



Pegasus
Post-Crash Emergency Buoyancy System



Eureka Prizes



2014 Winner



WATODAY.COM.AU
**ENTREPRENEUR
& INNOVATOR AWARDS
2014 WINNER**



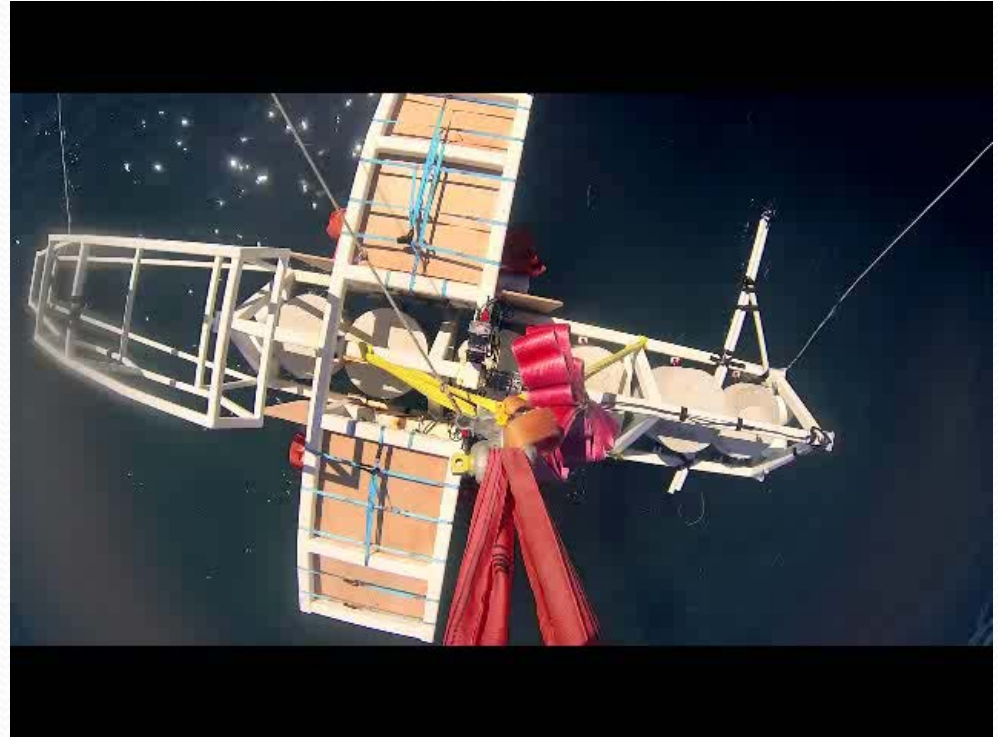
WESTERN AUSTRALIA
**Innovator
of the Year
2014**
Woodside Oil & Gas
ENCOURAGEMENT AWARD WINNER

Pegasus Proof of Concept (completed Mar 13)



What is Pegasus?

- Post-crash Emergency Buoyancy System
- Fully automatic
- Very light weight (< 25 kgs per unit)
- Rapid inflation (< 1.0 sec)
- Instantaneous positive buoyancy



What problem does it solve?

- **Pegasus**

- Weight
- Arrests sinking helicopter
- Floating Orientation



Defence Problem 1

Board of Enquiry into 2006 Blackhawk Crash off Fiji:

