

SECTION 3.06**SYLLABUS OF FLIGHT RULES AND AIR LAW (AIR LEGISLATION)****LEVELS OF KNOWLEDGE AND APPLICATION**

The following syllabus specifies the **MINIMUM** standard of knowledge required. Qualifying letters are used to indicate the specific levels of knowledge necessary for each individual item within a particular subject, as follows:

- A A **basic** understanding of the subject matter, sufficient, with some assistance from an RA-Aus instructor, for the solution of simple practical problems either by calculation or by the exercise of judgment.
- B A **sound** understanding of the subject matter, sufficient, without assistance, for the solution of more advanced practical problems either by calculation or by the exercise of judgment.
- C A **thorough** understanding of the subject matter, achieving without assistance, a first attempt accuracy of 80% in the solution of advanced practical problems either by calculation or by the exercise of judgment.
- P **Basic** practical application of relevant procedures
- P+ **Thorough** practical application of relevant procedures

PASS MARK

The pass mark for the examinations set to this syllabus is 80%.

1 – AIR LEGISLATION

1.1 – FLIGHT RULES AND AIR LAW		Standard prior to:	
		Solo	P/Cert
1.1.1	<p>Flight rules and conditions of flight.</p> <p>Recall/apply the following rules/requirements:</p> <ul style="list-style-type: none"> (a) rules of the air; (b) the requirements relating to the operation of aircraft on & in the vicinity of an aerodrome & the conditions relating to turns after take-off; (c) separation minima between a/c for take-off & landing at a non-controlled aerodrome; (d) rules relating to restrictions on smoking in aircraft during flight and refuelling; (e) visual flight rules and visual meteorology conditions (aeroplanes) for operations below 10,000ft; (f) altimetry procedures for flight below 10,000ft. <p>State the rules relating to:</p> <ul style="list-style-type: none"> (a) the use of drugs & alcohol, and recall the minimum period between alcohol consumption and flight departure; <p>Recall regulations relating to the minimum heights for flights over:</p> <ul style="list-style-type: none"> (a) populated areas; (b) other areas. <p>State the limitations imposed on:</p> <ul style="list-style-type: none"> (a) acrobatic flight; (b) flights over public gatherings. <p>Recall the requirements for landing prior to the end of daylight.</p>	B/P	C/P+
		B	C
		B	C
		B	C
		B	C
1.1.2	<p>Aerodromes.</p> <p>With reference to a diagram of the aerodrome(s) used for training:</p> <ul style="list-style-type: none"> (a) identify movement areas; 	B	C

	(b) explain the significance of taxiway, runway, and/or helipad markings.		
	<p>Identify the following positions in a circuit:</p> <p>(a) downwind leg;</p> <p>(b) base leg;</p> <p>(c) crosswind leg;</p> <p>(d) upwind leg;</p> <p>(e) dead side of the circuit.</p> <p>Explain the significance of a white cross on the movement area.</p> <p>Identify and explain the purpose of the following aerodrome markings:</p> <p>(a) runway markings;</p> <p>(b) runway threshold markings;</p> <p>(c) runway end markings;</p> <p>(d) cone and gable markers;</p> <p>(e) taxiway markings;</p> <p>(f) holding points/bays;</p> <p>(g) a double white cross adjacent to a primary wind indicator;</p> <p>(h) a horizontal white dumbbell.</p>	B	C
1.1.3	<p>Emergencies, accidents, incidents and SAR.</p> <p>Differentiate between an accident and an incident.</p> <p>Extract the requirements applicable to the notification of accidents and incidents.</p> <p>Extract from RA-Aus Ops Manual the responsibilities of a pilot regarding the notification of accidents and incidents.</p>	A	C
1.1.4	<p>Documentation.</p> <p>Describe the method of obtaining publications and know why it is important to update these documents.</p> <p>Given an item of operational significance:</p> <p>(a) select from the list below the appropriate reference document: CAR;CASR; CAO; AIP (Book); RA-Aus Ops Manual; Part 103;</p> <p>(b) extract relevant and current information from these documents.</p> <p>Extract/decode information contained in ERS(A), NOTAMS and AIP supplements.</p>	A	B
1.1.5	<p>Pilot certificate, privileges and limitations.</p> <p>Know:</p> <p>(a) privileges and limitations of the certificate;</p> <p>(b) recent experience requirements;</p>	A	C
1.1.6	<p>Airspace.</p> <p>Differentiate between the various classifications of airspace.</p> <p>With respect to the terms listed in (a) to (e): explain each term and, if applicable.</p> <ul style="list-style-type: none"> • identify airspace boundaries on appropriate charts • extract vertical limits of designated airspace from charts or ERS(A) <p>(a) flight information service; FIR; FIA; OCTA; Class G</p> <p>(b) air traffic control service; CTA; CTR; controlled airspace;</p> <p>(c) PRD areas;</p> <p>(d) CTAF(R) areas;</p> <p>(e) controlled aerodromes; GAAP aerodromes.</p> <p>Know the requirements and procedures to be adopted when operating:</p> <p>(a) from or into:</p> <ol style="list-style-type: none"> i. any licensed aerodrome; ii. a CTAF(R). 	A	C