

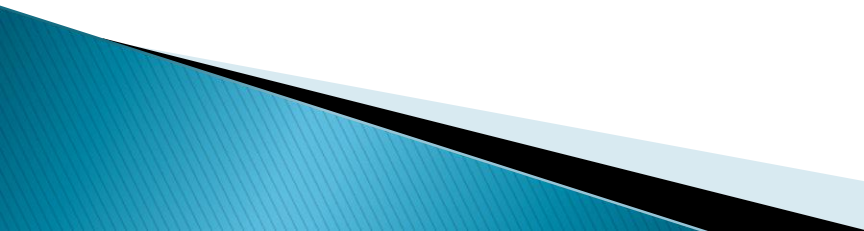
# Skills Training

Keith Calvert  
Director  
Human Factors Training Solutions

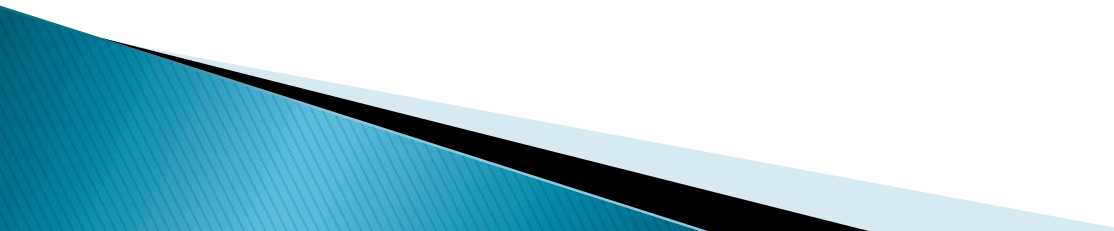




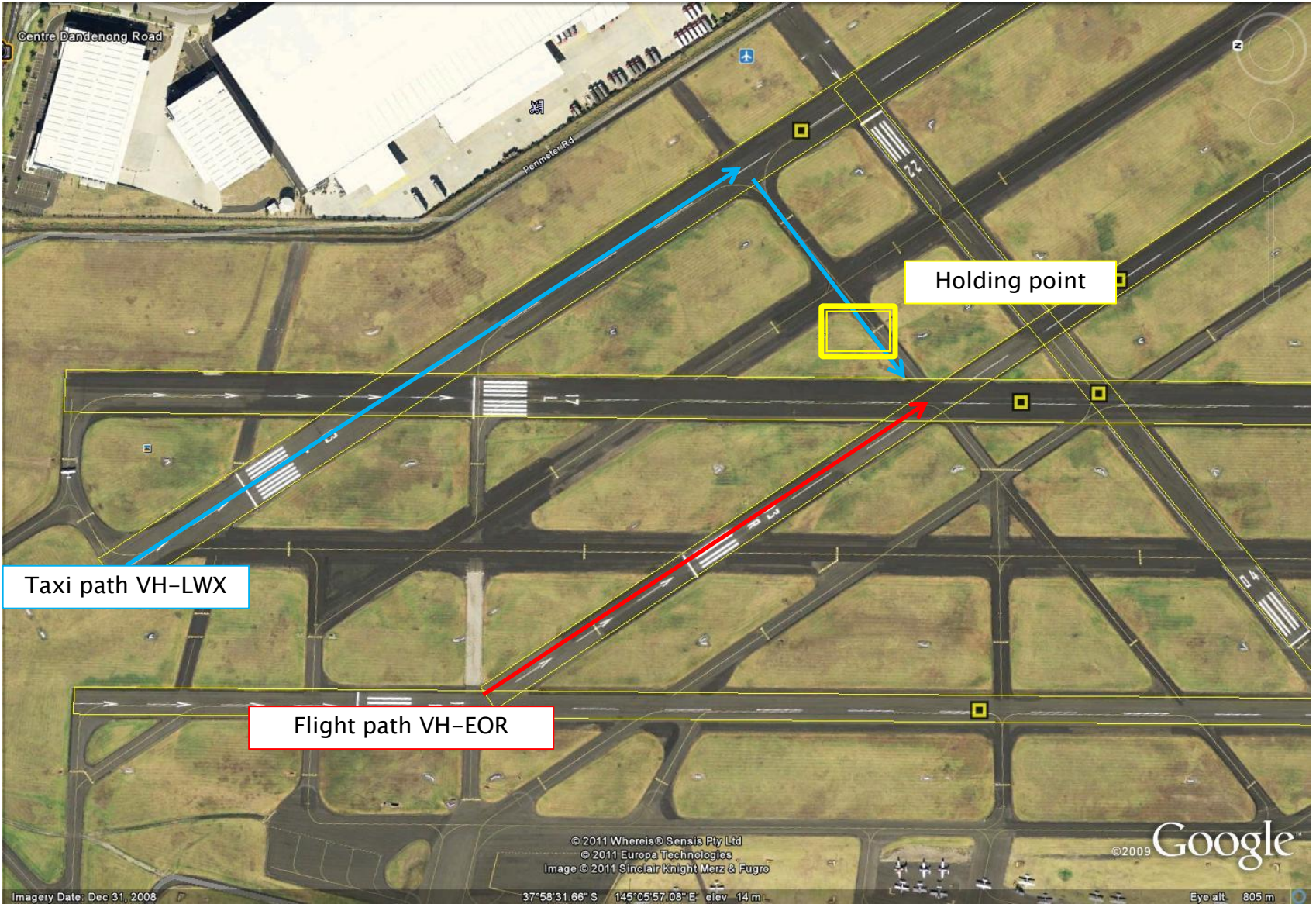
## On completion of this module, course participants will be able to:

