

# STUDENT PILOT PRE-SOLO CHECKLIST

Date \_\_\_\_\_

Student  
Initials

Instructor  
Initials

## ELIGIBILITY

- |                                     |       |       |
|-------------------------------------|-------|-------|
| 1. 16 YEARS OLD.....                | _____ | _____ |
| 2. Speak, read, write English.....  | _____ | _____ |
| 3. Obtain medical certificate ..... | _____ | _____ |

## SOLO REQUIREMENTS (FAR 61.87)

- |   |       |       |
|---|-------|-------|
| 1. PRE-SOLO KNOWLEDGE TEST (FAR 61.87B) .....               | _____ | _____ |
| (a) FAR parts 61 and 91 .....                               | _____ | _____ |
| (b) Airspace rules .....                                    | _____ | _____ |
| (c) Flight characteristics for aircraft to be used .....    | _____ | _____ |
| 2. REVIEW TEST/ENDORSEMENT .....                            | _____ | _____ |
| 3. FLIGHT TRAINING .....                                    | _____ | _____ |
| (a) Preflight preparation.....                              | _____ | _____ |
| (b) Preflight procedures.....                               | _____ | _____ |
| (c) Powerplant operations .....                             | _____ | _____ |
| (d) Aircraft systems .....                                  | _____ | _____ |
| (e) Taxi and surface operations.....                        | _____ | _____ |
| (f) Runups .....  | _____ | _____ |
| (g) Normal takeoff.....                                     | _____ | _____ |
| (h) Normal landing.....                                     | _____ | _____ |
| (i) Cross wind takeoff .....                                | _____ | _____ |
| (j) Cross wind landing.....                                 | _____ | _____ |
| (k) Straight level flight.....                              | _____ | _____ |
| (l) Turns.....  | _____ | _____ |
| (m) Climbs/Climbing turns .....                             | _____ | _____ |
| (n) Airport traffic patterns.....                           | _____ | _____ |
| (o) Collision avoidance .....                               | _____ | _____ |
| (p) Windshear avoidance .....                               | _____ | _____ |
| (q) Wake turbulence .....                                   | _____ | _____ |
| (r) Descent/with and without turns .....                    | _____ | _____ |
| (s) Slow flight.....  | _____ | _____ |
| (t) Power Off stalls.....                                   | _____ | _____ |
| (u) Power On stalls.....                                    | _____ | _____ |
| (v) Emergency procedures .....                              | _____ | _____ |
| (w) Ground reference maneuvers .....                        | _____ | _____ |
| (x) Simulated engine failures.....                          | _____ | _____ |
| (y) Slips to landing.....                                   | _____ | _____ |
| (z) Go arounds .....  | _____ | _____ |
| 4. PRE-SOLO Flight Endorsement (Pilot Certificate) .....    | _____ | _____ |
| 5. PRE-SOLO Flight Endorsements(logbook every 90 days)..... | _____ | _____ |
| 6. INITIAL SOLO ENDORSEMENT .....                           | _____ | _____ |
| 7. TRAINING TO AIRPORT WITHIN 25 MILES.....                 | _____ | _____ |
| 8. SOLO ENDORSEMENT AT AIRPORT WITHIN 25 MILES.....         | _____ | _____ |
| 9. LIMITATIONS FOR SOLO PRIVILEGE IN LOGBOOK.....           | _____ | _____ |