



Mission 45

VOR TRACKING AND INTERCEPTION

STUDENT: Khalifah, Zivago, R	DATE 1: 2/2/2022	DATE 2:
INSTRUCTOR: Capt. Thevar	A/C REG: PKRDM	A/C REG:
A/C TYPE: C172	DURATION: 1:00	DURATION:

EXERCISES		1	2	COMMENTS:
R-	Engine Start Procedures			<p>PROF VOR : 15 min</p> <hr/> <p>- POOR ON SCANNING</p> <p>- NEED MORE STUDY ON INTERCEPTION</p> <hr/>
R-	Cockpit Instruments Check			
I-	VOR Equipment Test			
R-	Full Panel Instrument Flying			
I-	VOR Orientation			
I-	VOR Radial Interception			
I-	VOR Radial Tracking			
	- From the Station			
	- To the Station			
I-	VOR Homing			
I-	Effect of Wind while tracking VOR Radials			
R-	Transitioning to Visual Flight			
R-	Correct use of Checklist			

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 $\pm 10\text{ kts.}$

SYLLABUS TIMES:

Total	Dual	FTD	X/C	IF	Ldgs	Night
80:00	1:00			0:50	1	
20.00	1:00			0:50	1	

Student Signature

Instructor Signature