

English for Avionics – course summary

1. What flight control surfaces are there on a typical airliner and what are their functions?
2. Describe the principle of operation of the four stroke piston engine.
3. Describe the principle of operation of the gas turbine jet engine.
4. Compare the advantages and disadvantages of the turboprop engine and the turbofan engine for different applications.
5. What is the PFD and what are its advantages?
6. How do the Electrical Flight Controls work and what are the advantages of the system?
7. What is TCAS and how does it work?
8. What is fly-by wire and how does it work? What are the advantages and potential disadvantages?
9. How does the ILS work?
10. How does the Flight Management System work?