

# Quality Gauges & Modules for Simulation



FLIGHT  
ILLUSION



**FLIGHT  
ILLUSION**



## **A GROWING & PROFITABLE COMPANY**

- Fastest growing player in the market of simulated gauges for flight, train or maritime simulation
- Vision and leadership bringing user oriented solutions to address customer challenges

## **OUR STRENGTHS**

- An established track record
- A full range of flight training simulators for training
- Customizing possibilities
- Know-how to ensure growth and future developments
- Strong commitment to excell in quality and service



Flight Illusion is a young and dynamic company based in the Benelux, offering complete simulation solutions. Having a thorough knowledge of electronic-mechanical- and software design, we deliver reliable customized solutions.



Flight Illusion was founded in 2005 and initially concentrated mainly on the development and production of simulator gauges. In less than 10 years time, Flight Illusion grew to become one of the most important players in the simulation market, with customers in more than 50 countries.




With Flight Illusion, we now broaden our perspective. Besides the gauges, we currently offer complete simulation solutions, using our know how and development skills. This results in a wide range of simulation devices, from off-the-shelf instruments, generic or customized, to complete integrated full panels; every solution reflects a thorough expertise in electronics, design and software.

# ANY TYPE OF GAUGE CAN BE REPLICATED




## GAUGES



**Gauges**

We develop both off-the-shelf or customized gauges to fit in any kind of simulation set-up.



**Panels**

We offer complete simulation panels for an ab-initio training solution as required by flight schools.



### **TRAIN GAUGES**

built to the exact specifications of the customer. The open source protocol allows easy interfacing with all kinds of simulation systems.



### **MARITIME GAUGES**

from military submarine gauges to compass gauges on sail simulators, Flight Illusion offers a wide range of solutions to populate panels in simulators.



### **FLIGHT GAUGES**

Flight Illusion has a huge range of flight instruments to be used as such or to be modified to replicate almost any gauge for flight simulation.



Built with the leading edge development and know-how, our gauges integrate perfectly in any project for the best simulation experience.

For the first time, you will be able to fly an approach with your instruments to the same level of accuracy and precision you would find with real gauges. Or when you have a train simulator, the student will experience exactly the same events as in real life.



**PANELS** Flight Illusion is developing panels for both fixed wing as rotary simulator platforms or other means of transportation.



Besides the standard panels in our offer, Flight Illusion can also build your simulator to your own specifications. Gauges can be customized to faithfully replicate the panel of your choice. This leads to a more proficient training, as the continuity between simulation and real flying is guaranteed.

We can offer any type of panel. We will adapt the faceplates in order to replicate the real instruments. The panel will be lasercut to the original panel gauge position.



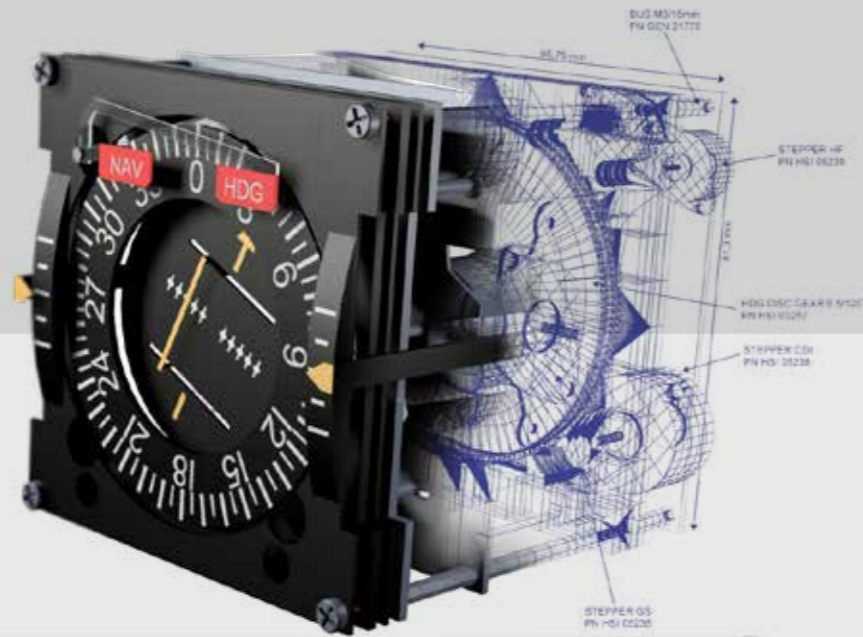
Our expertise and product range allows us to offer almost any type of panel based on analogue or digital gauges. The training environment becomes complete with force feedback yokes or one-to-one replicas of rudder pedals and collectives.





After analyzing the customers needs, we translate them into system specifications. Close communication throughout the different project phases ensures the client to receive the simulator panel or the simulator parts as desired.

Our gauges have a slim design and smooth needle movements and can be easily adapted to other manufacturers hardware and software in order to use them in their dedicated simulator hardware.



