

## Mission 6

## ILS APPROACHES

|                              |                           |           |
|------------------------------|---------------------------|-----------|
| STUDENT: <u>AUBAN</u>        | DATE 1: <u>24-04-2022</u> | DATE 2:   |
| INSTRUCTOR: <u>CAPT 0470</u> | A/C REG: <u>PK</u>        | A/C REG:  |
| A/C TYPE: <u>C-172</u>       | DURATION:                 | DURATION: |

| EXERCISES |   | 1  | 2 | COMMENTS:   |
|-----------|---|----|---|---|
| R-        | Engine Start Procedures                                     | S  |   | 10 MINUTES FROM MISSION 5   |
| R-        | Cockpit Instruments Check                                   | S  |   |   |
| R-        | Radio and Nav Aids Check                                    | S  |   |   |
| R-        | Full Panel Instrument Flying                                | S  |   | 1ST ILS APPROACH GOOD,<br>BUT AFTER 1000 FT<br>NOT MAINTAIN?  |
| R-        | Holding Pattern Entry                                       | S  |   |   |
| R-        | Holding   | S  |   |   |
|           | - Standard  | S  |   |   |
|           | - Non-Standard  | S  |   |   |
| R-        | Wind Correction in the Hold                                 | S  |   | 2ND ENTRY HOLDING PARALLEL<br>DONT WRONG TURN!<br>HOLDING OK, APPROACH<br>ILS WITHOUT GLIDE SLOPE<br>OK, MISSED APPROACH OK ✓ |
| R-        | Instrument Approach Briefing                                | S  |   |   |
| R-        | Understanding of increased<br>CDI sensitivity               | SB |   |   |
| R-        | Understanding of the Glideslope                             | SB |   |   |
| R-        | ILS Approach Procedure                                      | S  |   |   |
| R-        | Missed Approach Procedures                                  | S  |   |   |
| R-        | Wind Correction during Approach                             | S  |   |   |
| I-        | Loss of Glideslope on Approach /<br>Localizer Only Approach | S  |   |   |
| R-        | Transitioning to Visual Flight                              | SB |   | 3RD DME ARC 8NM DIRECT<br>ILS STILL NOT STABLE<br>CHECK SPEED WHY 60 KNOTS?   |
| R-        | Correct use of Checklist                                    | S  |   |   |
| R-        | Copying and Reading Back<br>Clearance                       | S  |   |   |
| R-        | Compliance with Clearance                                   | S  |   |   |
|           |   |    |   | 1x 106<br>NEED MORE STABLE  |
|           |   |    |   |   |
|           |   |    |   |   |
|           |   |    |   |   |

## COMPLETION STANDARDS:

- Student must demonstrate competency in the ILS Approach procedures (including any associated holding procedures) with minimal instructor assistance.
- Student must demonstrate an understanding of and proficiency in the actions to be taken in the event of a glideslope failure during an ILS approach.
- Student must be able to maintain altitudes specified in the approach within +100/-0ft, heading within  $\pm 15^\circ$  and airspeed within +10 kts/-5 kts.

## SYLLABUS TIMES:

| Total | Dual | FTD | X/C | IF   | Ldgs | Night |
|-------|------|-----|-----|------|------|-------|
| 8:50  | 1:30 |     |     | 1:20 | 1    |       |
| 8:50  | 1:30 |     |     | 1:20 | 1    |       |

Student Signature .....

Instructor Signature .....