



Mission 1

INTRODUCTION TO INSTRUMENT HOLDING (NDB)

STUDENT: <i>for harko ah</i>	DATE 1: <i>10/12/2022</i>	DATE 2:
INSTRUCTOR: <i>capl. Theodor</i>	A/C REG: <i>Pk R0</i>	A/C REG:
A/C TYPE: <i>C172</i>	DURATION: <i>1.30</i>	DURATION:

EXERCISES		1	2	COMMENTS:
R-	Engine Start Procedures	<i>5</i>		
R-	Cockpit Instruments Check	<i>5</i>		<i>Pre Brief : 15 min</i> <i>Student need more study about interception</i>
R-	Radio and Nav Aids Check	<i>5</i>		
R-	Full Panel Instrument Flying	<i>5</i>		
R-	NDB Bearing Interception	<i>5B</i>		
	- Intercepting QDM	<i>5B</i>		
	- Intercepting QDR	<i>5B</i>		
R-	NDB Tracking	<i>5B</i>		
	- From the Station (QDR)	<i>5B</i>		
	- To the Station (QDM)	<i>5B</i>		
I-	Holding Pattern Entry	<i>5</i>		
I-	NDB Holding	<i>5</i>		
	- Standard	<i>5</i>		
	- Non-Standard	<i>5</i>		
I-	Wind Correction in the Hold	<i>5B</i>		
R-	Transitioning to Visual Flight	<i>5</i>		
R-	Correct use of Checklist	<i>5</i>		

COMPLETION STANDARDS:

- Student must be able to demonstrate competency in the holding pattern entry procedures.
- Student must be able to conduct a VOR and a NDB hold in accordance with the procedures laid out in the FSM 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
1:30	1:30			1:20	1	
<i>1:30</i>	<i>1:30</i>			<i>1:20</i>	<i>1</i>	

Student Signature

Instructor Signature *J. P. HIL*