement, Colour

# *Observational Inference*

Scientific ideas combined with experience to determine what you are seeing.

Inference: Type of discardable, Age of sign to determine... ?



# Visual Search and Identification

Subject factors





# Visual Search and Identification

## Subject factors

Group exercise:

In your groups write down a list of factors through which the subject itself (ie what you are looking for) could affect detection and recognition.

# Visual Search and Identification

## Subject factors

- Size
- Shape
- Colour
- Shine
- Movement
- Silhouette
- Shadow

# Visual Search and Identification

## Searcher Factors



# Visual Search and Identification

## Searcher factors



# Visual Search and Identification

## Searcher factors

Group exercise,

Does searcher effectiveness remain constant throughout an operational period?

In your groups list the factors through which a searcher could affect the search.

# Visual Search and Identification

## Searcher factors

Motivation

Physical condition

Energy levels

Concentration

Training

Skill level

Attitude

Systems



# Environmental Factors





# Visual Search and Identification

Environmental factors



# Visual Search and Identification

Environmental factors

Group exercise

In you groups list the factors through which the environment could affect the search

# Environmental factors

Weather

Vegetation

Terrain

Light

Height

Time of day

River

Tides

# Two subject types.



Will the subject type affect  
the SAR response?







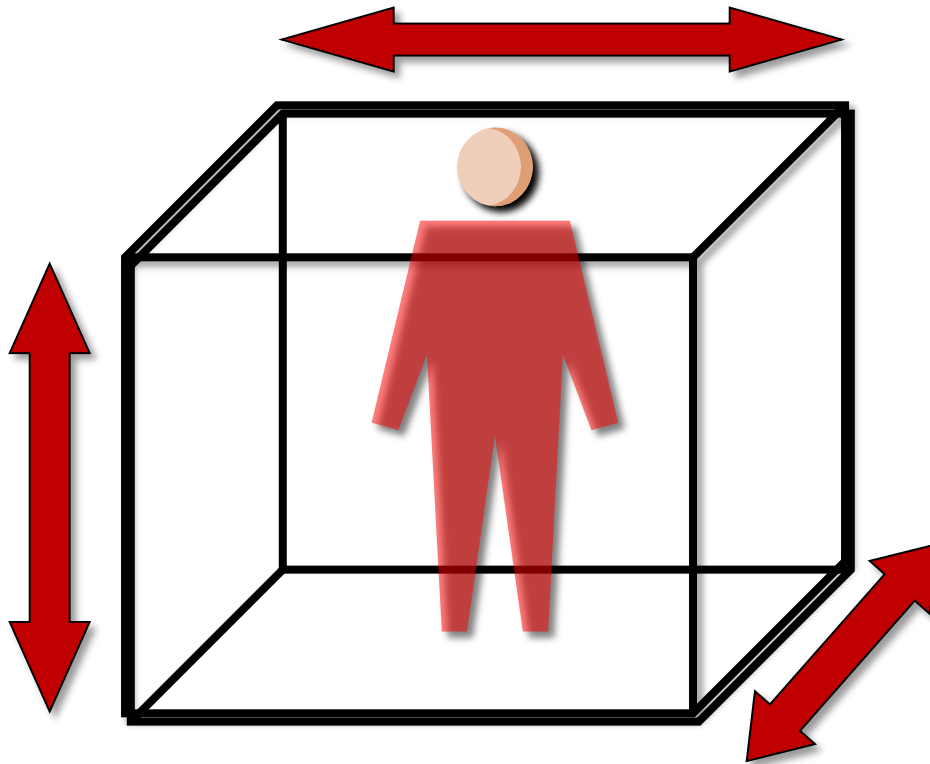
# Systems

Ways of enhancing our observation skills

Increasing our POD



# Detection – The Searcher Cube



# Scanning

Develop a systematic routine of visual snapshots whilst stationary.

Vast improvement on visual sweeps due to the way the eye works

- Maximum visual coverage with minimal gaps
- Covers all planes of the Searcher Cube
- Incorporates near, middle and far distance vision

You *will* scan into your neighbours search areas –  
This is good!



# An example of scanning



SEBEV SAR



# An example of scanning



FAR

MIDDLE

NEAR



# Improving Detection

- How can we improve searcher detection?

## Scenario (2<sup>nd</sup> attempt)

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*Owner:*