



**Registered Office and Operations:**

7 Garcia Court, Peregian Springs Estate  
Peregian Beach 4573, QLD Australia  
Phone: +61 (0)7 5448 2788  
Fax: +61 (0)7 5448 2755  
Mobile: +61 (0)439 031 654

E-mail: [colin.weir@flightsafety.com.au](mailto:colin.weir@flightsafety.com.au)  
Website: <http://www.flightsafety.com.au>

**Perth Base:**

P.O. Box 520  
Harvey, 6220 WA Australia  
Phone: +61 (0)8 9733 4870  
Fax: +61 (0)8 9733 4872  
Mobile: +61 (0)439 031 654

## **HELIDECK INSPECTION AWARENESS TRAINING AND ACCIDENT INVESTIGATION COURSES**

Flight Safety Helideck Certification Pty Ltd is calling for expressions of interest in two courses planned during the second half of 2010: the **Helideck Inspection Awareness Training Course** and the **Accident Investigation Course**.

A 'Certificate of Awareness Training' is issued to all participants.

The courses will be held at our traditional venue at the Hyatt Regency Coolum on the Sunshine Coast.

The **Helideck Inspection Awareness Training Course** will be presented by Colin Weir, Nigel Woolmer and Dave Bergus; the interactive Accident Investigation Course will be presented by Nigel Woolmer.

Flight Safety Helideck Certification Pty Ltd as contracted agents to the HCA (Helideck Certification Agency) in Aberdeen is by mutual agreement, providing detailed courses that replicate the HCA courses presented in Aberdeen and in addition will include information gleaned from local operations.

The **Accident Investigation Course** is the course presented annually at the CHC safety summit in Vancouver and by mutual agreement with CHC has been made available through Nigel Woolmer for presentation in Australia.

A detailed profile of the two courses is provided below followed by the costing structure.

### **Profile of the two day Helideck Inspection Awareness Course**

The course, based on the UK CAP 437 Standard industry norm - recognised by all major oil and gas exploration companies operating offshore, provides an effective inspection regime with associated legal and insurance coverage.

**It has become evident that Helideck Inspection Awareness Training is not only critical to the Helideck inspection approval process but also to each crew member operating offshore, as in the final analysis the crew members, or specifically the pilot-in-command, has final responsibility for ensuring that the Helicopter Landing Site or Helideck is fit for purpose – this is not viable without formal awareness training.**

In addition all HLO's involved in issuing the final clearance to land on the Helideck, should have undergone this training. Other persons or agencies with an interest in Helideck standards (e.g. national civil aviation authorities, governmental health and safety executives, offshore oil and gas representative organisations) should also consider the formal training process.

Flight Safety Helideck Certification Pty Ltd as an integral component of the HCA/Global Helideck inspection network has access to critical Helideck Committee amendment and update improvement processes. Due to the constant changes, refresher training should take place at two yearly intervals – the refresher course requirement is covered in one day.

The two day Helideck Inspector Awareness Training Course covers as a baseline the United Kingdom Civil Aviation Publication 437 Standard, (Sixth edition/April 2010 incorporating Amendment 01/2010), also included, as relevant –

- Australian CASR 1998/CAR 1988/Civil Aviation Act 1988/CAO's and CAAP's
- International Civil Aviation Organisation (ICAO) - Annex 14 Part II Heliports
- OGP (International Association of Oil & Gas producers) Standard
- ICAO Heliports Manual

- UKOOA North Sea Standards
- Best Global Industry Practice

**The Course includes but is not limited to:**

**Basic:**

- Basic auditing and inspection technique
- Inspector equipment requirements
- Offshore Installation protocols and procedures
- National regulatory requirements
- CAP 437 update differences

**Helideck:**

- Landing area dimensions, surface, lighting and markings
- Helideck equipment, including -
  - Rescue and fire-fighting arrangements
  - Radio Equipment
  - Meteorological Equipment
  - Standard Helideck Monitoring Systems
  - Approach Aids
- Safety Nets/Helideck and Perimeter
- Turbulence created by superstructure and/or exhausts
- Access stairways
- Obstruction Environment
- Protective Clothing
- Refuelling Facility
- Helideck Crew
- Documentation requirements

**Training:** Cross check on all training requirements

- HLO/HDA
- Dangerous goods
- Weather Observer
- VHF Radio licencing

**New Build Certification Technique:**

New Builds are assessed for CAP 437 compliancy at the design stage, during construction and at final commissioning before operations commence. An overview of these processes is included.

