



Mission 12

INSTRUMENT APPROACHES REVIEW

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|-------------------------------|--------------------------|-----------|
| STUDENT: <u>Yesaya</u> | DATE 1: <u>29-7-2022</u> | DATE 2: |
| INSTRUCTOR: <u>Capt. Erik</u> | A/C REG: <u>PK-1206</u> | A/C REG: |
| A/C TYPE: <u>C172</u> | DURATION: <u>1:30</u> | DURATION: |

| EXERCISES | | 1 | 2 | COMMENTS: |
|-----------|--|---|---|--|
| R- | Engine Start Procedures | ✓ | | NDB → Intercept inbound holding too slow |
| R- | Cockpit Instruments Check | ✓ | | |
| R- | Radio and Nav Aids Check | ✓ | | |
| R- | Full Panel Instrument Flying | ✓ | | |
| R- | Holding Pattern Entry | ✓ | | → Intercept, FAC, should be quick action for landing config otherwise altitude will be high on final |
| R- | Holding | | | |
| | - Standard | ✓ | | |
| | - Non-Standard | ✓ | | |
| R- | Wind Correction in the Hold | ✓ | | → During instrument flight altitude ↑ |
| R- | Instrument Approach Briefing | ✓ | | |
| R- | VOR Approach | ✓ | | |
| R- | Missed App. Procedures (VOR) | ✓ | | |
| R- | NDB Approach | ✓ | | VOR DME ARC } was standard ILS |
| R- | Missed App. Procedures (NDB) | ✓ | | |
| R- | ILS Approach Procedure | ✓ | | |
| R- | Missed App. Procedures (ILS) | ✓ | | |
| R- | Wind Correction during Approach | ✓ | | Pre briefing 15 minutes post 15 |
| R- | Loss of Glideslope on Approach / Localizer Only Approach | ✓ | | |
| R- | Partial Panel Approach | ✓ | | |
| R- | Partial Panel Missed Approach | ✓ | | |
| R- | Transitioning to Visual Flight | ✓ | | |
| R- | Correct use of Checklist | ✓ | | |
| R- | Copying and Reading Back Clearance | ✓ | | |
| R- | Compliance with Clearance | ✓ | | |

COMPLETION STANDARDS:

- The student must be able to demonstrate competency in full and partial panel instrument approaches and associated procedures as selected by the instructor.
- Student must be able to maintain minimum altitudes within +100ft/-0ft, heading within $\pm 10^\circ$ and speed within ± 5 kts for full panel instrument flight and within ± 100 ft, heading within $\pm 15^\circ$ and speed within ± 10 kts for partial panel instrument flight.

SYLLABUS TIMES:

| Total | Dual | FTD | X/C | IF | Ldgs | Night |
|-------|------|-----|-----|------|------|-------|
| 20:50 | 1:30 | | | 1:20 | 1 | |
| | 1:30 | | | 1:20 | 2 | |

Student Signature

Instructor Signature