

## Mission 46

## NDB TRACKING AND INTERCEPTION

STUDENT: <i>ALETHEIA APRIEUA</i>	DATE 1: <i>7-4-2022</i>	DATE 2:
INSTRUCTOR: <i>CAPT. RYO</i>	A/C REG: <i>PK-R06</i>	A/C REG:
A/C TYPE: <i>C172</i>	DURATION: <i>1.00</i>	DURATION:

EXERCISES		1	2	COMMENTS:
R-	Engine Start Procedures	<i>E</i>		<i>pre flight briefing : 15 mins</i>
R-	Cockpit Instruments Check			
R-	VOR Equipment Test			
I-	NDB Equipment Test			
R-	Full Panel Instrument Flying			<i>Good wind correction Timing during holding.</i>
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			<i>Complete</i>
R-	Correct use of Checklist	<i>S</i>		

## 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  $\pm 10$  kts.

## SYLLABUS TIMES:

Total	Dual	FTD	X/C	IF	Ldgs	Night
81:00	1:00			0:50	1	
	1:00			0:50	1	

Student Signature *Thun*Instructor Signature *M. ?*