

## CPL LESSON 116

### GENERAL FLYING - C152 S & L (RANGE, ENDURANCE, SLOW FLIGHT)

Student to be briefed on theory as per Ground Theory Block 2.6.6.2 & 2.6.7.4 & 2.6.7.5

Elements	Performance Criteria	Std Rqd	Std Achieved
A3.2 Maintain Straight and level flight  Range Configuration  Endurance Configuration	<p>Sets and maintains power and attitude to achieve specified straight and level performance for the following profiles:</p> <p>Straight and level flight at normal cruise</p> <p>Straight and level flight at high-speed cruise</p> <p>Straight and level flight with flap selected</p> <p>Maintains heading (<math>\pm 10^\circ</math>)</p> <p>Maintains altitude <b><math>\pm 100</math> ft for CPL</b></p> <p>Maintains IAS (<math>\pm 10</math> kts)</p> <p>Sets altimeter subscale in accordance with procedures specified in AIPs</p> <p>Identifies and avoids terrain and traffic <u>threats</u></p> <p><u>Balances aircraft</u></p> <p><u>Trims aircraft.</u></p>	1	
A3.5 Control aeroplane at slow speeds	<p>Completes pre-maneuvre checks from memory</p> <p>Manoeuvres aircraft at minimum clean approach speed (+10, -0 kts).</p> <p>Manoeuvres aircraft at flapped approach configuration speed (+10, -0 kts)</p> <p>Observes audible and visual stall warnings and recovers aircraft to controlled flight</p> <p>Manages the reduced effectiveness of controls</p> <p>Recovers from slow speed configuration using take-off power to achieve nominated speed in excess of 1.5Vs without loss of height <b><math>\pm 10</math> kts, <math>\pm 100</math> ft for CPL</b></p> <p><u>Balances aircraft</u></p> <p><u>Trims aircraft.</u></p>	1	
C7.1 Recognise and manage threats	<p>Identifies relevant environmental or operational threats that are likely to affect the safety of the flight</p> <p>Develops and implements countermeasures to manage threats</p> <p>Monitors and assesses flight progress to ensure a safe outcome; or modifies actions when a safe outcome is not assured.</p>	1	
C7.2 Recognise and manage errors	<p>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.</p> <p>Monitor aircraft systems, flight environment and crewmembers, collects and analyses information to identify potential or actual errors</p> <p>Implements countermeasures to prevent errors or takes action in the time available to correct errors before the aircraft enters an undesired aircraft state.</p>	1	
C7.3 Recognise and manage undesired aircraft state	<p>Recognises undesired aircraft state</p> <p>Prioritises tasks to ensure management of undesired aircraft state</p> <p>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.</p>	1	

**CPL LESSON 116 CONT****GENERAL FLYING - C152 S & L (RANGE, ENDURANCE, SLOW FLIGHT)**

Student to be briefed on theory as per Ground Theory Block 2.6.6.2 &amp; 2.6.7.4 &amp; 2.6.7.5

Elements		Performance Criteria	Std Rqd	Std Achieved
C6.1	Maintains Effective Lookout	Maintains lookout and traffic separation using a systematic scan technique at a rate determined by traffic density, visibility and terrain Maintains radio listening watch and interprets transmissions to determine traffic location and intentions of traffic Performs airspace-cleared procedure before commencing any manoeuvres.	1	
C6.2	Maintains situation awareness	Monitors all aircraft systems using a systematic scan technique Collects information to facilitate ongoing system management Monitors flight environment for deviations from planned operations Collects flight environment information to update planned operations.	1	
C6.3	Assess situations and make decisions	Identifies problems Analyses problems Identifies solutions Assesses solutions and risks Decides on a course of action Communicates plans of action - if appropriate Allocates tasks for action – if appropriate Takes actions to achieve optimum outcomes for the operation Monitors progress against plan Re evaluates plan to achieve optimum outcomes.	1	
C6.4	Set priorities and manage tasks	Organises workload and priorities to ensure completion of all tasks relevant to the safety of the flight Puts the safe and effective operation of the aircraft ahead of competing priorities and demands Plans events and tasks to occur sequentially Anticipates critical events and tasks to ensure completion Uses technology to reduce workload and improve cognitive and manipulative activities Avoids fixation on single actions, tasks or functions.	1	
C6.5	Maintain effective communication and interpersonal relationships	Establishes and maintains effective and efficient communications and interpersonal relationships with all stakeholders to ensure the safe outcome of the flight Defines and explains objectives to applicable/involved stakeholders Demonstrates a level of assertiveness that ensures the safe completion of the flight Encourages passengers to participate in and contribute to the safe outcome of the flight.	1	

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 \_\_\_\_\_