



## Mission 2

## AIR EXERCISES

STUDENT: Adam Szimhny	DATE 1: 17-october-2022	DATE 2:
INSTRUCTOR: Capt. eric	A/C REG: FMX 167	A/C REG:
A/C TYPE: C 172 P	DURATION: 1:00	DURATION:

EXERCISES	1	2	COMMENTS:
R- Flight Preparation	S		
R- Communication Procedures	S		
R- Ground Operation Procedures	SB		
R- Take Off and Climb	S		
R- After Take Off Checks	S		→ More drill procedure (ground & flight)
R- Positive Exchange of Flight Controls	S		→ Power check procedure
R- Level to Climb Procedure	SB		* Max magneto drop ?
R- Climb to Level Procedure	SB		* Max differential ?
R- Level to Descend Procedure	S		
R- Descend to Level Procedure	SB		
R- Straight and Level	S		→ Learn more pre maneuver checklist
R- Climb and Climb Turns	SB		→ speed review coc
R- Descend and Descend Turns	SB		
I- Pre Maneuver Checklist	S		→ Learn and drill more stall procedure
R- Stalls Power Off	SB		
R- Stalls Power On	SB		
I- Cross Wind Leg	S		
I- Down Wind Leg	S		
I- Base Leg	SB		
I- Final Leg	S		
I- Normal Approach & Landing Proc	S		
I- Flapless Approach & Landing Proc	SB		
I- Cross Wind Take Off Technique	SB		
I- Cross Wind Approach Landing Technique	SB		
I- Bad Landing Recovery	S		
- Landing in a Drift			
R- Parking the Aircraft	S		

Pre briefing 15 minutes

Post briefing 15 minutes

**COMPLETION STANDARDS:**

- a. Have an understanding of the aerodynamics related to climbing and descending.
- b. Must be able to maintain heading  $\pm 20^\circ$  by using an outside visual reference.  
For all turns introduced above, must maintain altitude  $\pm 200$  ft., heading  $\pm 20^\circ$ , airspeed  $\pm 10$  kts.
- c. and maintain bank angle  $\pm 5^\circ$ .
- d. Must understand how to fly a traffic pattern, normal circuit and approach.

**SYLLABUS TIMES:**

Total	Dual	PIC				
1:50	1:00	0:00				
1:50	1:00	0:00				

**Student Signature**

**Instructor Signature**