

Mission 45

VOR TRACKING AND INTERCEPTION

STUDENT: <i>Stefany Valencia</i>	DATE 1: <i>04-07-2022</i>	DATE 2:
INSTRUCTOR: <i>Captain. PJP</i>	A/C REG: <i>PK-ROE</i>	A/C REG:
A/C TYPE: <i>Cessna 172</i>	DURATION: <i>1.00</i>	DURATION:

EXERCISES		1	2	COMMENTS:
R-	Engine Start Procedures	<i>S</i>		<i>preflight briefing: 15 mins.</i> <i>Improve wind correction</i> <i>for VOR tracking.</i> <i>Review holding procedure</i> <i>where you start timing.</i>
R-	Cockpit Instruments Check	<i>S</i>		
I-	VOR Equipment Test	<i>S</i>		
R-	Full Panel Instrument Flying	<i>S</i>		
I-	VOR Orientation	<i>S</i>		
I-	VOR Radial Interception	<i>S</i>		
I-	VOR Radial Tracking	<i>S</i>		
	- From the Station	<i>1</i>		
	- To the Station	<i>1</i>		
I-	VOR Homing	<i>S</i>		
I-	Effect of Wind while tracking VOR Radials	<i>S</i>		<i>Complete</i>
R-	Transitioning to Visual Flight	<i>S</i>		
R-	Correct use of Checklist	<i>S</i>		

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	

Student Signature *[Signature]*Instructor Signature *[Signature]*