



Mission 46

NDB TRACKING AND INTERCEPTION

STUDENT: HANIF MUHAMMAD	DATE 1: 3/2/2022	DATE 2:
INSTRUCTOR: CAPT. THEJAR	A/C REG: PK-100	A/C REG:
A/C TYPE: C172	DURATION: 1:00	DURATION:

EXERCISES		1	2	COMMENTS:
R-	Engine Start Procedures	\$		<p>PROB: 15:00 15 MIN</p> <hr/> <p>- POOR ON SCANNING</p> <p>- TRY HARD TO MAINTAIN ALTITUDE!</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 ± 100 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	
81:00	1:00			0:50	1	

Student Signature

Instructor Signature