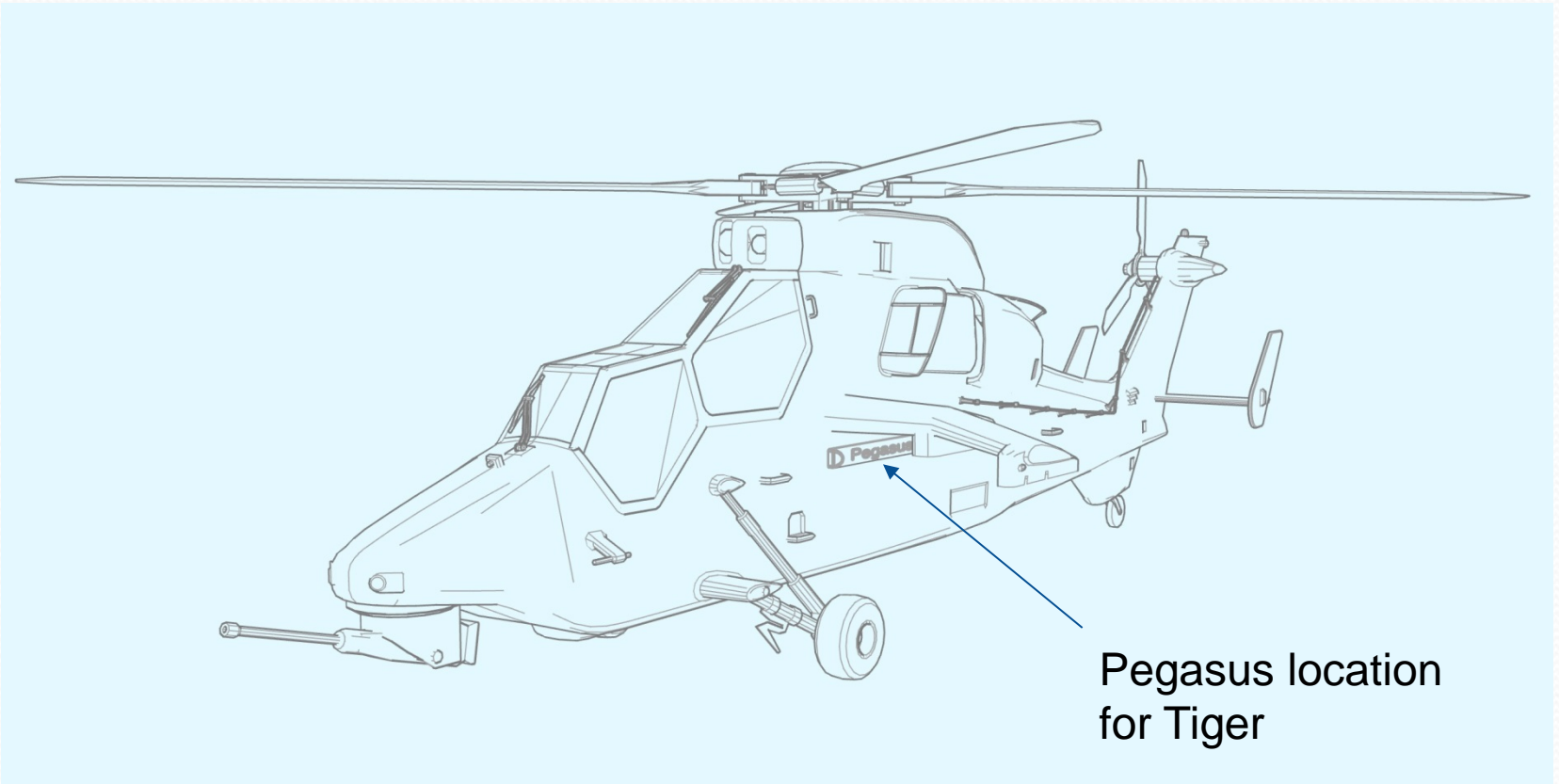
- No engineering solution
- No light weight systems available



