

# **“English language in specialty of Aircraft builder”**

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## ACTUALITY

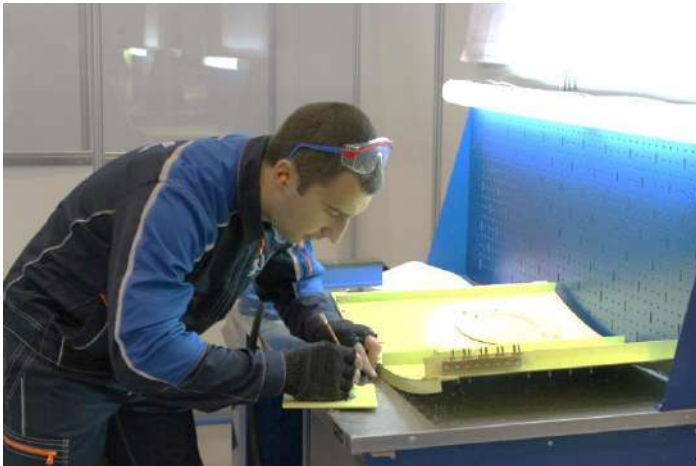
Knowledge of English language is a compulsory component of modern aircraft specialist's professional training.

The quality of aircrafts and the safety of flights are largely connected with the professionalism of employees who are involved in the creation, use, maintenance and disposal processes.



## ACTUALITY

The aviation industry plays a special role in the economy of the Russian Federation: with more than 240 enterprises, whose total revenue in 2011 amounted to more than 608 billion rubles, currently providing more than 400,000 highly skilled jobs, it makes a significant contribution to the country's Gross Domestic Product (GDP) (more than 1.1 %).



## ACTUALITY

**The aim of our research work** is to find out whether it is important to learn English for future aircraft technicians



# Research tasks:

1. To study theoretical materials related to the research topic;
2. To clarify the main aspects of the application of English by a specialist in aviation equipment;
3. Conduct a survey of the first, second and fourth year students in order to find out the level of understanding the possibility of using English in future professional activities;
4. Present the results of the study in the form of diagrams and tables, in order to visualize the collected information.



## ACTUALITY

**The object is** professional English.

**The subject is** English language spheres of application according to the specialty “Production of aircraft”.

**Hypothesis** - learning of English language by students of the specialty "Production of aircraft" is a necessary component of their future professional activities.

# Stages of work:

1. To collect some information about using English as a professional language in the field of aircraft construction;
2. To study the literature about the Regulations of technical service in aircraft production;
3. To gather some information about the requirements set by experts of WorldSkills championships to participants in the competence "Production assembly of aviation equipment" and "Aviation equipment maintenance"



# 3 main aspects:





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## English

All documents on instrument making, aviation engineering are stated in English. AutoCAD, Unigraphics (and other programs) require knowledge of English

The high level of English will allow the participants who have won prizes to achieve an expert level and transfer their experience and knowledge.

**Knowledge of English will allow a skilled specialist to grow professionally**

# AIRCRAFT SKILLS COMPETITIONS IN RUSSIA

## THE SUPPORT OF INDUSTRY

For the first time, skills competitions "Production assembly of aviation equipment products" were held in 2015 at the Corporate Championship of PJSC "UAC" for professional skills in accordance with WorldSkills standards.

Competence is supported by aircraft manufacturers at championships of all levels.



# WORLD SKILLS REGIONAL CHAMPIONSHIP

Since March 2016, Komsomolsk-on-Amur Governor's Aircraft Building College is the platform for the World Skills regional championships. Our specialty "Production of aircraft" involves the participation of college students in two competencies: "Production assembly of aviation equipment" and "Aviation equipment maintenance".



# ENGLISH IS IMPORTANT!

Every year the Olympiads of professional skills are held (in Voronezh).

The Participation in competitions involves an assessment in three areas:

- 1) Technical English (10 points),
- 2) Modeling (10 points),
- 3) Basic disciplines - 10 points).



# 3 main aspects:



## English

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# ENGLISH IS IMPORTANT FOR ME

It's me. Last year I had practice at the Central campus of our college.

I want to become a skilled aircraft specialist, so knowledge of English language is a compulsory element of my future career.

