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.