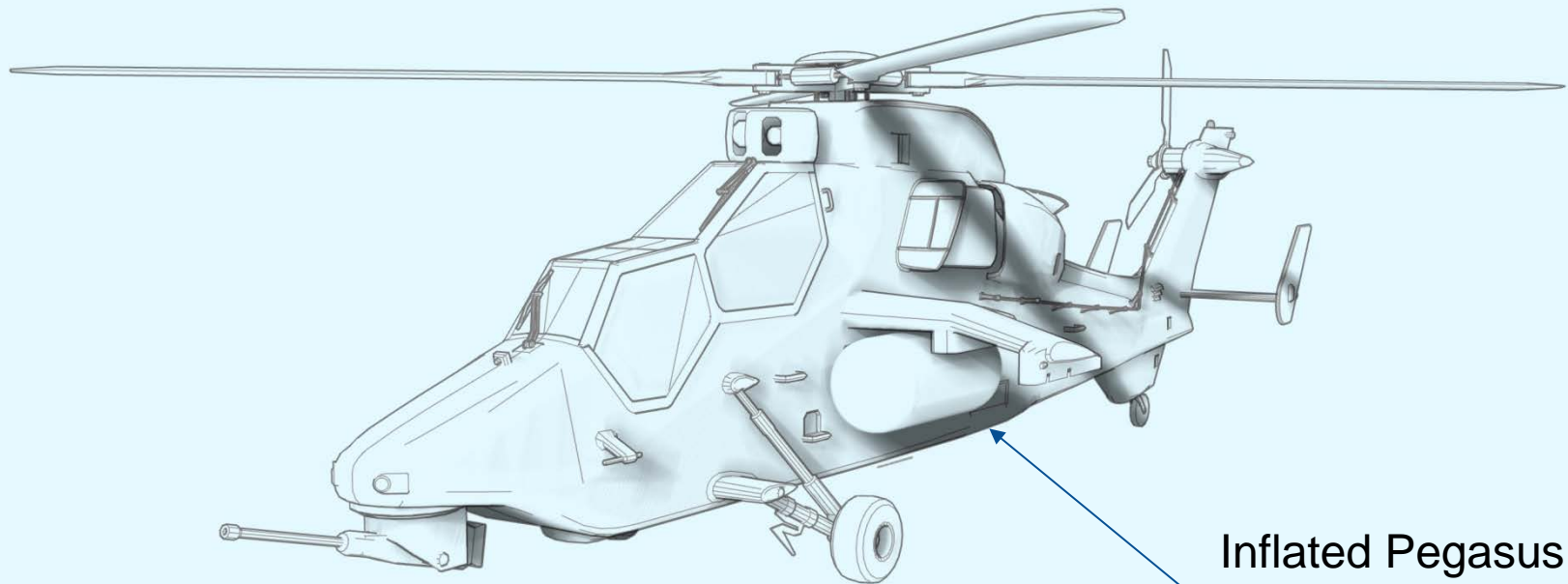
Defence Problem 2



Tiger – Pegasus Fitted

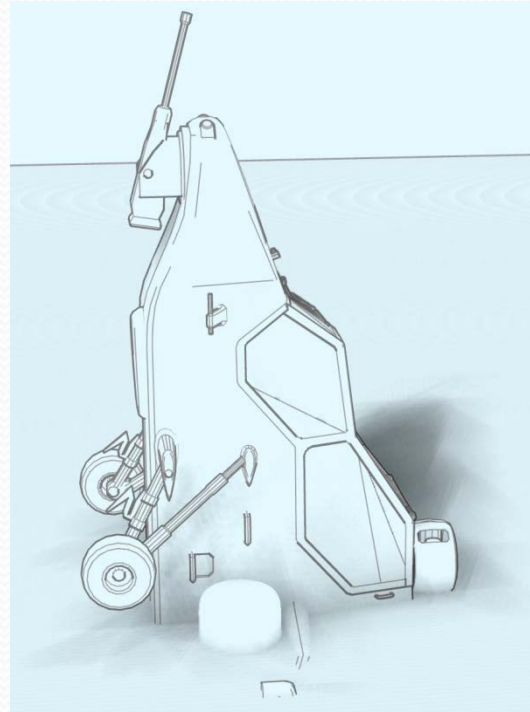


