

# Functional Area 16 - Acquisition Logistics

**ASTM Contract N00174-95-D-0005:** ASTM, Inc. provided acquisition logistics support to NAVAIR PMA201, working with PMA 201 program executive officers, Indian Head (MD) logistics managers, Mechanicsburg (PA) inventory managers, and about 40 weapons departments and their squadrons in the reengineering of the CAD/PAD logistics programs - a NAVAIR program that serves all DOD services to provide essential aircraft parts (explosive component) that are critical to mission readiness. ASTM, Inc. analyzed the existing CAD/PAD CONUS logistics systems, developed AS-IS systems and process models, simulated and diagnosed the existing system behavior, and identified the root causes that contributed to the significant system deficiencies. ASTM, Inc. developed the TO-BE system and process models, worked with NAVAIR logistics personnel (from squadron level to executive level) and identified the ultimate solutions to this nation-wide logistics system. The work included survey question design, field data analysis, performance evaluation and risk assessment, requirement forecast, system capability and readiness assessment, optimum man power planning and budget allocation and evaluation of impact of decision-making. ASTM, Inc. worked with NAVAIR program managers side-by-side in the re-engineering of the CAP/PAD supply systems based on the final down-selected simulation process model which resulted in increased fleet readiness, great savings in logistics systems cost, and the reduction of acquisition cycle time from 60+ days to 7 days. DOD has awarded ASTM, Inc. the following for this work: Honorary Recognition from Captain J. Walsh, USN, Naval Service Warfare Center; Certificate of Excellence from Assistant Secretary of the Navy; Admiral Harold Stark Award from U.S. Navy; and as a participant and member in the CAD/PAD reengineering team that received the prestigious DOD's 2001 David Packard Award.