



Mission 4

INSTRUMENT FLYING

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|--|---------------------------|-----------|
| STUDENT: <i>Aditron Suran Diniyasa</i> | DATE 1: <i>18-07-2022</i> | DATE 2: |
| INSTRUCTOR: <i>Capt RANA</i> | A/C REG: <i>PK-R0V</i> | A/C REG: |
| A/C TYPE: <i>PA 44</i> | DURATION: <i>1:00</i> | DURATION: |

| EXERCISES | | 1 | 2 | COMMENTS: |
|-----------|---|----------|---|--|
| R- | Pre-Flight Inspection | <i>S</i> | | <i>- Instrument flight & holding overall satisfactory!</i> |
| R- | Start-up Procedures | <i>S</i> | | |
| R- | Operation of Systems | <i>S</i> | | |
| R- | Equipment Check | <i>S</i> | | |
| R- | Location of Emergency Exit | <i>S</i> | | |
| R- | Location of Emergency Equipment | <i>S</i> | | |
| R- | Airframe and Powerplant Limitations | <i>S</i> | | |
| R- | Use of Checklists | <i>S</i> | | |
| R- | Taxiing (incl. use of asymmetric power) | <i>S</i> | | |
| R- | Engine Start-up | <i>S</i> | | |
| R- | Radio Communications | <i>S</i> | | |
| R- | Pre-Take-Off checks | <i>S</i> | | |
| R- | Take-Off safety briefing | <i>S</i> | | |
| R- | Normal Take-Off and Initial Climb | <i>S</i> | | |
| R- | Transition to Cruise Climb | <i>S</i> | | |
| R- | Transition to Instrument Flight | | | |
| | In Simulated IMC | <i>S</i> | | |
| I- | Straight and Level | <i>S</i> | | |
| I- | Climbing and Descending | <i>S</i> | | |
| I- | Turning | <i>S</i> | | |
| I- | Nav Aid Tracking and Interception | <i>S</i> | | |
| I- | Instrument Holding | <i>S</i> | | |
| I- | OEI in simulated IMC | <i>S</i> | | |
| I- | Transition to Visual Flight | <i>S</i> | | |
| R- | OEI Landing | <i>S</i> | | |
| R- | After Landing Procedures | <i>S</i> | | |
| R- | Aircraft Parking and Engine shutdown | <i>S</i> | | |

COMPLETION STANDARDS:

- a. The student must demonstrate competency in handling the aircraft in simulated IMC and must maintain altitude within $\pm 200\text{ft.}$, heading within $\pm 10^\circ$ and airspeed within $\pm 10\text{kts.}$

SYLLABUS TIMES:

| Total | Dual | X/C | IF | Ldgs |
|---------------|-------------|-----|-------------|----------|
| 4:00 | 1:00 | | 0:50 | 1 |
| <i>4:00</i> ✓ | <i>1:00</i> | | <i>0:50</i> | <i>1</i> |

Student Signature

Instructor Signature