



Mission 46

NDB TRACKING AND INTERCEPTION

STUDENT: <i>Smart</i>	DATE 1: <i>23/8-22</i>	DATE 2:
INSTRUCTOR: <i>Capt. Erik</i>	A/C REG: <i>PK-ROT</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>✓</i>		<i>Area 12</i>
R- Cockpit Instruments Check	<i>✓</i>		
R- VOR Equipment Test	<i>✓</i>		<i>Notes:</i> - VOR accuracy test confused - Forget power checked - Interception NDB confused - Landing wing not level
I- NDB Equipment Test	<i>✓</i>		
R- Full Panel Instrument Flying	<i>✓</i>		
I- NDB Orientation	<i>✓</i>		
I- NDB Bearing Interception			
- Intercepting QDM	<i>✓</i>		
- Intercepting QDR	<i>✓</i>		
I- NDB Tracking			
- From the Station (QDR)	<i>✓</i>		
- To the Station (QDM)	<i>✓</i>		
I- NDB Homing	<i>✓</i>		<i>Pre briefing 15 minutes</i> <i>Post</i>
I- Effect of Wind while tracking NDB Bearings	<i>✓</i>		
R- Transitioning to Visual Flight	<i>✓</i>		
R- Correct use of Checklist	<i>✓</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	
	<i>(1:00)</i>			<i>0:50</i>	<i>1</i>	

Student Signature *Swl*Instructor Signature *upke*