- ▶ **Recognise** the importance of situational awareness
  - ▶ **List** the factors associated with situational awareness in an aviation context
  - ▶ **Identify** factors that may lead to a loss of situational awareness
  - ▶ **List** methods of recovering situational awareness following a total or partial loss of Situational Awareness
- 

# LEARNING TO READ

- ▶ Songs, chants, and poems that are fun to sing and say
  - ▶ Games and other activities that involve talking, listening and, in particular, following directions
  - ▶ Activities that help children to understand that print represents spoken language
  - ▶ Discussions that focus on a variety of topics, including problem solving
  - ▶ Activities that highlight the meanings, uses, and production of print found in classroom signs, labels, notes, posters, calendars, and directions
- 





Taxi path VH-LWX

Flight path VH-EOR

Holding point

© 2011 Whereis© Sensis Fly Ltd  
© 2011 Europa Technologies  
Image © 2011 Sinclair Knight Merz & Fugro

©2009 Google

Imagery Date: Dec 31, 2008

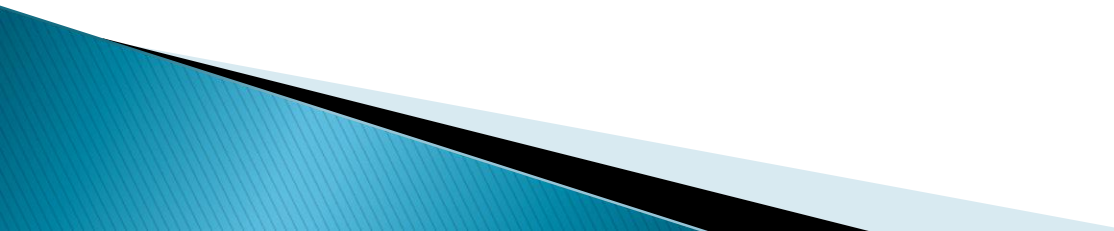
37°58'31.66" S 145°05'57.08" E elev 14 m

