

WHEN ACCURACY
BECOMES
PRECISION



KPA
Kucukpazarli Aerospace

www.kpa.com.tr

TAI Strategic Partner

#AviationLove



EARLY STEPS TO FLY

KP Aerospace (KPA) was established in 2005 as the third division of the parent company KPA Mould & Die, founded in 1975 KPA is established to manufacture airborne systems detail part and sub assemblies.

Since it's first day KPA has been investing on business permanently and the largest input is "experience" which is nonsalable. KPA is dedicated to the aerospace industry to meet its customer's demands in Aluminum, Titanium and Stainless Steel parts.

Pressing Division

The pressing division has a production place of 1,500m2 and is furnished by all kinds of sheet-metal processing equipment. The factory is suitable for series production and is basically working for the construction industry

Mould and Die

The mould and die division has a production place of 500m2, where all kinds of tools can be produced. Furthermore, it is an expert on producing special need or unique parts.

ROBUST and RELIABLE PARTNER for SOLUTION

KPA is the “Strategic Partner” and the biggest supplier to TAL, Turkey’s largest and comprehensive, airborne systems designer and manufacturer.

KPA is increasing its volume over 20% in its 25.000m² well equipped with factory on 45.000m² field

KPA creates strategies according to the industry’s need and realizes it. KPA has great reputation in high quality complex parts delivering on time.





THE HISTORY BAND

1975

The company was founded by two brothers to manufacture mould and dies

1997

Mould and Die division started to produce some serial parts for the defence industry

2000

Certified its Quality with ISO 9001:2000

2001

KPA was qualified to be an Approved Supplier of TAI (Turkish Aerospace Industries), after audits

2005

To fulfill its aerospace vision, KPA moved to its new factory, aerospace purpose only

2006

KPA and TAI agreed on a strategic partnership

2009

KPA was certified with AS9100 by the registrar Bureau Veritas

2012

Approved for AIRBUS processes
KPA opened assembly facility

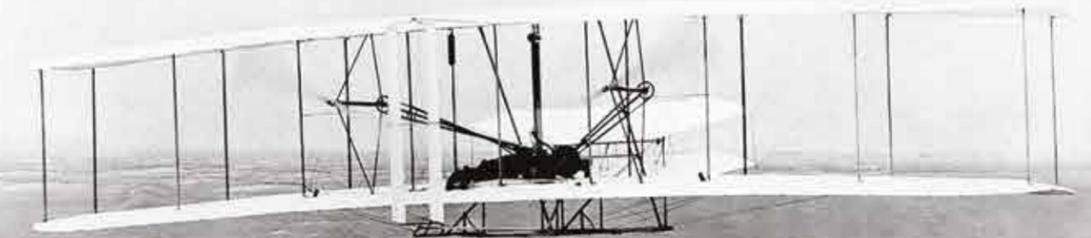
2015

KPA have enlarged the facilities for work potential considerably.

2017

KPA invest new machinery park is approx. 15M EUR

YOU NEVER KNOW
HOW MANY THINGS
YOU COULD ACHIEVE,
UNTIL YOU KEEP
TRYING STUBBORNLY.





WHEN ACCURACY COUNTS

The customer has great expectations on machined high quality and delivery reliability. Accordingly; planning is vital. With effective planning, KPA is able to deliver high quality with competitive prices on time.

For 15 unique aerospace programs, KPA produces is about 1700 different parts. It delivers with a total amount more than 750.000 detail parts and subassemblies smoothly, in a year



MODEL BASED ON ENGINEERING

Our speciality is to machine the five-side of a part in one fixture. Machining of precision parts within aerospace involves milling every radius of a complex, weight reducing and often thin-walled workpiece geometry. Specific experience has been gained in particular in special cutting technologies, turning out the delivering parts in aviation quality

ADAPTED QUALITY



Dimensional accuracy or conformance to requirements is under the control of a well trained quality team.

The main goal is to maintain the accuracy before it is lost. Therefore floor inspection is crucial and the control frequency is made up according to the calculated tendencies.

