



Mission 45

VOR TRACKING AND INTERCEPTION

STUDENT: Yesaya	DATE 1: 4 - 7 - 2022	DATE 2:
INSTRUCTOR: Capt. Erik	A/C REG: PK-RDD	A/C REG:
A/C TYPE: C172	DURATION: 1.00	DURATION:

EXERCISES		1	2	COMMENTS:
R-	Engine Start Procedures	S		SOC Area 17 VOR → Orientation → Interception → Tracking → Homing } ok
R-	Cockpit Instruments Check	S		
I-	VOR Equipment Test	S		
R-	Full Panel Instrument Flying	SB		
I-	VOR Orientation	S		
I-	VOR Radial Interception	S		
I-	VOR Radial Tracking			
	- From the Station	S		
	- To the Station	S		
I-	VOR Homing	S		
I-	Effect of Wind while tracking VOR Radials	S		Notes: - Altitude ↑ - Improve scanning Pre briefing 15 minutes Post
R-	Transitioning to Visual Flight	S		
R-	Correct use of Checklist	S		

COMPLETION STANDARDS:

- Student must demonstrate competency in operating the VOR equipment onboard the aircraft.
- Student must demonstrate proficiency in intercepting and tracking radials and be able to navigate the aircraft direct to the VOR Station from the current position.
- Student must demonstrate an understanding of the effect of wind while tracking VOR Radials and compensate accordingly.
- Student must maintain altitude within $\pm 100\text{ft.}$, heading within $\pm 15^\circ$ and airspeed within ± 10 kts.

SYLLABUS TIMES:

Total	Dual	FTD	X/C	IF	Ldgs	Night
80:00	1:00			0:50	1	
	1:00			0:50	1	