

## Mission 1

## EFFECTS OF CONTROLS &amp; FAMILIARIZATION

STUDENT: <u>AFWUS J. M. KALLEM</u>	DATE 1: <u>17/12/2022</u>	DATE 2:
INSTRUCTOR: <u>Capt. SUBKHAN</u>	A/C REG: <u>PK-RSK</u>	A/C REG:
A/C TYPE: <u>C172</u>	DURATION: <u>01:50</u>	DURATION:

EXERCISES	1	2	COMMENTS:
I- A/C Certificate & Documents	Intro		Introduction and familiarization. <u>R/W 26</u>
I- Airworthiness Requirements	Intro		
I- Use of checklist	Intro		<u>PLANNING</u>
I- Pre-flight Inspections	Intro		
I- Fuel Grades and Test	Intro		<ul style="list-style-type: none"> <li>Exterior inspection</li> <li>Documents check</li> <li>Interior inspection</li> <li>Call &amp; start.</li> <li>Taxi out &amp; taxi check.</li> <li>Power up on 45°</li> <li>Ground manoeuvring on "D" main apron               <ul style="list-style-type: none"> <li>→ taxiing</li> <li>→ applying brake during taxi</li> <li>→ braking &amp; living on taxi</li> </ul> </li> <li>Living up &amp; to.</li> </ul>
I- Operations of the Systems	Intro		
I- Equipment Checks	Intro		<ul style="list-style-type: none"> <li>Nose attitude / pitch setting on cruise, climb &amp; descend.</li> <li>COC procedures.</li> <li>Effect of : - Control - attitude change</li> <li>- power - power change</li> <li>- Flaps</li> <li>In flight orientation &amp; cross checking</li> <li>Traffic awareness &amp; safety</li> <li>Turn to heading → manual turn</li> <li>Aerodrome orientation in the air</li> </ul>
I- Location of Fire Extinguisher	Intro		
I- Exit and Evacuation Procedure	Intro		Taxiing in, after land ex, shut down & post fly!
I- Engine Starting	Intro		
I- Radio Communications	Intro		
I- Taxiing and Taxi Checks	Intro		
I- Before Take-off Checks	Intro		
I- Training Area Familiarization	Intro		
I- Positive Exchange of Controls	Intro		
I- Effects of Primary FLT Controls	Intro		
I- Collision Avoidance/	Intro		
I- Cockpit Management	Intro		
I- After Landing Procedures	Intro		
I- Parking and Securing	Intro		
I- Post Flight Procedures	Intro		

## COMPLETION STANDARDS:

- Must display a basic understanding of the aircraft systems.
- Positive Exchange of Flight Controls must be clear.
- Should understand how to control the aircraft primary Flight Controls.

## SYLLABUS TIMES:

Total	Dual	Solo	IF	X/C	X/C Solo	Ldgs
1:00	1:00	-	-	-	-	1
6:00	1:00	-	-	-	-	1

Student Signature

Instructor Signature