UAS Calculations for Modern Aerial Dissemination

One-Day Workshop Schedule

Hour	Learning Objective
0	Introduction & Key Terms
1	sUAS Platform Selection
2	Basic Calculation Methods
3	Lunch
4	Advanced Calculations & Analysis
5	Flight Plan Development
6	MISO Product Integration
7	Practical Application & Review

Daily Schedule Breakdown

Morning Session

Hour 0: 09:00-09:50 - Introduction & Key Terms - Essential terminology in English and Spanish - Overview of workshop objectives - Doctrinal constants and their operational significance - (10 minute break follows)

Hour 1: 10:00-10:50 - sUAS Platform Selection - Platform capabilities and limitations analysis - Operational constraints evaluation - Security considerations assessment - (10 minute break follows)

Hour 2: 11:00-11:50 - Basic Calculation Methods - Descent time and forward drift calculations - Lateral wind drift determination - Application of Tables D-1 through D-3 - (10 minute break follows)

Lunch

Hour 3: 12:00-13:00 - Lunch Break

Afternoon Session

Hour 4: 13:00-13:50 - Advanced Calculations & Analysis - Compound drift metrics calculation - Dispersion pattern analysis - Leaflet density determination - (10 minute break follows)

Hour 5: 14:00-14:50 - Flight Plan Development - Release point determination - Flight path planning - Mission profile creation - (10 minute break follows)

Hour 6: 15:00-15:50 - MISO Product Integration - Product suitability evaluation - Design adaptation for SUAS delivery - Psychological impact optimization - (10 minute break follows)

Hour 7: 16:00-17:00 - Practical Application & Review - Complex operational scenario exercises - Comprehensive mission planning - Team-based problem solving - Final questions and clarifications

Workshop Summary

Total Instructional Time: 7.0 hours (420 minutes)

Assessment Criteria: - Knowledge checks: 90% accuracy required - Calculation exercises: 85% accuracy required - Practical applications: 80% accuracy required - Mission planning: Complete and accurate incorporation of all critical parameters

Note on Schedule Flexibility: The final hour includes structured practical application exercises and content review. This time allows for completion of complex scenarios, development of comprehensive mission plans, and team-based problem-solving activities.