

Ottawa Flying Club

PPL Air law Assignment:

Reference Material: - From The Ground Up (FGU)- The Aeronautical Information Manual (AIM)- The Canada Flight Supplement (CFS) - Supplemental references can be used at your discretion

- ⊖ Design a legal airport having all the required items & equipment
- ⊖ It must include the following features
- ⊖ 2 runways (1 instrument & 1 non-instrument)
- ⊖ 4 taxiways
- ⊖ 1 apron
- ⊖ create a full list of your design requirements to construct this airport

PPL Air Space Structure and Air Traffic Procedures Homework

Reference Material: - From The Ground Up (FGU)- The Aeronautical Information Manual (AIM)- The Canada Flight Supplement (CFS) - Supplemental references can be used at your discretion

Questions:

- 1) Discuss the difference between
 - a) Standard Pressure Region and Altimeter Setting Region
 - b) Southern Domestic Airspace and Northern Domestic Airspace
- 2) Discuss considerations for flight into Sparsely Settled Area.
- 3) List the weather minima for VFR flight in controlled airspace and in uncontrolled airspace.
- 4) At some high density airports Terminal Control Areas have been established. Discuss the reasons for the TCA including VFR operations into/through the TCA and the different control units involved. Refer to the Ottawa VFR Terminal Procedures Chart in the CFS in answering this question.
- 5) Describe the differences between the Ottawa Control Zone, the Gatineau Control Zone, and the Carp Airport. Consider weather minima, equipment requirements, and air traffic control procedures.
- 6) The appropriate altitude of flight for an aircraft in level cruise is determined by:
 - a) (magnetic/true) track, in the southern domestic airspace.
 - b) (magnetic/true) track, in the northern domestic airspace.
- 7) Above which altitude (above ground) shall the cruising order be complied with?
- 8)
 - a) Can IFR and/or VFR aircraft operate in Class A airspace?
 - b) Class A airspace is found where?
 - c) Can IFR and/or VFR aircraft operate in Class B airspace?
 - d) Class B airspace is found where?
 - e) Do VFR aircraft require clearance to enter Class C or Class D airspace?
 - f) Class C and D airspace become which type of airspace, if the appropriate ATC unit is not in operation?
 - g) Is ATC separation provided to VFR aircraft operating in Class E airspace?
 - h) Class E airspace can be found where?
 - i) Describe Class F airspace.
 - j) Describe Class G airspace.