



Mission 46

NDB TRACKING AND INTERCEPTION

STUDENT: MAHSA JAMER	DATE 1: 18 May 2021	DATE 2:
INSTRUCTOR: CAPT. OKTO	A/C REG: PK-RSL	A/C REG:
A/C TYPE: C172	DURATION: 1:00	DURATION:

EXERCISES		1	2	COMMENTS:
R-	Engine Start Procedures	S		<p>AREA 04</p> <p>NDB INTERCEPTION / HOMING ,</p> <p>TRACKING GOOD ✓</p> <p>- ENTRY HOLDING TRAIL PROP</p> <p>+ 3x HOLDING OVER SO</p> <p>OVERALL OK</p> <p>1x CDG ↓</p> <p>30 MINUTES EXCEED WILL USE</p> <p>IR - M1</p>
R-	Cockpit Instruments Check	S		
R-	VOR Equipment Test	S		
I-	NDB Equipment Test	S		
R-	Full Panel Instrument Flying	S		
I-	NDB Orientation	S		
I-	NDB Bearing Interception	S		
	- Intercepting QDM	S		
	- Intercepting QDR	S		
I-	NDB Tracking	S		
	- 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		
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	
	1:00			0:50	1	

Student Signature

Instructor Signature