Flight Illusion is one of the leading electronic contract manufacturers in qualified training environments.

We have accumulated extensive knowledge and experience in the development, sourcing and production of gauges, modules and hardware for simulators. Therefore, we can advise our customers throughout their projects.

We have developed and manufactured customized products to be integrated in a whole range of simulation products. Our know-how has given our customers the confidence and reliability they require for the integration of our products in their projects.



*Some of the finest companies use our products in their simulation projects*

“QUALITY THROUGH DESIGN”



# “KNOW-HOW LEADS TO **ADVICE**”

- Off-the-shelf standard simulation panels for ab-initio training, both in analogue version and glass cockpit
- Made-to-order gauges or modules to be used in simulators
- For development purposes, we can supply fully functional modular cockpit setups for ergonomic studies, design verification, etc...
- Retrofitting instrument panels and controls for museum vehicles
- Populating cockpit panels and linking controls for small aircraft manufacturers in order to have “flyable” aircraft on shows

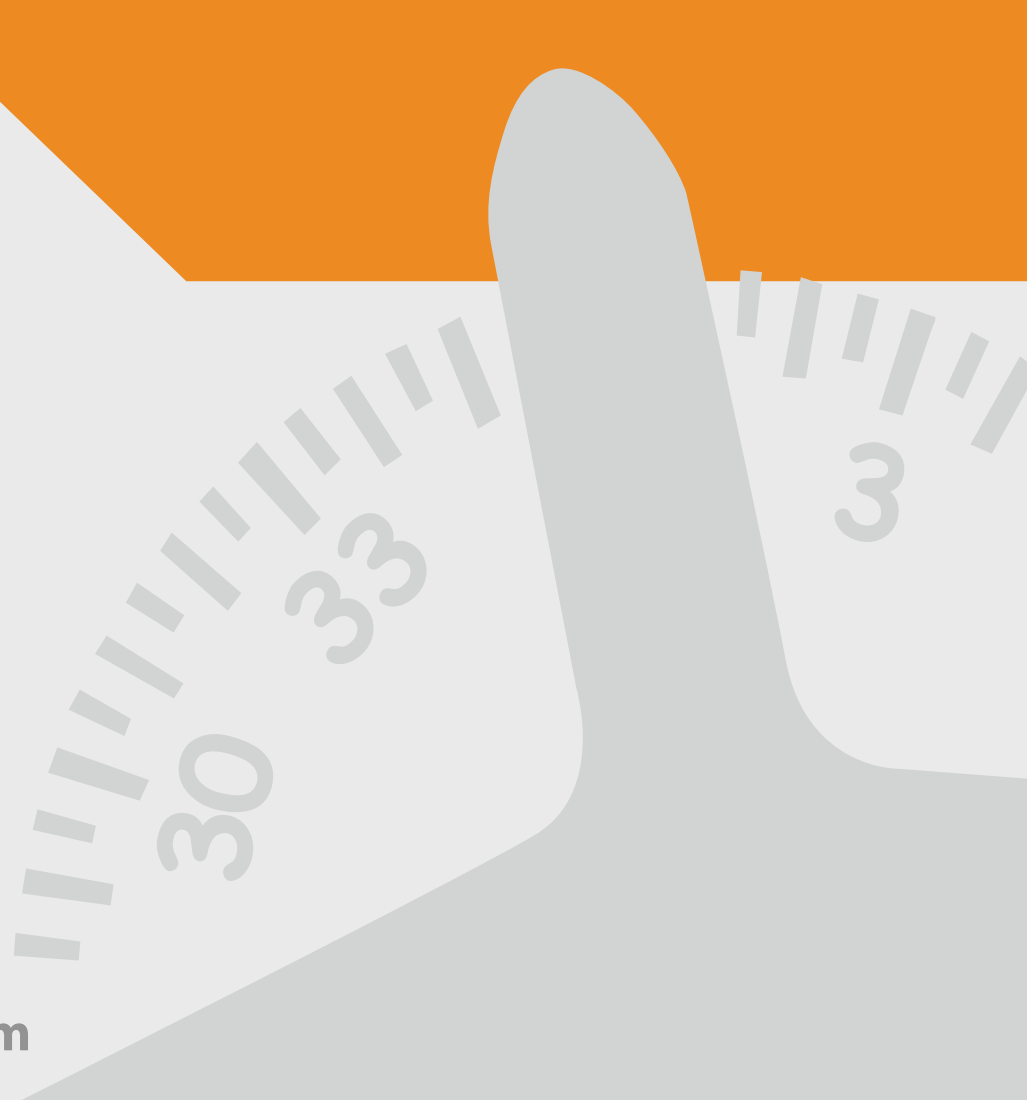


*tailor made gauges to fit exactly in customers simulator panel*



Laan van de Ram 29 b  
7324 BW Apeldoorn  
The Netherlands  
+31 55 20 00 129

[info@flightillusion.com](mailto:info@flightillusion.com)



[www.flightillusion.com](http://www.flightillusion.com)