



## Mission 46

## NDB TRACKING AND INTERCEPTION

STUDENT: <i>Mongo Misael Jemla</i>	DATE 1: <i>23-8-2022</i>	DATE 2:
INSTRUCTOR: <i>Capt Ryo</i>	A/C REG: <i>PH-R00</i>	A/C REG:
A/C TYPE: <i>CL42</i>	DURATION: <i>61.00</i>	DURATION:

EXERCISES	1	2	COMMENTS:
R- Engine Start Procedures	<i>5</i>		<i>Improve ndb tracking + intercepting, student confuse which direction he needs to turn. during abm interce- ption.</i>
R- Cockpit Instruments Check	<i>1</i>		
R- VOR Equipment Test	<i>1</i>		
I- NDB Equipment Test	<i>1</i>		
R- Full Panel Instrument Flying	<i>1</i>		
I- NDB Orientation	<i>1</i>		
I- NDB Bearing Interception	<i>1</i>		
- Intercepting QDM	<i>5</i>		
- Intercepting QDR	<i>5</i>		
I- NDB Tracking	<i>5</i>		
- From the Station (QDR)	<i>5</i>		<i>Complete</i>
- To the Station (QDM)	<i>5</i>		
I- NDB Homing	<i>5</i>		
I- Effect of Wind while tracking NDB Bearings	<i>1</i>		
R- Transitioning to Visual Flight	<i>1</i>		
R- Correct use of Checklist	<i>5</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  $\pm 10\text{ kts.}$

## SYLLABUS TIMES:

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

Student Signature .....

Instructor Signature .....