Tiger – Pegasus Inflated

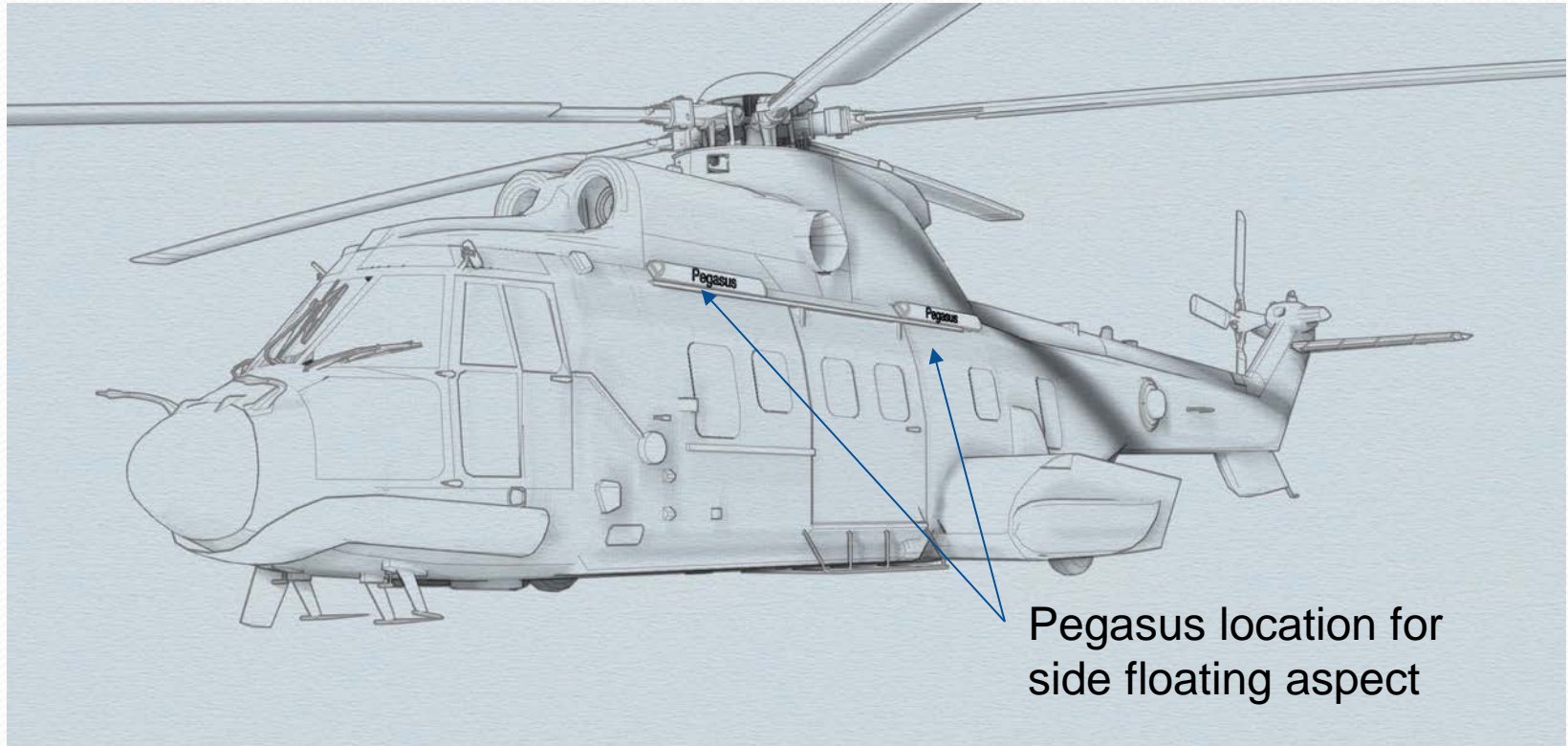


Inflated Pegasus
(bag shaped around
pylon stores and
armaments)