FOCUS ATTENTION
ON OUR
PROGRAMS

 **BOEING**

 **COUGAR SIKORSKY**
A LOCKHEED MARTIN COMPANY

 **AIRBUS**

 **AgustaWestland**
A Finmeccanica Company

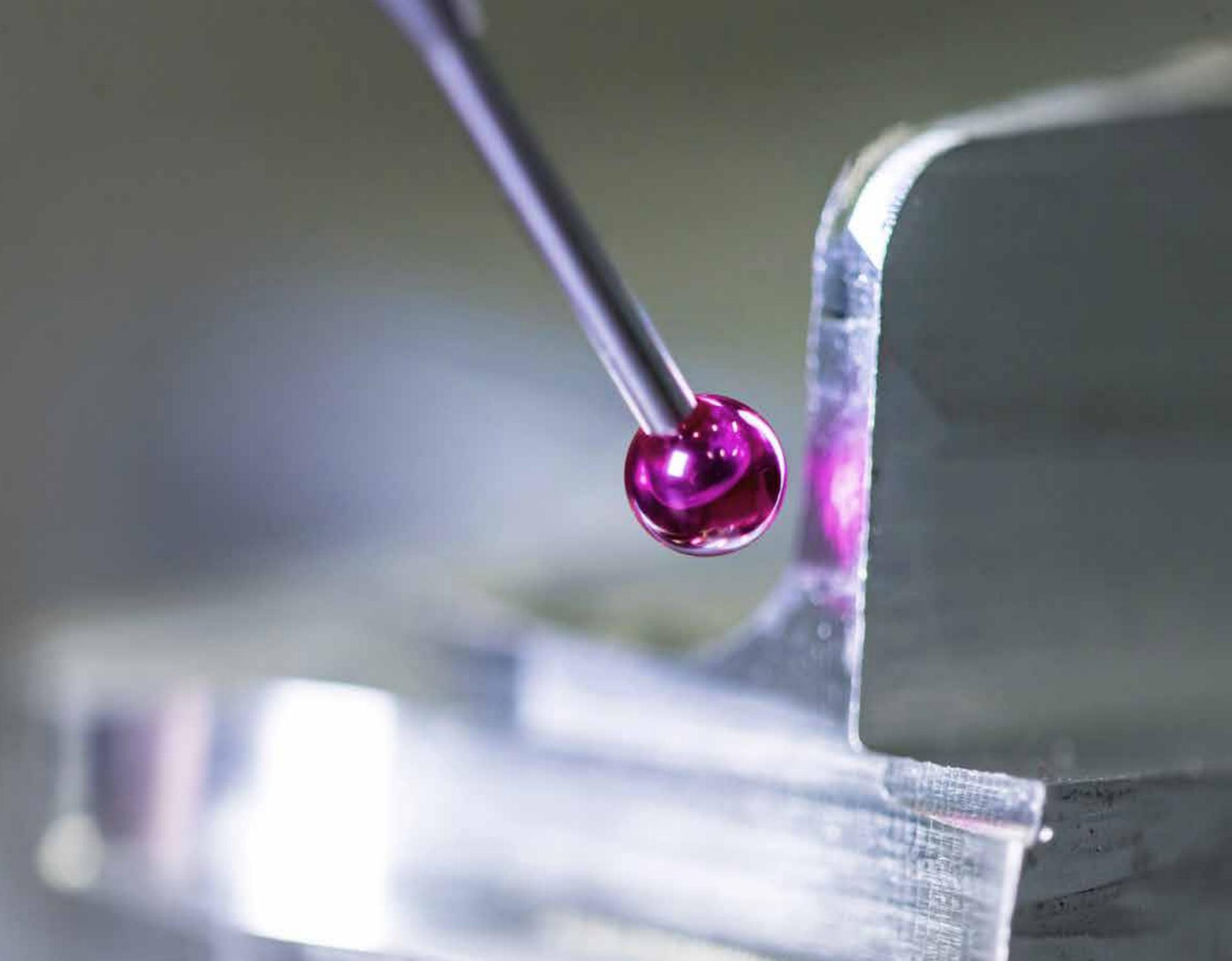
ATAK

LOCKHEED MARTIN
F-35
JOINT STRIKE FIGHTER

BOMBARDIER
AEROSPACE 

TIHA

HÜRKUŞ





FLAWLESS PLANNING

Seamless Customer Requirements Translation

KPA ensures customer requirements' integration throughout the life cycle of each order by efficient planning.

Every planning operation is carefully monitored and executed over ERP System.



THE DREAM OF A CHILD, THE SUCCESS OF AN ENGINEER

The day from the Turkish scholar Ahmet Çelebi who made an attempt to fly in the 17th century with daily passion, faith, science, We are happy to contribute to the development of the aviation industry that blends with technology.

WE MAKE I.T. HAPPEN, WHEN I.T. MATTERS

KPA aims High Availability, Performance and Reliability in Information Technology Management.

Our Information Technology is continuously improved to support Information Systems



RELIABLE ERP TECHNOLOGY FOR FULL INTEGRATION

KPA has been running IFS ERP System since 2011 to manage all company processes with great knowledge base.

KPA follows the industrial trends and adapts new technologies to have a robust system.



