



Mission 2

GENERAL HANDLING AND INTRODUCTION TO OEI OPERATIONS

STUDENT: Aditya Surya Dinninglet	DATE 1: 13-07-2022	DATE 2:
INSTRUCTOR: Capt. Rama	A/C REG: PK-R0V	A/C REG:
A/C TYPE: PA 44	DURATION: 1:00	DURATION:

EXERCISES		1	2	COMMENTS:
R-	Pre-Flight Inspection	S		<p>- Have to keep controlling the aircraft when doing phase 1</p> <p>- Have to keep maintain heading & speed during OEI.</p> <p>- Overall is satisfactory with brief</p>
R-	Start-up Procedures	S		
R-	Operation of Systems	S		
R-	Equipment Check	S		
R-	Location of Emergency Exit	S		
R-	Location of Emergency Equipment	S		
R-	Airframe and Powerplant Limitations	S		
R-	Use of Checklists	S		
R-	Taxiing (incl. use of asymmetric power)	S		
R-	Engine Start-up	S		
R-	Radio Communications	S		
R-	Pre-Take-Off checks	S		
R-	Take-Off safety briefing	S		
R-	Normal Take-Off and Initial Climb	S		
R-	Transition to Cruise Climb	S		
R-	Pre-Manoeuvre Checks	S		
R-	Steep Turns	S		
R-	Stalls	S		
R-	- Power Off Clean Stall	S		
R-	- Power Off Dirty Stall	S		
I-	Initial actions following O.E. Failure	S		
I-	Maximizing OEI Performance	SB		
I-	Controlling the aircraft with OEI	SB		
I-	Actions if terrain critical	S		
I-	Actions if not terrain critical	S		
I-	V _{MCA} demonstration and recovery	SB		
I-	Emergency Landing gear extension	S		
I-	Emergency Descent (FI Discretion)	S		
R-	Re-joining the circuit	S		
R-	Normal Approach and Landing	S		
R-	After Landing Procedures	S		
R-	Aircraft Parking and Engine shutdown	S		

COMPLETION STANDARDS:

- a. The student must be able to demonstrate proficiency in all the exercises listed with minimal instructor assistance and maintain altitude within ± 200 ft., heading within $\pm 20^\circ$ and airspeed within ± 10 kts for AEO operations and altitude within ± 300 ft., heading within $\pm 20^\circ$ and airspeed within ± 10 kts/-5kts for OEI operations

SYLLABUS TIMES:

Total	Dual	X/C	IF	Ldgs
2:00	1:00			1
2:00	1:00			1

Student Signature

Instructor Signature