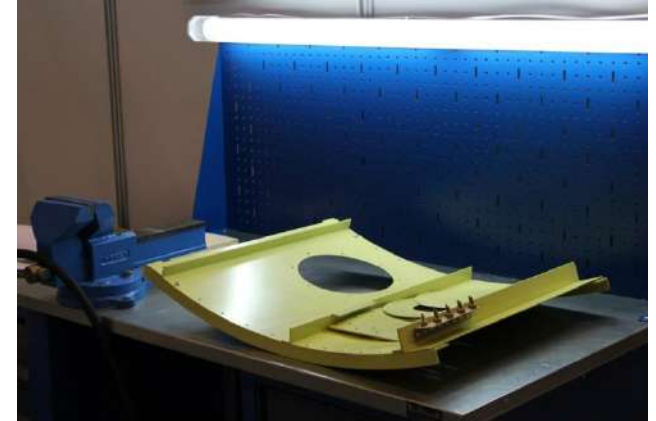
**Knowledge of English will allow a skilled specialist to grow professionally.**



# Results and conclusions of our research work

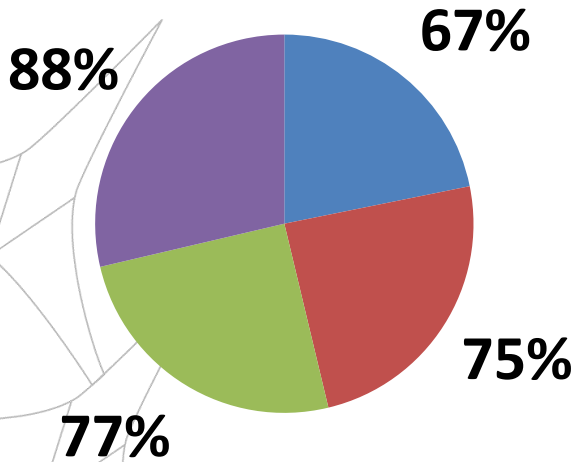
82 students of the specialty "Production of aircraft" were interviewed