ULTIMATE DRIVE TO ACCURACY

One of the goals of KPA was being a flourishing airframer and on the way of its goals, KPA continuously invested in high technology.

Today KPA is producing hundreds of fuselage frames for different programs including A400M PAC. Frame manufacturing means, keeping accuracy on large size materials having high tendency to deflect.

KPA has the capability to manufacture the largest complex-shaped parts in size in Turkey

KPA has the major technology advances machinery park which possesses of 1 meter to 15 meters in within 5 - axis recent decades.

EARLY STEPS TO FLY



THE DESIRE TO FLY

The goal is to be one of the leading aerospace companies in Turkey and participating in major international projects as panel assembler, subsystem supplier and detail part manufacturer.

On the way of the goal, Satisfying the customer requirements exactly, with well-educated and eager employees and by utilizing new technologies efficiently.





IMPECCABLE ASSEMBLY

KPA continued its growth in 2012 and established the assembly department in its own. In 2012, the assembly department started to work with 3 people and 300 pieces of parts per month and it became a department that installed 7000 pieces per month in 1 year. Along with the systematic investments made, at the beginning of 2015, 15,000 pieces of goods have been shipped.

With a staff of 48 in 2017, the BOEING project has reached an annual capacity of 185,000 and its growth continues rapidly.



A GIANT LEAD FORWARD TO SPECIAL PROCESS

KPA' s Inert Gas Tempering Furnace is considered as one of the unique furnaces among equivalent furnaces in Turkey with its own qualified properties. It is assigned as Class 2, Type C according to AMS2750E and BAC 5621 with temperature homogeneity of $\pm 3^{\circ}\text{C}$.

Our Heat Treatment facility is certified by BOEING and planned to be accredited by NADCAP in September 2015. Every single year our painstaking furnace, will be certified with annual NADCAP accreditation.



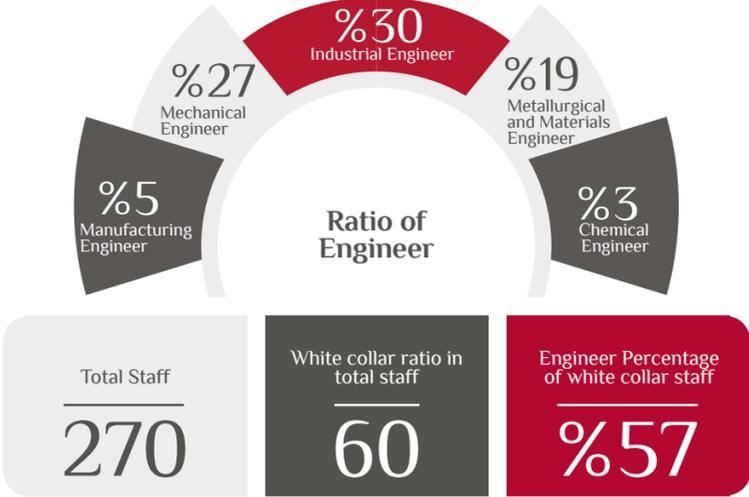
PRESERVE YOUR WORLD
PRESERVE YOURSELF



WHICH BACKGROUND DO WE HAVE ?

With the given importance on training and technology, KPA is increasing its volume by 25% annually.

The success is possible with its 270 well qualified young and growing number of employees.



INTERNATIONAL OUR FOOT PRINT

AS9100, the indispensable aeronautical document in the international arena, has always been our preferred company for our customers.

KPA, which has always been aware of the importance of quality, has been awarded the gold supplier award by TAI every year since 2003.

Having a supplier document certified by PAG, ZODIAC and DAHER, KPA continues to be firmly on its way to becoming a company focused on customer satisfaction at international level by adding strength.



Turkish next generation!
As you do always, soon you will succeed also
in aviation and get to the high level awaiting
you. Real friends will celebrate the happiness
of the Turkish nation.

H. Ortatürk



BACKBONE TO THE FORCE...

- Conscious and qualified employee profile
- Education awareness and provide the opportunity
- Experience in big size parts
- Cost effective policies
- Eager to invest in its future



OUR ETHICAL VALUES

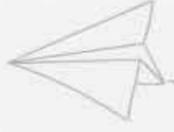
ALL

- KPA is fair, impartial, and loyal to all its business partners' legislation.
- Open to technology and development,
- Being true to the promise, transparent and reliable,
- Preserving all corporate and Personal Confidential Information,
- Serving customer needs to the best,
- Avoiding Conflicts of Interest,
- Conforming to corporate law, and to both national and international law,
- Comply with occupational health and safety regulations and to take all necessary measures

I KNOW WHERE
MY PARENTS WORK.

Thanks KPA Family





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