
**Dr. [REDACTED] presentation -
Underwater Helicopter Escape**

Underwater Helicopter Escape

Dr. [REDACTED]

CAPP Meeting

31 January 2006

Credentials

Medical Doctor, MSc in Exercise/Diving Physiology

Consultant in Diving/Aviation Medicine since 1986

CFB Shearwater 1984-6, DCIEM 1986-93, DRDC Toronto 1998-2005

Cave Diving Exploration/Survey since 1985, 1000+ hours

Instructor Trainer for Cave Diving, Advanced Technical Diving, Closed Circuit Rebreathers

Extensive academic/professional/personal experience evaluating/using/teaching underwater breathing systems for use in confined spaces, often in emergency situations



Diogenes Brook
Cape Breton Island
1985



Considerations For Helicopter Underwater Escape Systems

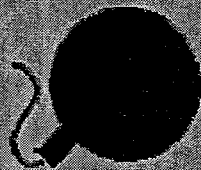
Physical danger of compressed gas

Physiological danger of breathing underwater

Psychological response to emergencies

Physical Danger of Compressed Gas

Explosion!



- Every high pressure compressed gas cylinder is a bomb that contains a great deal of energy

