

Personal Minima Worksheet tailored for Part 91 pilots, aligned with the “Land, Wait, or Divert” seminar. This is designed as a cockpit-ready handout tool

Personal Minima Worksheet – Part 91 Pilots

1. Approach Stability Gates

- **VMC:** Stabilized by **500 ft AGL** (on speed, glidepath, landing config).
- **IMC:** Stabilized by **1,000 ft AGL**.
- **Trigger:** If not stabilized → **Immediate go-around**.

2. Weather & Visibility

- **Day VFR minimum visibility:** _____ SM
- **Night VFR minimum visibility:** _____ SM
- **IFR approach ceiling/visibility minima:** _____ ft / _____ SM
- **Crosswind limit:** _____ kt
- **Tailwind limit:** _____ kt

3. Runway Condition Triggers

- **Dry required length:** _____ ft
- **Wet “Good” braking (add 20%):** _____ ft
- **Wet “Medium” braking (add 40%):** _____ ft
- **Hydroplaning speed (knots):** ($V_{hp} = 9\sqrt{p}$), where (p) = tire pressure (psi).
- **Trigger:** If required > available → **Wait or divert**.

4. Fatigue & Distraction

- **IAMSAFE check:** Illness, Medication, Stress, Alcohol, Fatigue, Emotion.
- **Trigger:** Any “No” → **Cancel or delay flight**.
- **Sterile cockpit discipline:** Below 1,000 ft AGL.

5. Traffic & Airport Environment

- **Non-towered comm discipline:** Position + altitude at each leg.
- **Trigger:** Inconsistent reports or unsafe spacing → **Divert**.
- **Local hazards (ORL):**
 - Intersecting runways (7/25 & 13/31).
 - Mixed traffic speeds (jets, turboprops, helicopters).
 - Night illusions (Hwy 408 lights, water reflections).
 - Convective weather shifts.

6. Diversion Policy

- **Primary alternate:** _____
- **Nearest suitable alternate:** _____
- **Fuel reserve policy:** _____ (e.g., 45 min IFR, 1 hr VFR).
- **Trigger:** Weather/traffic/runway below minima → **Divert early, not late**.

7. Passenger Brief

- “If conditions don’t meet my limits, we’ll wait or divert. That’s a professional choice, not a failure.”

Pilot Action

Fill in the blanks with your personal numbers before each flight. Carry this sheet in your flight bag. Review and adjust every 30 days.
