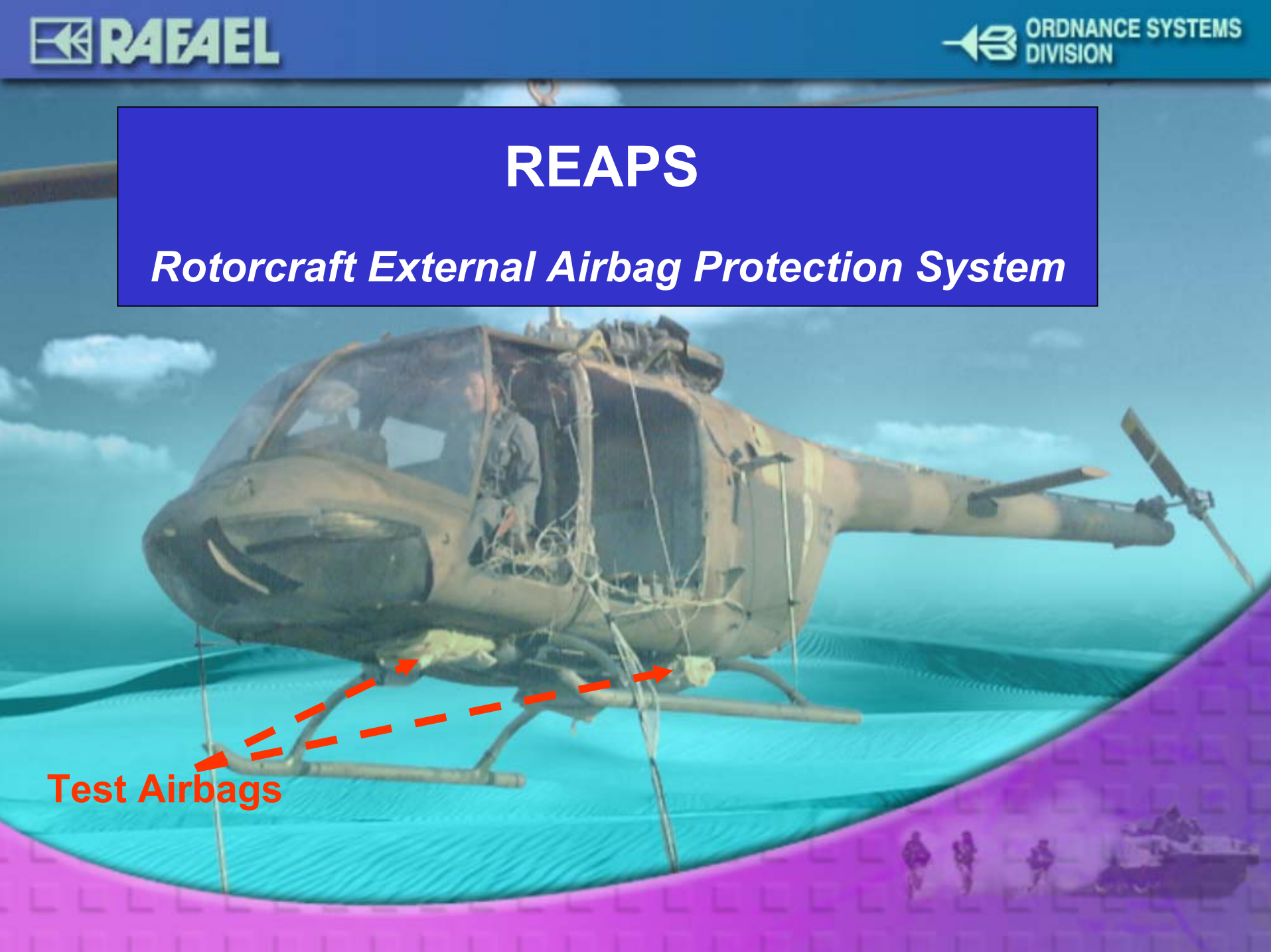


# REAPS

*Rotorcraft External Airbag Protection System*

**Test Airbags**



# REAPS OBJECTIVES

- Reduce injuries/fatalities in severe but survivable crash impacts
- Prevent aircraft damage during a crash impact scenario and enhance reparability
- Provide a high degree of crashworthiness to rotorcraft in a cost and weight effective manner
- Stabilize the rotorcraft during the crash impact to reduce the possibility of rollover and subsequent airframe damage



# Conclusion:

## REAPS has been demonstrated to:

- Provide protection to crew, passengers, cargo and airframe in severe crash impacts
- Be effective for impacts with combined vertical and horizontal velocities
- Make non-crashworthy aircraft crashworthy
- Be effective for both soil and water impacts
- Reduce damage-producing rollover during a crash
- Significantly enhance aircraft reparability after a severe impact
- Be installable both by retro-fit an by production line implementation
- Have both civil and military application