5 questions of the questionnaire were answered



# THE RESULTS

**Question 1.** Is knowledge of English important for your future professional activities?



- 1st year students
- 2nd year students
- 3rd year students
- 4th year students

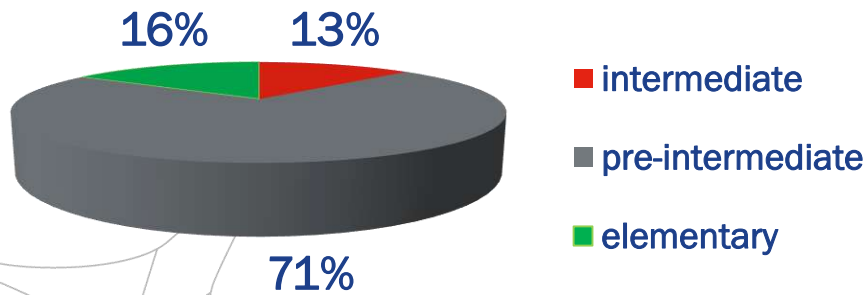




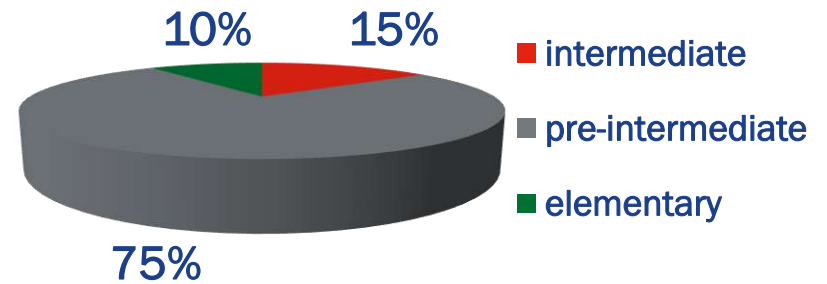
# THE RESULTS

## Question 2. Assess your level of English language proficiency

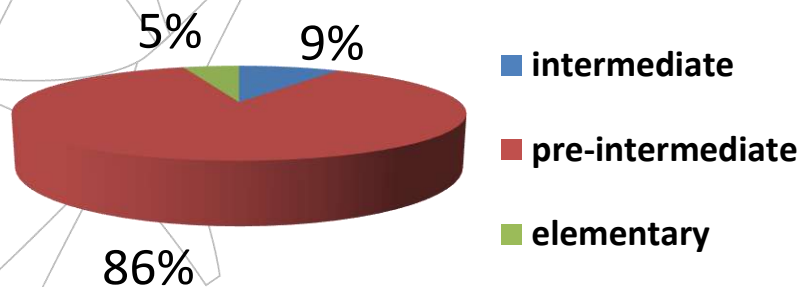
### 1<sup>st</sup> year students



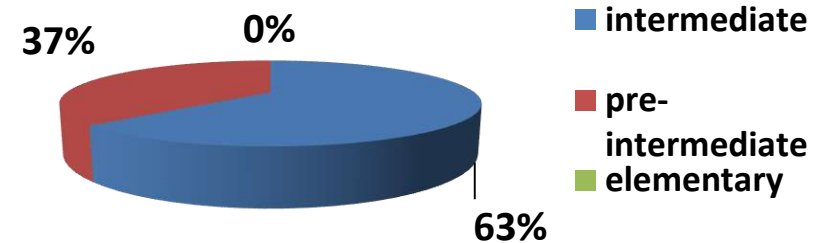
### 2<sup>nd</sup> year students



### 3<sup>rd</sup> year students

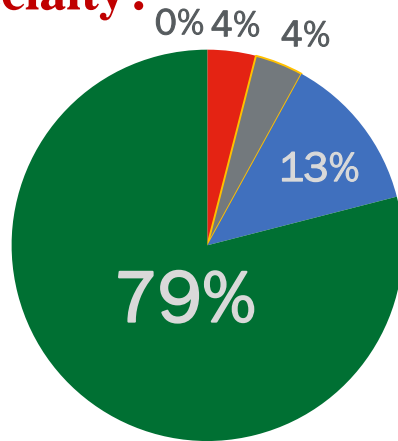


### 4<sup>th</sup> year students



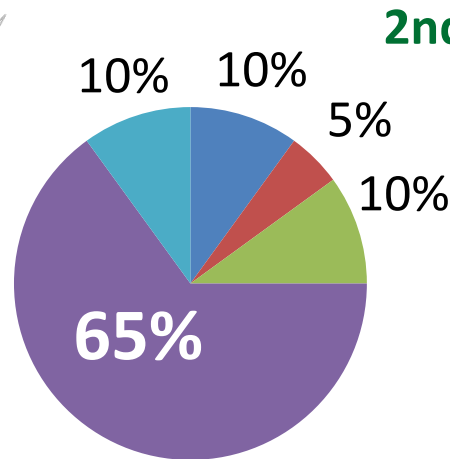
# THE RESULTS

## Question 3. What do you see the importance of learning English in your specialty?



### 1<sup>st</sup> year students

- to realize oneself in the profession
- to communicate with colleagues, share experiences
- to communicate abroad
- listen to music, play computer games
- It is an indicator of the level of education it's fashionable



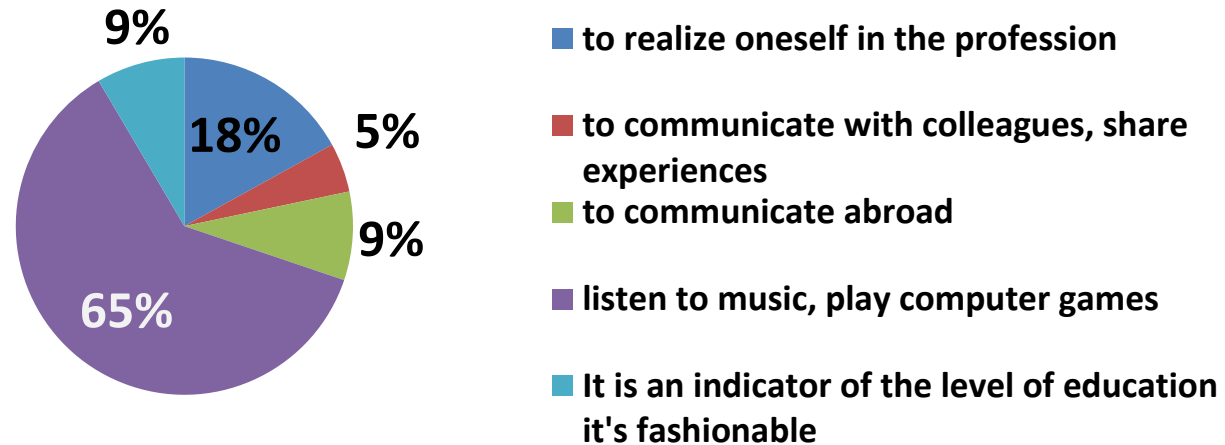
### 2<sup>nd</sup> year students

- to realize oneself in the profession
- to communicate with colleagues, share experiences
- to communicate abroad
- listen to music, play computer games
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## THE RESULTS

