

# Sport Helicopters, Safe Adventures.

Emerging market for  
personal sport helicopters.

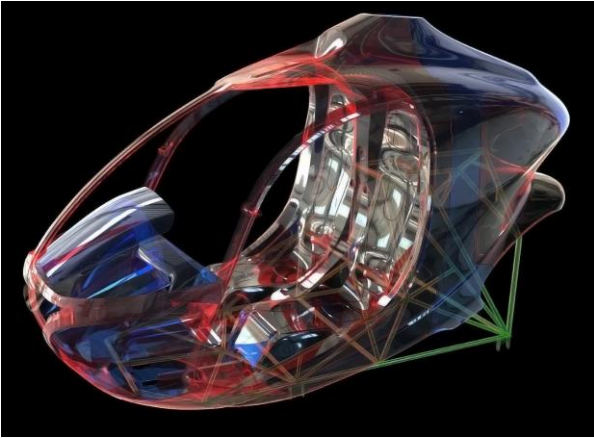
Keith Barr  
CEO



# Cicaré S.A. has been selling globally for over 48 years, over 20 countries



**Both two-seat and single seat helicopters + unique Trainer**



**1,500 produced, 300,000+ flight hours, 15 Developed Designs, 60 years of innovation**



**Located in Saladillo, Argentina**



**60+ factory employees today**

Add some photos  
of the helicopter in  
build in Reno, or if  
you have any of  
first flights

# Cicaré USA – A new venture into America

- Launched operations in July 2023 in Reno, NV
- Sales, service & support for North and Central Americas
- Builder Assist program & training partners
- Keith Barr, President & CEO, serial entrepreneur, manufacturing experience



# Operational safety is our focus

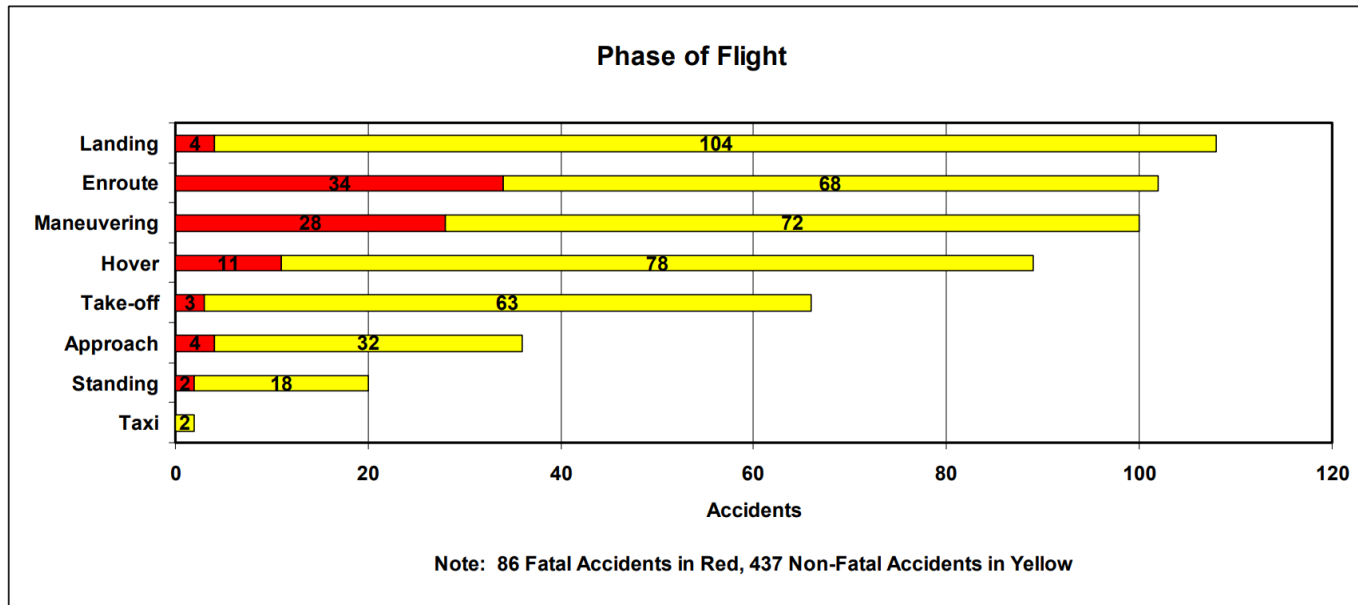


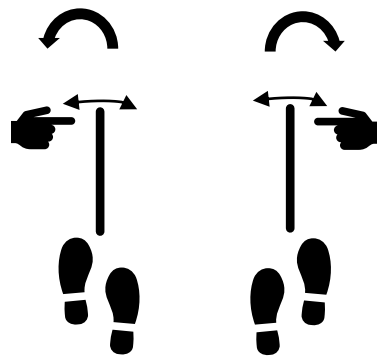
Figure 10. Phase of Flight (523 Accidents)

Note: 86 Fatal Accidents in Red, 437 Non-Fatal Accidents in Yellow

- Helicopters operate off-airport
- Higher operational risks show in accidents/incidents
- Insurers currently see as higher-risk

We can make a safer environment by providing safety systems to assist in situational awareness and help pilots **be safer.**

# VRS Alert



## Approach Alert

- Approach profile alert to pending vortex ring state (VRS) during the approach to landing site

## Features

- Uses existing instrumentation
- Warns of trends toward VRS condition
- Visual and audio alert to pilot for evasive action (Vuichard Recovery)
- Configurable on install for different rotorcraft models/performance



# Helicopter Parking

## Live LZ

- Live video of landing zone

## Features

- Live camera “look down” with main & tail rotor path overlaid
- 3600 View or Selectable quadrant views
- Eventual proximity quadrant warnings via sensor
- Personalization of aircraft in display



# Active Monitoring of Operator Risks

## Safety systems provide captured telemetry

- Complete flight profile including GPS location of entire flight
- Power settings, RPMs, flight telemetry
- Live video of flight

## Cloud-based solution for owner uploads

- Upload complete flight with all telemetry, location and video
- Complete flight adventure editor for sharing on social media
- Central monitoring for exceedances and risk exposure back to owner/pilot



# Owner Resources for Education & Awareness

## Central monitoring with feedback to operational risks

- Engine operation telemetry
- Pilot's flight telemetry
- Exceedances & risk exposure

## FAASteam updates and reports

- Focus topics and regular updates

## Helicopter Safety Blog

- Owner & adventure specific ideas and knowledge





# Emerging Industry Value

- Lower operational risks for new owners
- Develop safe sport helicopter market
- Lower cost of ownership with insurance underwriters

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