# WINGS Course Recommendations for Aerial Applicators

Prepared by NDAC on October 30, 2026

## Small unmanned aerial applicators

| Course | Application to agricultural operations |
|---|---|
| ALC-678 — sUAS Safety & Risk Mitigation | Assess each field for hazards; evaluate environmental and crew risks and use a flight risk assessment tool. |
| ALC-704 — sUAS Crew Resource Management | Clarify pilot, observer, and support roles; improve communication and preflight briefings. |
| ALC-723 — 10 Decision-Making Concepts for UAS Pilots | Strengthen go/no-go judgment and recognize pressures to continue an unsafe mission. |
| ALC-42 — Airspace, Special Use Airspace and TFRs | Assess operations near airports, restricted areas, and temporary flight restrictions. General aviation course. |
| ALC-322 — Aviation Weather Data: A Targeted Approach | Use aviation weather information in planning; supplement application-specific wind, inversion, and drift training. |

## Manned aerial applicators

| Course | Application to agricultural operations |
|---|---|
| ALC-80 — Essential Aerodynamics: Stalls, Spins, and Safety | Reinforce aerodynamic knowledge for low-altitude turns and adequate stall margins. |
| ALC-214 — Avoiding Loss of Control | Address loss-of-control risk where little altitude is available for recovery. |
| ALC-1462 — Terrain Ahead! Preventing CFIT Accidents | Strengthen terrain awareness and safe clearance during low-altitude operations. |
| ALC-554 — Engine Failure Emergency – Prevention and Survival Techniques | Prepare for power loss with limited altitude and landing options. |
| ALC-62 — Aeronautical Decision Making for VFR Pilots | Manage production pressure, deteriorating conditions, and decisions to discontinue a flight. |
| ALC-474 — NAFI PDP – Distraction Management & Cockpit Techniques | Manage guidance equipment, application controls, communications, and outside scanning. |
| ALC-322 — Aviation Weather Data: A Targeted Approach | Support weather assessment for application operations and ferry flights. |