

You wish :

To increase your test productivity by :

- Using your own sensors
- Reduce set-up time and reduce costs
- Increasing the number of measuring points

To improve quality by :

- Locating accurately the measuring points on the aircraft
- Replacing easily any defective sensors between test flights
- Modifying the measuring point configuration during your flight campaign
- Taking measurements in severe conditions

CaptiFlex™ : an easy and fast solution to install your surface sensors.

CAPTIFLEX™

A genuine second skin made to your measurements, Captiflex allows you to improve the accuracy of your surface measurements whilst at the same time reducing the immobilisation time of your prototype to only a few hours, thereby reducing costs.

Your sensors can easily be incorporated into Captiflex and connected to your data capture systems, making for a rapid surface-testing methodology for aircraft-testing.

> A made to measure device

You define the number, the type and the location on your aircraft of your sensors - we will design the optimal CaptiFlex™ network to meet your requirements.

With a thickness of only 2mm, in order to be within the boundary layer, CaptiFlex™ is flexible, smooth and profiled and molds precisely into your aircraft's surface to **reproduce precisely its characteristics** (rivets...).

Only 10 minutes to install

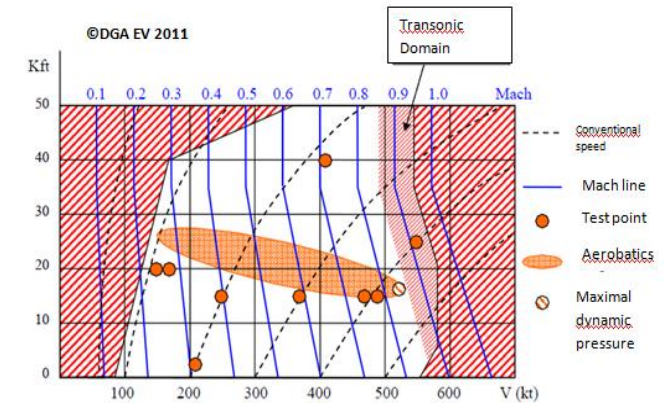
> Easy Installation

Without specialist training, your staff can install a network of sensors using CaptiFlex™. Only about **10 minutes are needed to install, connect and ensure waterproofing for each sensor**

As CaptiFlex™ is a plug and play device; your aircraft can **take off as soon as the installation has been completed**. Thanks to spare kits, you can replace any defective sensors during your test flight campaign.

Removal takes only about **5 minutes per sensor** with no need to touch up paintwork.

In order to help your staff install the CaptiFlex™ network, our technician will be available to assist with any problems which may arise.



Explored flight domain with CaptiFlex™ on vertical tail of an alpha-jet

> Tested in real environments

The CaptiFlex™ embedded electric circuit and its EMI have been laboratory-tested under the **NF EN 17025** standard.

Tested in flight by DGA EV in severe conditions (high dynamic pressure, transonic, aerobatics), CaptiFlex™ has proven its ability to cope with **real flight conditions without adversely affecting the aircraft flight characteristics**.

and connect a sensor

> Increasing productivity

Without increasing budget, you can **increase the measuring point density and the number of flights**. CaptiFlex™ will soon become an essential part of your test campaigns.

CONTACT

CAPTIFLEX™ SYSTEM

CaptiFlex™ :

→ Has been laboratory-tested under NF EN 28510-1 and NF EN 17025 and AECMA 2243-1 standards then tested in flight by [DGA EV](#).

→ Was designed under the aeronautical rules.

→ Is *patented*.

→ Is *made in France*.

→ Was supported by [Oséo Innovation](#) (the French office for innovation).



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- > Install**
- > Fly**
- > Measure**
- > Remove**



An extra thin solution to install your sensors rapidly & easily

La Mesure Sur Mesure
You can count on us !

