



## Mission 46

## NDB TRACKING AND INTERCEPTION

STUDENT: <i>CHRISTOPHER MARTEL</i>	DATE 1: <i>22-08-2022</i>	DATE 2:
INSTRUCTOR: <i>captain Thesar</i>	A/C REG: <i>PK-8017</i>	A/C REG:
A/C TYPE: <i>C172</i>	DURATION: <i>01:00</i>	DURATION:

EXERCISES		1	2	COMMENTS:
R-	Engine Start Procedures	S		<i>PRE BRIEF : 5 MIN</i>
R-	Cockpit Instruments Check	S		
R-	VOR Equipment Test	S		
I-	NDB Equipment Test	S		
R-	Full Panel Instrument Flying	S		<i>- NEED MORE PRACTICE ON QDM INTERCEPTION</i>
I-	NDB Orientation	S		
I-	NDB Bearing Interception			
	- Intercepting QDM	<i>8/5</i>		
	- Intercepting QDR	<i>8/5</i>		
I-	NDB Tracking			
	- From the Station (QDR)	S		
	- To the Station (QDM)	S		
I-	NDB Homing	S		
I-	Effect of Wind while tracking NDB Bearings	S		
R-	Transitioning to Visual Flight	S		<i>- AND WORK ON SCANNING</i>
R-	Correct use of Checklist	S		

## 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  $\pm 10\text{ kts.}$

## SYLLABUS TIMES:

Total	Dual	FTD	X/C	IF	Ldgs	Night
81:00	1:00			0:50	1	
<i>81:00</i>	<i>01:00</i>			<i>05:00</i>	<i>1</i>	

Student Signature *Christopher Martel*Instructor Signature *[Signature]*