



## Mission 45

## VOR TRACKING AND INTERCEPTION

STUDENT: <u>ARVIGI</u>	DATE 1: <u>13-04-2023</u>	DATE 2:
INSTRUCTOR: <u>CAPTAIN TAVIKR</u>	A/C REG: <u>PK-RPV</u>	A/C REG:
A/C TYPE: <u>C172 P</u>	DURATION: <u>01:00</u>	DURATION:

EXERCISES		1	2	COMMENTS:
R-	Engine Start Procedures	s		WADY - GENTENG - WADY  INTRO TO VOR BY "ASPEN" USAGE  ORIENTATION, INTERCEPTING WERE GOOD  INTRO TO VOR HOLDING WITH ENTRY.  OVERALL WAS SATISFACTORY
R-	Cockpit Instruments Check	s		
I-	VOR Equipment Test	s		
R-	Full Panel Instrument Flying	s		
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		
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  $\pm 10\text{ kts.}$

## SYLLABUS TIMES:

Total	Dual	FTD	X/C	IF	Ldgs	Night
80:00	1:00	-		0:50	1	
34:30	1:00			0:50	1	

Student Signature .....

Instructor Signature .....