

CERTIFICATION SUPPORT

- CS23 compliance approach
- Test campaigns (drop test, endurance, dynamic)
- Documentation & compliance matrices
- Support with EASA / FAA exchanges

You are never alone facing certification.

WHY NOW

The CS23 and drone markets are accelerating. Early landing gear integration is key to securing your aircraft architecture and certification. Soben offers :

- engineering capacity
- proven technical platforms
- immediate project start



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Contact us

Let's secure your landing gear early.

- Quick technical assessment
- Initial sizing & architecture proposal
- Dedicated discussion on your program

soben.fr



- Since 2005 -
soben
LANDING GEARS

DRONE & LIGHT AIRCRAFT LANDING GEAR



Secure your CS23 program from design to certification

Landing gears designed to reduce risk,
accelerate certification and improve aircraft performance.

Crédits Photos : Soben, Martin Dighton - Création : Céline Valette



The Challenge

Certification is the real challenge in CS23 programs. The landing gear is a critical system impacting structure, safety and compliance of the airplane. Too often :

- › delays come from late integration
- › unexpected issues appear during qualification
- › development costs escalate

Our Solution

Soben delivers reliable landing gear solutions tailored to your aircraft, combined with full program support.

- › From specification to certified series
- › One partner, one responsibility
- › Designed to secure your certification path

What We Deliver

- › Oleopneumatic shock absorbers
- › Complete landing gear systems
- › Steering, anti-shimmy, retraction
- › Full integration within your aircraft



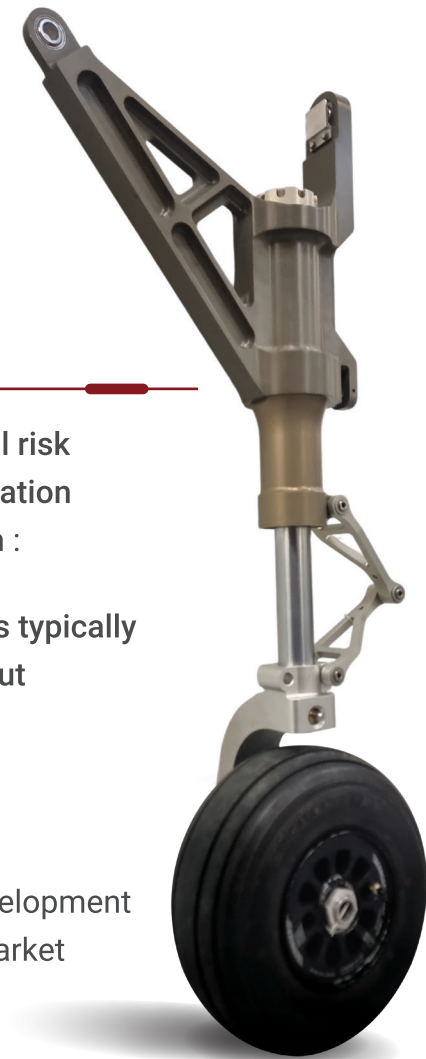
“ Shock absorbers or complete landing gear with **up to 30% more energy dissipation**

Key Differentiators

- › Proven architectures : reduced technical risk
- › Internal testing : no surprises in qualification
- › 100% of development handled by Soben : simplified program management
- › Short development cycles : 4-12 months typically
- › High flexibility : tailored solutions without starting from scratch

Customer Benefits

- › Less risk : controlled certification & development
- › Faster development : shorter time-to-market
- › Better performance : optimized energy absorption & weight
- › Lower lifecycle costs : durable & easily maintainable systems



WHY CHOOSE SOBEN

- 25+ programs in production or ramp-up
- CS23 / CS25 / CS27 / CS29 experience
- DO160 validated tests
- EN9100 certified production
- Part 145 certified



MODULAR OFFER

BASIC

Shock absorbers ready to be integrated

ADVANCED

Custom landing gears

FULL

Complete system with retraction & instrumentation

Scalable approach depending on your program's maturity.