

**Maturitní témata z anglického jazyka
pro třetí část ústní zkoušky
šk. rok 2019/ 2020**

Třída: 4. LM

Obor: 23-45-L/02 Letecký mechanik

ŠVP – Letecký mechanik

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1. Air Travel

- Positives and negatives of air travelling
- Comparison of different means of transport

2. At the airport – people

- Job titles – positions held by employees at the airport
- Responsibilities and psychical qualities of employees working at the airport

3. Václav Havel Airport – history

- Brief history of Václav Havel Airport
- Brief history of flying in general

4. Aircraft World

- Basic aircraft types
- Basic airplanes types

5. Aircraft mechanic

- Job description of an aircraft mechanic

6. Introduction to Basic Aircraft Components

- Airframe structure
- Basic working materials in aviation
- Basic fasteners

7. Aircraft systems

- The main parts of an aeroplane

8. Aircraft systems – Basic Terminology, Abbreviations

- Hydraulic systems
- Powerplants



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9. Basic Metal-Working and Machining

- Filing, cutting
- Threading
- Machining (milling, cutting, lathe turning)
- Basic tools of an aircraft mechanic

10. Aircraft Maintenance and Operation

- Maintenance procedures
- Maintenance manual

11. Fundamentals of Aircraft Engine Construction

- Division of aircraft engines, function
- Basic components of the engine inlet, compressors, combustion chamber

12. Special Aviation Terminology

- Metrological terms (units, dimensions, colours)
- Physical quantities used in aviation
- Abbreviations in aviation

13. Engine overhaul