Eye alt 805 m

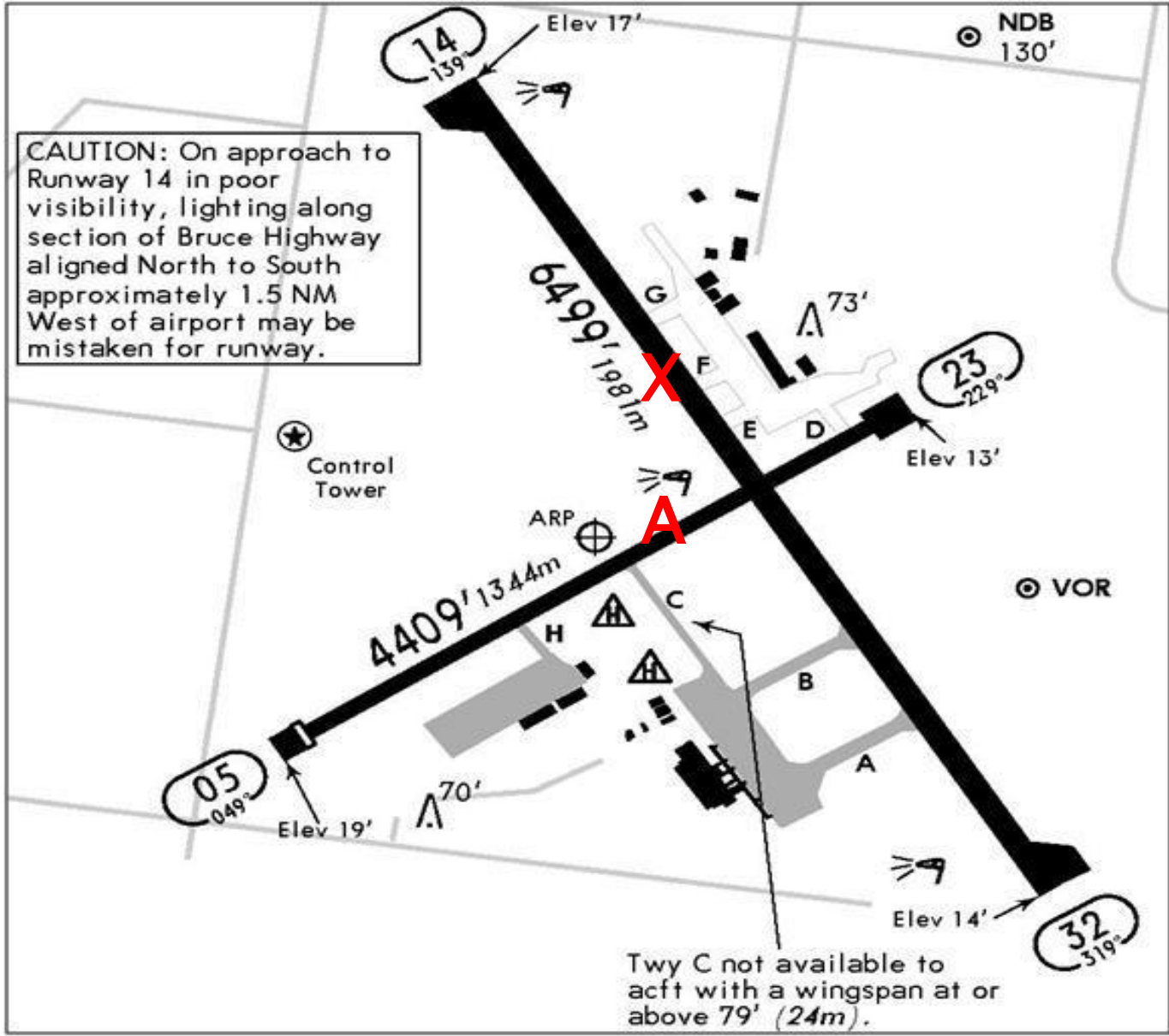




# What went wrong here?

- ▶ Poor communication
  - ▶ Incorrect decision making
  - ▶ Lack of teamwork
  - ▶ Loss of situational awareness
- 

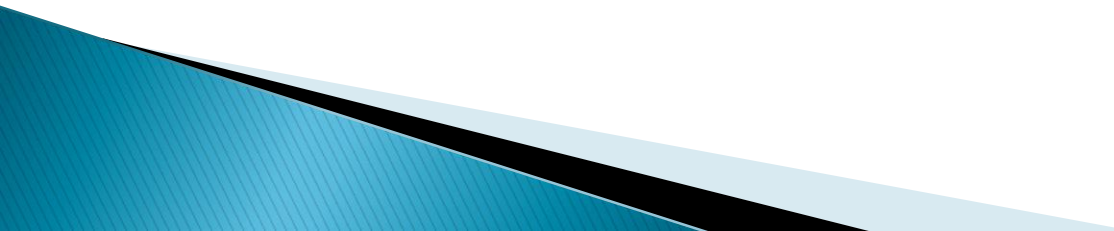
CAUTION: On approach to Runway 14 in poor visibility, lighting along section of Bruce Highway aligned North to South approximately 1.5 NM West of airport may be mistaken for runway.



# Which Human Factors element was absent?

- ▶ Communication
  - ▶ Decision Making
  - ▶ Leadership
  - ▶ Teamwork
  - ▶ Situational Awareness
  - ▶ Workload Management
- 

# DECISION MAKING

1. Unsatisfactory. Ad hoc and irregular. Poor decisions leading to high risk actions.
  2. Decisions sometimes reflect poor technique and judgement.
  3. Satisfactory. Safe and methodical. May not think laterally.
  4. Accurate and confident. Able to quickly assess a variety of options.
  5. Excellent. Consistently finds optimal result and readily reviews outcomes.
- 



*Human Factors Training*

---

**SOLUTIONS**

**Keith Calvert**  
**Director**

[www.hfts.com.au](http://www.hfts.com.au)