La Mesure Sur Mesure

CaptiFlex™

A genuine second skin made to your measurements, CaptiFlex™ improves the accuracy of your surface measurements whilst at the same time reducing prototype downtime to just a few hours, thereby cutting costs.

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

You want :

To increase your test productivity by :

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

To improve quality by :

- *Accurately locating the measuring points on the aircraft*
- *Easily replacing any defective sensors between test flights*
- *Modifying the measuring point configuration during your flight campaign*
- *Taking measurements in severe conditions*

CaptiFlex™: a quick and easy way to install your surface sensors.

> A made to measure device

You define the number, the type and the location of your sensors on your aircraft, while we design the optimal CaptiFlex™ network to match.

With a thickness of only 2mm, so that it stays within the boundary layer, CaptiFlex™ is flexible, smooth and profiled and molds precisely into your aircraft's surface **accurately reproducing its characterisics (rivets…).**

Only ten minutes to install

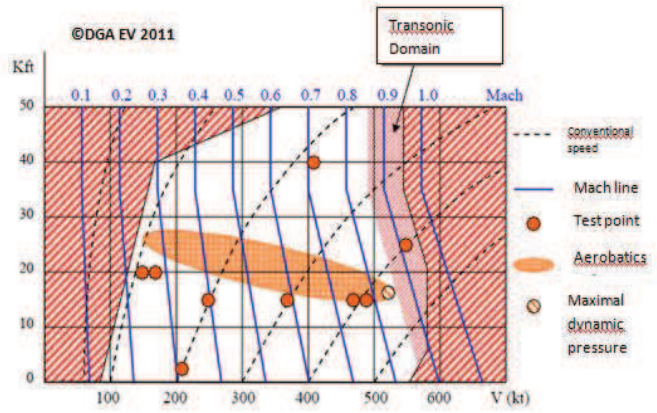
> Easy Installation

Without specialist training, your staff can install a network of sensors using CaptiFlex™. Some ***ten minutes are all you need 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 is completed***. Using spare kits, you can replace any defective sensors during your test flight campaign.

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

To help your staff install the CaptiFlex™ network, our technicians are available to assist should any problems 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 performance have been lab-tested to ***NF EN 17025*** standard.

Tested in flight by DGA EV under severe conditions (high dynamic pressure, transonic speeds, 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.

You can count on us !

CONTACT

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CaptiFlex™ :

- Has been lab-tested to NF EN 28510-1 and NF EN 17025 and AECMA 2243-1 standards before flight testing by ***DGA EV***.
- Was designed to the aeronautical standards.
- Is ***patented***.
- Is ***made in France***.

CaptiFlex™ SYSTEM

> Install

> Fly

> Measure

> Remove

An extra thin solution for installing your sensors quicly & easily

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