

# JICEY

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# #18



**THE  
AÉRONAUTICS  
CHALLENGE**  
To the next  
level



## JICEY

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## A PRIVILEGED PARTNER FOR THE AERONAUTICS INDUSTRY

By definition, a partner is someone who is confidently associated with a joint venture in a company or project. For more than seventy years, Jicey has understood it very well. Aeronautical contractors do not just need suppliers but also real partners with whom to discuss, find solutions and move forward in a collaborative approach for the mutual benefit of the entire aeronautics industry.

In 2007, Jicey moved to Houdan, Yvelines, and built a tailored made site to meet the challenges of performance and competitiveness of its customers. Expanding, modernizing, developing, investing in new production tools and thus streamlining the manufacturing chain reflected the overall strategy that Jean-Jacques Caillas wanted to give Jicey. To paraphrase a famous slogan: "innovation is our culture, quality our priority". For more than 10 years, Jicey has been able to respond to the new challenges of the aeronautics industry,

with an increase in speed,  
respect for

fore present in all industrial adventures, new programs and successes in Europe and in the world. "

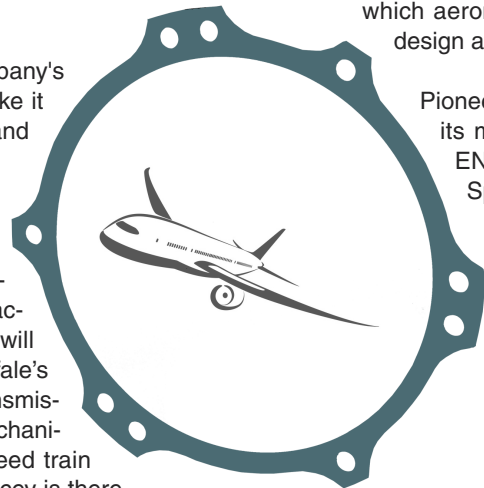
In every aircraft, every helicopter, hundreds of our pieces are found everywhere. When a passenger is traveling on an aircraft, he is not always aware of the complex set of structural elements (assembly of the wings to the fuselage, engine attachments, floor support, etc.) and mobile elements (flight controls, landing gear, etc.) subjected to considerable effort and constraints. However, in all these mechanical assemblies, the Jicey adjustment shim makes it possible to compensate for the space that inevitably results with the stacking of tolerances in a chain of dimensions. And if the addition of the tolerances remains reduced, it is never equal to zero, even if the number of components is limited. As a result, spaces between components are often smaller than 1/10th, and are filled by a wide range of machined shims (peelable, extra fine, solid, bicomponent) in many metallic and composite materials. We have always been able to bring to our shims the quality, precision, technology and innovation that make our products an indispensable part on which aeronautical design departments can rely on to design and produce the aircrafts of tomorrow.



deadlines and the preponderance of the quality. Our aeronautical customers make no mistake since they have been faithful to us since the beginning of the Jicey adventure.

The weight of the aerospace market in the company's turnover will exceed 50% in 2017, which will make it our first market ahead of the industry in general and the railway market, other key segments of Jicey.

The challenge of excellence wished by the aeronautics industry thus benefits all our customers. "What is exciting in our business," explains Jean-Jacques Caillas, president of Jicey "is to manufacture the custom-made adjustment shim which will finally end up on the equipment support of a Rafale's reactor, on the landing gear of a A380, on the transmission shafts of public works vehicles or on the mechanical components of the bogies of the French speed train TGV. Whether on land, in the air or on the sea, Jicey is there-



Pioneer in its field, Jicey was the first company in its market to be double certified ISO9001 then EN9100. Jicey is a member of Gifas and the Space Association.

## JICEY RECEIVES A TROPHY FOR ITS PARTICIPATION IN THE "INDUSTRIAL PERFORMANCE" SPACE PROGRAM

On November 28th, the Industrial Performances Forum was held at the Safran campus in Massy-Palaiseau. Many SMEs met to review the actions taken to achieve the overall improvement in the maturity and competitiveness of the entire aviation industry.

On this occasion, Jicey, who participated in this ambitious program, was awarded a trophy validating its approach, investments and results within the common objective of a global improvement of industrial excellence. Trophy which, in general, also rewards Jicey's mission, to be a true industrial partner for all its customers, and to constantly seek the quality of its products



and the modernization of its production.

As we know, the aeronautics sector is a market that is doing well and is in very strong development. This shows a continuous growth of air traffic of around 5% on average per year and a backlog of five years of production. On the other hand, Airbus' production speeds were doubled in ten years. The aviation supply chain has a turnover of 58 billion euros and is then the first positive contributor to the external balance in France. It is also 185,000 highly skilled direct jobs and massive investments throughout the country.

The supply chain of excellence is therefore fragile because it is based on 1,000 SMEs

and on a high level of demand of the contractors. Jicey's mission is to be an efficient and trustworthy partner for the aerospace industry and therefore for the entire industry in general.



SPACE

## RETRO JICEY : THE JRD YEARS

JICEY RACING DEVELOPMENT

Jean Caillas was a man of many challenges, he immediately began to imagine and make a prototype in the biggest secrecy, working at night in the Jicey factory, when everyone had finished his day. Motor top preparation specialists had previously limited themselves to balancing the existing parts and modifying the air supply intake of the engine. Jean Caillas remodeled it from top to bottom during 4 months during the winter of 1970/1971.

The secret being exposed by Marcel Morel, who had surprised Jean Caillas trying his prototype on Sunday afternoon, Claude Henault, one of the heads of the Renault research center, tested it on a test bench and obtained 115 horses. He was astonished. In the small world of motorsport, the news quickly spread and many sport teams announced that they were very interested in buying this engine.

Jean Caillas, who had done this study only as a leisure activity without considering any commercial suite, understood that a market was

there and created JRD, Jicey Racing Development, a subsidiary of Jicey which moved to Thiverval near a karting race track.

The dealer for Tecno in France, ordered the installation of a JRD engine for Christian Ethuin in a chassis and made a superb demonstration during the first race in Montlhéry. The next day, Jean Caillas was summoned to the offices of the Tour de la Défense by Francois Guitter, motor sport's head officer at ELF, who told him incisively: "I saw your engine yesterday in Montlhéry, you were in front of everyone. We have been working at Alpine for a year and it is not today that we will be overtaken by someone we did not expect. Immediately sell us 5 engines to equip our cars. Your price will be ours. Otherwise, I will ensure that no Renault dealers will deliver the parts you will need! "



Pierre Fouquet Hatevillain  
To be continued in the next issue

The figure  
**97,5 %**

This is Jicey's excellent performance for 2016. This is the average of the three main indicators (OTD, depth of delays and quality performance) measured by our scorecard. We thus reach the rank Gold as in 2015.



We will be pleased to meet you on our booth D91 in Hall 2B for this new edition of the Aeronautics and Space Fair to be held at Le Bourget from June 19 to 25, 2017.