

CPL LESSON 104

INSTRUMENT FLIGHT - C152 FULL PANEL

* Not required for candidates who hold a NVFR

Elements		Performance Criteria	Std Rqd	Std Achieved
C7.1	Recognise and manage threats	Identifies relevant environmental or operational threats that are likely to affect the safety of the flight Develops and implements countermeasures to manage threats Monitors and assesses flight progress to ensure a safe outcome; or modifies actions when a safe outcome is not assured.	2	
C7.2	Recognise and manage errors	Applies checklists and standard operating procedures to prevent aircraft handling, procedural or communication errors and identifies committed errors before safety is affected or aircraft enters an undesired aircraft state. Monitor aircraft systems, flight environment and crewmembers, collects and analyses information to identify potential or actual errors Implements countermeasures to prevent errors or takes action in the time available to correct errors before the aircraft enters an undesired aircraft state.	2	
C7.3	Recognise and manage undesired aircraft state	Recognises undesired aircraft state Prioritises tasks to ensure management of undesired aircraft state Manipulates aircraft controls or systems, or modifies actions or procedures to maintain control of the aircraft and return to normal flight operations, in the time available.	2	
A7.1	Determine & monitor serviceability of flight instruments	Determines serviceability of flight instrument, pitot/static system and instrument power sources in accordance with Flight Manual/POH, before flight Performs functional checks of turn, heading and attitude indicators while taxiing Monitors flight instrument and instrument power sources and reacts appropriately to any warnings, unserviceabilities or erroneous indications.	2	
A7.2	Perform manoeuvres on full panel	Interprets and reacts appropriately to flight instrument indications to achieve and maintain specified flight profiles using full instrument panel Sets and maintains power and attitude by reference to full instrument panel to achieve straight and level performance during normal cruise (± 200 ft $\pm 10^\circ$ ± 10 kts) Sets and maintains power and attitude by reference to full instrument panel to achieve nominated climb performance ($\pm 10^\circ$ ± 5 kts) Sets and maintains power and attitude by reference to full instrument panel to achieve descent performance ($\pm 10^\circ$ ± 10 kts ± 200 ft/min) Sets and maintains power, attitude and bank during climb, descent and level flight by reference to full instrument panel to achieve rate one turns onto a nominated heading ($\pm 10^\circ$ on exit) Balances aeroplane Trims aeroplane <u>Recover from unusual attitudes</u> Identifies uncontrolled flight involving high and low nose attitudes, varying angles of bank and power settings and unbalanced flight and resumes controlled flight Re-establish flight by visual reference Performs or simulates involuntary transition from visual flight conditions to instrument meteorological conditions (IMC), identifies loss of visual reference and manoeuvres aeroplane to re-establish VFR flight Develops a plan that ensures re-establishment of VFR.	2	

I have completed the training specified in the elements, which have been certified on this Achievement Record

Candidate's Signature _____

Date _____

Instructor's Signature _____

Date _____