



Mission 1

INTRODUCTION TO INSTRUMENT HOLDING (NDB)

STUDENT: <u>ALTHEIA APRILEA</u>	DATE 1: <u>9-4-2022</u>	DATE 2:
INSTRUCTOR: <u>CAPT. RYO</u>	A/C REG: <u>P4-R0D</u>	A/C REG:
A/C TYPE: <u>C172</u>	DURATION: <u>1:20</u>	DURATION:

EXERCISES		1	2	COMMENTS:
R-	Engine Start Procedures			
R-	Cockpit Instruments Check			
R-	Radio and Nav Aids Check			
R-	Full Panel Instrument Flying			
R-	NDB Bearing Interception			
	- Intercepting QDM			
	- Intercepting QDR			
R-	NDB Tracking			
	- From the Station (QDR)			
	- To the Station (QDM)			
I-	Holding Pattern Entry			
I-	NDB Holding			
	- Standard			
	- Non-Standard			
I-	Wind Correction in the Hold			
R-	Transitioning to Visual Flight			
R-	Correct use of Checklist			

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	
	1:30			1:20		

Student Signature

Instructor Signature