The course also highlights the particular duties placed upon personnel involved in Helideck operations including:

- Helicopter Company Personnel
- Offshore Installation Personnel
- Logistics and HSE Managers
- Personnel required to perform inspections of helicopter landing areas

**Profile of the Accident Investigation Course**

In keeping with the University of Southern California and/or the Cranwell UK Accident Investigation Course, this course used by CHC Helicopters globally (and extended through the Safety Summits to all aspects of the industry) provides an actual "hands-on" investigation method that includes Human Factors.

**Overview:**

Outline of Accident Investigation, reference ICAO - Annex 13, ATSB and international accident investigation organisations as appropriate.

James Reason's - TRIPOD model

- Background, Tripod Incident Causation Model
- Incidents/Accidents includes 'Unsafe Acts', Trends in Safety, Controlling the Uncontrollable
- General Failure Types, Fallible Decisions and Root Causes

Human Factors Analysis and Classification System (HFACS)

Human Factors Intervention Matrix (HFIX)

Interactive Team Exercises

**Costing Profile**

The cost of the Courses is as follows. Company/Group bookings attract a discount per delegate.

HELIDECK INSPECTION AWARENESS TRAINING COURSE	DAY CHARGE	UNIT COST AUD\$ (Ex GST)	TOTAL AUD\$ (Ex GST)
Per <b>individual delegate</b> (2 days)	2 X \$600.00	\$1,200.00	\$1,200.00
<b>Group/Single Company</b> booking minimum 5 delegates, up to maximum of 16 delegates. Charge for group bookings is AUD \$5,000.00 for the two days for up to 5 delegates (i.e. \$1,000.00 per delegate). The maximum number of delegates we can accommodate on a course is 16. Additional delegates over and above the 5 are charged at \$800.00 per delegate - i.e. for a total of 16 delegates it would be \$5,000.00 (5 x \$1,000.00) + \$8,800.00 (11 x \$800.00) = <b>\$13,800.00 Ex GST Total</b>	5 delegates x 2 days	\$1,000.00	\$5,000.00
	Additional 11 delegates x 2 days	\$800.00	\$8,800.00

ACCIDENT INVESTIGATION COURSE	DAY CHARGE	UNIT COST AUD\$ (Ex GST)	TOTAL AUD\$ (Ex GST)
Per <b>individual delegate</b> (2 days)	2 X \$600.00	\$1,200.00	\$1,200.00
<b>Group/Single Company</b> booking minimum 5 delegates, up to maximum of 16 delegates. Charge for group bookings is AUD \$5,000.00 for the two days for up to 5 delegates (i.e. \$1,000.00 per delegate). The maximum number of delegates we can accommodate on a course is 16. Additional delegates over and above the 5 are charged at \$800.00 per delegate - i.e. for a total of 16 delegates it would be \$5,000.00 (5 x \$1,000.00) + \$8,800.00 (11 x \$800.00) = <b>\$13,800.00 Ex GST Total</b>	5 delegates x 2 days	\$1,000.00	\$5,000.00
	Additional 11 delegates x 2 days	\$800.00	\$8,800.00

Accommodation can be booked by visiting <http://coolum.regency.hyatt.com/hyatt/hotels/rooms/room-description.jsp>

The nearest airport to Hyatt Regency Coolum is the Sunshine Coast Airport, with a 10 minute hotel transfer - alternatively Brisbane Airport has a 1½ hr door-to-door hotel transfer.



Upon registration an invoice will be issued, payable by direct deposit, prior to attendance of the nominated course.

As there is limited availability for these two courses, notification has been directed to the most relevant organisations nationally. Future courses will be advertised globally.

Thank you.

Kind regards



**COLIN WEIR CEO**