### Question 3. How do you solve the importance of learning English in your specialty?

#### 3<sup>rd</sup> year students

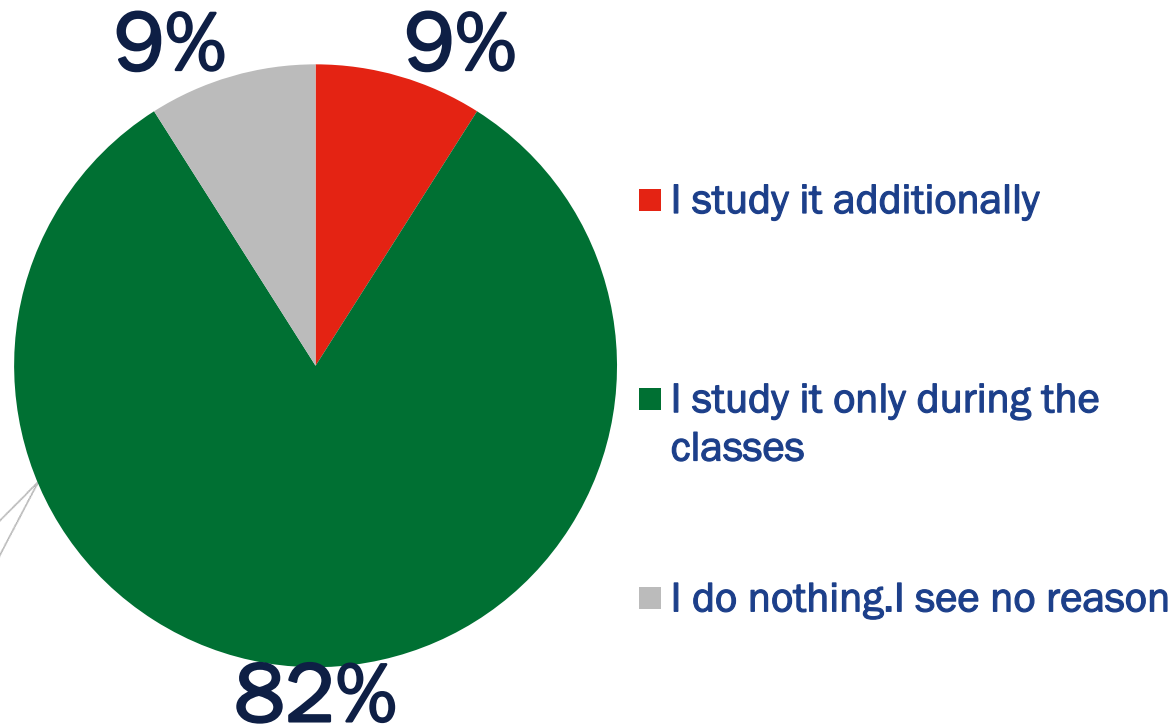


#### 4<sup>th</sup> year students



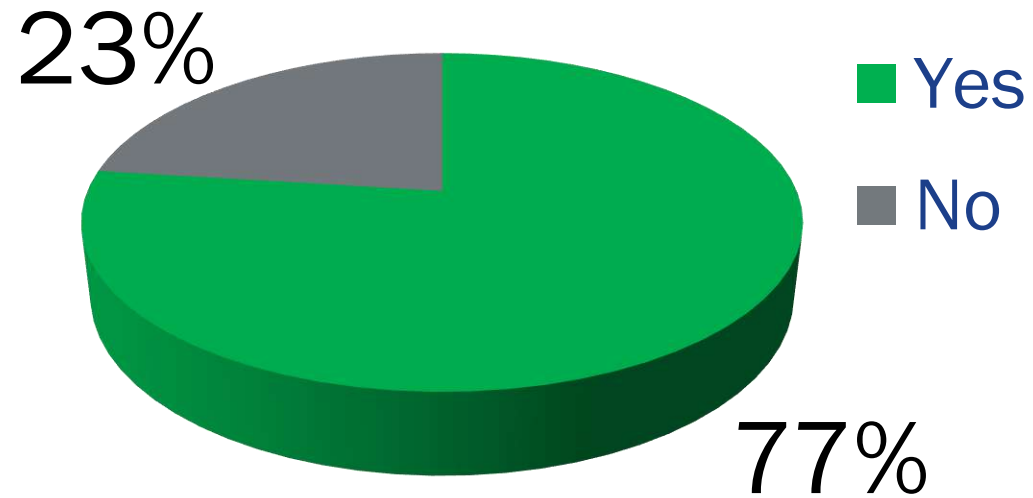
## THE RESULTS

### Question 4. What do you do to improve your language skills?



## THE RESULTS

### Question 5. Would you like to improve your language skills?



# Conclusion

- **77% of respondents believe that learning English is useful for their future professional activities**
- **73.8% of students assess their level of language proficiency as pre-intermediate**
- **60% of respondents see the possibility of realizing their interests in learning English**
- **82% of all respondents learn English only during the classes**

# Conclusion

**Our hypothesis** that learning of English language by students of the specialty "Production of aircraft" is a necessary component of their future professional activity, **has just been proved.**

**Thank you  
for attention!**