



Federal Aviation  
Administration



# PERSONAL MINIMUMS

## AERIAL APPLICATORS

### Pilot ●

- Are my pilot and applicator certificates or endorsement and state license correct?
- Have I conducted a reconnaissance of the field to be sprayed for obstacles and flight patterns to use?
- Do I have area maps available for pattern determination and review of adjacent areas?
- Is my flying ability proficient for the task and make/model of aircraft?
- Have my loading areas been properly designated and evaluated?
- Is my GPS programmed and do I have enough operational familiarization to keep my head out of the cockpit?
- Am I flying under pressure of job accomplishment from the customer, operator, or self?
- Is my body free of drugs, alcohol, fatigue, and excess stress?
- Is my body properly conditioned, fed, and hydrated?

### Aircraft ●

- Does my aircraft meet type design, is it altered correctly and airworthy with proper documentation?
- Are my seat belts, shoulder harness, and helmet in serviceable condition and properly strapped?
- Is spray equipment properly mounted, are procedures in place for changes in the field and another set of eyes to check for proper installation?
- Have I properly calculated fuel, weight and balance, performance, and recalculated as the day heats up or landing area conditions change?
- Using performance calculated, have I designated a go-no/go point for takeoffs?
- Have I thoroughly cleaned my aircraft of all corrosive agents when the job has been completed?
- Have I conducted an aircraft post flight and documented any discrepancies?
- Do I have appropriate and knowledgeable technical staff available to repair my aircraft and equipment?
- Have I repaired and documented all aircraft discrepancies in accordance with current manuals and regulations?
- Has a proper operational and/or flight test been conducted, if required?

### Environment ●

- Have I evaluated wind and weather effects for application drift and allowed a proper buffer?
- Is current and forecast weather adequate to provide safe and legal flight to/from and at the job site?
- Do I have situational awareness of all obstacles noted from pre-flight briefings and on-site reconnaissance?
- Have I satisfied my customer's needs in a safe manner both environmentally and aurally?
- Is loading equipment in good operating condition and personnel properly trained and licensed?
- Have I performed the required documentation upon completion of the spray job conducted?

