



Mission 46

NDB TRACKING AND INTERCEPTION

STUDENT: <i>Tohanes CW Siharman</i>	DATE 1: <i>28/06/2022</i>	DATE 2:
INSTRUCTOR: <i>Capb. Ryo</i>	A/C REG: <i>PK-R00</i>	A/C REG:
A/C TYPE: <i>Cessna 172</i>	DURATION: <i>1.00</i>	DURATION:

EXERCISES		1	2	COMMENTS:
R-	Engine Start Procedures			<p><i>A defn times student seems confusing for own interception.</i></p> <p><i>Improve to maintain ALT wind correction during holding as fine.</i></p> <p><i>Complete</i></p>
R-	Cockpit Instruments Check			
R-	VOR Equipment Test			
I-	NDB Equipment Test			
R-	Full Panel Instrument Flying			
I-	NDB Orientation			
I-	NDB Bearing Interception			
	- Intercepting QDM			
	- Intercepting QDR			
I-	NDB Tracking			
	- From the Station (QDR)			
	- To the Station (QDM)			
I-	NDB Homing			
I-	Effect of Wind while tracking NDB Bearings			
R-	Transitioning to Visual Flight			
R-	Correct use of Checklist			

COMPLETION STANDARDS:

- Student must demonstrate competency in operating the ADF equipment onboard the aircraft.
- Student must demonstrate competency in tracking and intercepting NDB bearings.
- Student must demonstrate awareness of the effect of wind while tracking and intercepting NDB bearings and its effect on the ADF needle while compensating for the wind.
- Student must maintain altitude within $\pm 100\text{ft.}$, heading within $\pm 15^\circ$ and airspeed within ± 10 kts.

SYLLABUS TIMES:

Total	Dual	FTD	X/C	IF	Ldgs	Night
81:00	1:00			0:50	1	
	<i>100</i>			<i>50</i>		