

## CPL LESSON 106

## INSTRUMENT FLIGHT – C172 NDB TRACKING &amp; INTERCEPTS

Elements		Performance Criteria	Std Rqd	Std Achieved
C2.1	Complete pre and post flight administration	<p><b><u>Pre flight</u></b></p> <p>Obtains, interprets and applies meteorological and NOTAM information</p> <p>Completes pre-flight planning and documentation in accordance with regulations and/or operations manual</p> <p>Calculates aeroplane take-off and landing performance in accordance with performance and weight and balance charts</p> <p>Selects optimum cruise altitude determined by operational, <u>safety</u><sup>1</sup> or efficiency requirements</p> <p>Interprets maintenance release (Flight Technical Log) and Minimum Equipment List (MEL) and determines aircraft serviceability for proposed flight.</p> <p><b><u>Post flight</u></b></p> <p>Completes flight maintenance release (Flight Technical Log) and flight administration and enters identified unserviceabilities in accordance with regulations and/or operations manual.</p>	1	
C2.2	Perform pre flight inspection	<p>Identifies and secures equipment and documentation as required by regulation in the aircraft</p> <p>Completes internal and external checks in accordance with approved checklist</p> <p>Ensures removal of all aircraft locking devices</p> <p>Identifies defects or damage to the aircraft that could compromise safety</p> <p>Certifies Flight Technical Log entering any defects or endorsements to Permissible Unserviceabilities (PUS)</p> <p>Completes and certifies daily inspection..</p>	1	
C8.8	Use Radio navigation Aids	<p><b><i>Candidate able to track using NDB navigation aids with wind and make all intercepts</i></b></p> <p>Tunes, identifies and tests all navigation aids before use.</p> <p>Determines aircraft is within rated coverage of applicable radio navigation aids</p> <p>Fixes aircraft position and solves aircraft orientation problems using radio navigation aids</p> <p>Tracks/homes to the ground station</p> <p>Verifies integrity of GPS signal</p> <p>Enters and checks waypoint entry into GPS system</p> <p>Confirms waypoints and fixes from all radio navigation aids with flight plan and identified ground fixes during en route navigation at least once every 60 minutes.</p>	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 \_\_\_\_\_

<sup>1</sup> Means that a manoeuvre or flight is completed without injury to persons, damage to aircraft or breach of aviation safety regulations, while meeting the requirements of the Manual of Standards Part 61.