

Defense Logistics Planning and Operational Sustainment Training Course

6 – 10 December 2026
Johannesburg

AGILE LEADERS
Training Center

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Ref: 2138_256580 **Date:** 6 – 10 December 2026 **Location:** Johannesburg **Fees:** 4500 Euro

Overview

Defense Logistics Planning and Operational Sustainment Training Course is a one-week intermediate course for defense logistics officers, military supply-chain planners, maintenance support managers, procurement liaison personnel, and readiness analysts, who leave with a Defense Logistics Support Plan. Participants integrate defense logistics planning, operational sustainment planning, military supply support, maintenance readiness planning, and defense inventory management with movement, contractor coordination, risk, and performance decisions. Agile Leaders Training Center presents defense logistics planning and operational sustainment.

Who Should Attend

- Personnel responsible for translating operational demand into logistics requirements
- Teams responsible for supply support, inventory positioning, and replenishment decisions
- Functions responsible for maintenance supportability and equipment readiness
- Personnel responsible for transportation, deployment, and distribution coordination
- Analysts responsible for logistics risk, performance, and readiness reporting

The course assumes participants can interpret operational requirements and logistics data, and it leaves classified planning, weapons instruction, country-specific doctrine, and procurement law outside its scope.

Departments and Industries

The course supports departments and sectors that coordinate readiness, supply, maintenance, movement, and contracted support.

- Defense logistics and sustainment functions
- Public-sector emergency support and civil protection logistics
- Supply and inventory management departments
- Maintenance and equipment support functions
- Transportation and distribution coordination units

Learning Objectives

By the end of this course, participants will be able to:

- Analyze mission demand and logistics requirements.
- Apply supply and inventory support methods.
- Build maintenance and movement arrangements.
- Prioritize sustainment risks and alternate support.
- Evaluate readiness and logistics performance.
- Build a Defense Logistics Support Plan.

Course Agenda

Day 1: Frame Defense Logistics Requirements

- Mission Demand and Support Requirement Map
- Defense Logistics Stakeholder and Responsibility Matrix
- Supply, Movement, and Maintenance Integration Model
- Readiness Baseline and Constraint Register
- Logistics Planning Assumption Log

Day 2: Plan Supply and Inventory Support

- Demand Forecast and Consumption Profile
- Inventory Positioning and Stock-Level Model
- Replenishment and Distribution Network Map
- Critical Item and Shortage Prioritization Matrix
- Asset Visibility and Inventory Control Dashboard

Day 3: Integrate Maintenance and Movement

- Maintenance Readiness and Supportability Plan
- Spare Parts and Repair Pipeline Map
- Transportation Capacity and Route Assessment
- Deployment and Redeployment Movement Schedule
- Supply-Maintenance-Transport Synchronization Board

Day 4: Manage Sustainment Risk and Performance

- Operational Sustainment Risk Register
- Contractor and Provider Coordination Matrix
- Contingency and Alternate Support Plan
- Readiness and Logistics Performance Scorecard
- Support Rehearsal and Decision Review

Day 5: Practice Defense Logistics Planning

- Suggested Exercise: Build a Mission Demand Profile
- Suggested Exercise: Position Critical Inventory
- Suggested Exercise: Synchronize Maintenance and Movement
- Suggested Exercise: Test a Sustainment Disruption Scenario
- Capstone Exercise: Complete a Defense Logistics Support Plan

Practical Exercises

The course uses suggested activities based on operational demand, inventory, maintenance, movement, and sustainment disruption scenarios.

- Suggested activity: convert mission demand, stakeholders, assumptions, and readiness constraints into a support requirement map.
- Suggested activity: forecast consumption and position critical inventory across a replenishment and distribution network.
- Suggested activity: synchronize spare parts, repair capacity, transportation, and deployment movement on one decision board.
- Suggested activity: test sustainment risks, alternate support, contractor coordination, and performance measures through a disruption scenario.

FAQs

Who suits defense logistics planning training, and what does it assume?

Defense logistics planning training suits personnel responsible for supply, inventory, maintenance support, movement, contractor coordination, and readiness analysis. It assumes experience interpreting operational requirements and logistics information.

How does defense logistics planning differ from commercial supply-chain training?

Defense logistics planning connects mission demand, readiness, maintenance, movement, deployment sustainment, and contingency support. Commercial supply-chain training generally focuses on market demand, customer service, cost, and commercial distribution.

What is operational sustainment planning?

Operational sustainment planning aligns supply, maintenance, transportation, services, providers, and contingencies with changing mission demand and readiness requirements.

How is maintenance readiness integrated with defense inventory management?

Maintenance readiness is integrated by linking failure demand, repair pipelines, spare-parts availability, technical capacity, transportation constraints, and readiness priorities in shared planning and performance controls.

Conclusion

Participants take back a Defense Logistics Support Plan. It combines mission demand, supply support, inventory positioning, maintenance readiness, movement, contractors, contingencies, risks, and performance measures. The plan changes disconnected logistics activity into a coordinated basis for sustaining operational readiness and making support decisions.