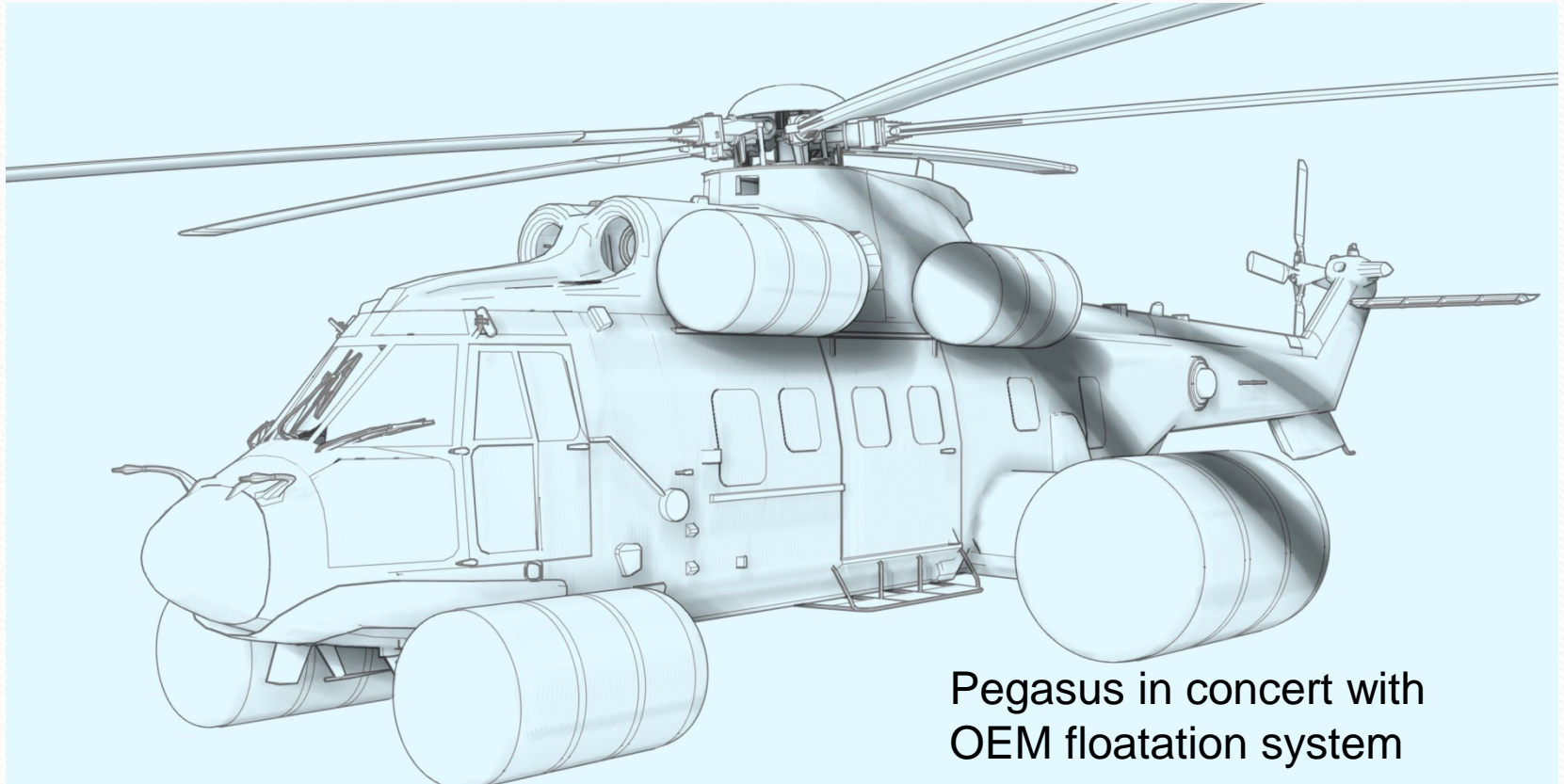
Tiger – In water



Super Puma – Pegasus Fitted



Super Puma – Pegasus Fitted



Pegasus in concert with
OEM floatation system

Questions

