Mission 7

CIRCUITS 1

STUDENT: BRILYAN	DATE 1: 11/07/2023	DATE 2:
INSTRUCTOR: CAPT. ERIK	A/C REG: RON	A/C REG:
A/C TYPE: C-172	DURATION: 01:00	DURATION:

	EXERCISES	1	2
R-	A/C Certificate & Documents	S	
R-	A/C Manual	S	
R-	Use of checklist	S	
R-	Pre-flight Inspections	S	
R-	Operations of the Systems	S	
R-	Equipment Checks	S	
R-	Engine Starting	S	
R-	Radio Communications	SB	
R-	Taxiing and Taxi Checks	S	
R-	Before Take-off Checks	S	
R-	Normal Take-off and Climb	SB	
R-	After Take-off Checks	S	
R-	Collision Avoidance/Traffic Awareness	SB	
I-	Wake Turbulance Avoidence	SB	
I-	Traffic Pattern Procedures	SB	
I-	Upwind Leg	SB	
I-	Crosswind Leg	S	
I-	Downwind Leg	SB	
I-	Base Leg	SB	
I-	Final Leg	SB	
I-	Extending Downwind Procedures	SB	
I-	Landing Flare Technique	SB	
R-	Normal Approach and Landing	SB	
R-	Normal Landing	SB	
R-	After Landing Procedures	S	
R-	Parking and Securing	S	

COMMENTS:

Touch & Go rwy 26

* Take off → upwind
  - Lift off put nose up Engine cowling on horizon, dont too up
  - Call out maintain rwy heading speed 75 kt.
* Crosswind
  - Turning with standard bank (15°) climb speed 75 kt
    target heading crosswind 350°
* Downwind
  - Turning to downwind 45° rwy
  - On downwind maintain heading 080° → altitude 1100' → speed go kt
  - During prelanding - heading off
    - alt ↑↓
* Final
  - Speed sometimes low
  - Not centerline
  - Unslope

pre brief 15 min
post ff

COMPLETION STANDARDS:

a. Must understand how to maintain the crosswind, downwind, base and final legs of the circuit.
b. Must understand how to fly a traffic pattern, normal circuit and approach safely.
c. Importance of maintaining speeds in the different phases of the circuit is emphasized.

SYLLABUS TIMES:

Total	Dual	Solo	IF	X/C	X/C Solo	Ldgs
7:15	1:00					6
1:15	1:00					5

Student Signature ..... Instructor Signature .....