

Mission 28

BASIC INSTRUMENT FLYING

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| STUDENT: ALFAREZA FIRMAN M | DATE 1: 31 October 2021 | DATE 2: |
| INSTRUCTOR: Captain ERIK | A/C REG: PK-ROY | A/C REG: |
| A/C TYPE: C-172 | DURATION: 01:40 | DURATION: |

| EXERCISES | 1 | 2 | COMMENTS: |
|---|----|---|---|
| R- Obtaining Weather Information | ✓ | | <ul style="list-style-type: none"> * Introduction basic instrument flying. * Descending turn power 1800rpm speed by pitch to maintain 90kt, vsi 500 fpm * R.O.T to the right altitude drop, heading not sync with time. * Others ok |
| R- NOTAMS | ✓ | | |
| R- Charts and Publications | ✓ | | |
| R- Maintenance Requirements | ✓ | | |
| R- AD's and Compliance | ✓ | | |
| R- Maintenance Records | ✓ | | |
| R- Aircraft Manual | ✓ | | |
| R- Aircraft Certificates and Documents | ✓ | | |
| R- Use of checklist | ✓ | | |
| R- Pre-flight Inspections | ✓ | | |
| R- Radio Communications | ✓ | | |
| R- Taxiing and Taxi Checks | ✓ | | |
| R- Before Take-off Checks | ✓ | | |
| R- VFR Departure Procedures | ✓ | | |
| I- Instrument Scanning Technique | ✓ | | |
| I- Straight and Level using Instruments | ✓ | | |
| I- Rate One Turn (Including Level 180° Turns) | ✓ | | |
| I- Medium Turn | ✓ | | |
| I- Constant A/S Climb | SB | | |
| I- Constant A/S Descent | ✓ | | |
| I- Constant Rate Climb | ✓ | | |
| I- Constant Rate Descent | ✓ | | |
| I- Timed Rate One Turns | SB | | |
| R- After Landing Procedures | ✓ | | <p>Pre brief 15 min Post 15</p> |
| R- Parking and Securing | ✓ | | |
| R- Post Flight Procedures | ✓ | | |
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COMPLETION STANDARDS:

- a. The mission is complete when the student demonstrates understanding of instrument scanning and is able to maintain heading, altitude and speed to PPL standards.

SYLLABUS TIMES:

| Total | Dual | Solo | IF | X/C | X/C Solo | Ldgs |
|-------|-------|------|-------|-----|----------|------|
| 29:05 | 1:40 | | 1:30 | | | 1 |
| 33:45 | 01:40 | | 01:30 | | | 1 |

Student Signature

Instructor Signature