



# PERALES

## CONSULTING GROUP LLC

Prompt. Accurate. Focused

### OVERVIEW

Perales Consulting Group (PCG) is a veteran/minority-owned small business that began as a consulting firm in 2007 with the mission of providing integrated logistics support (ILS) to corporations that specialize in satellite communications (SATCOM). As an ILS subcontractor, PCG has teamed with several large organizations to perform on multi-year government and commercial contracts.

We specialize in supportability engineering, the development of materials for classroom and computer-based training, and the production of documentation such as Army technical manuals and Air Force technical orders.

### COMPANY INFO

**Small Business (Self-certified)**

**Minority-Owned Business**

**Certified Veteran-Owned Business**

**CAGE Code:**

- 6VOS1
- 545F9

**DUNS Number:**

- 078741959
- 807143024

**NAICS Codes:**

- 611430 Professional and Management Development
- 561410 Document Preparation Services
- 541614 Process, Physical Distribution, and Logistic
- 541330 Engineering Services



### PROGRAMS SUPPORTED

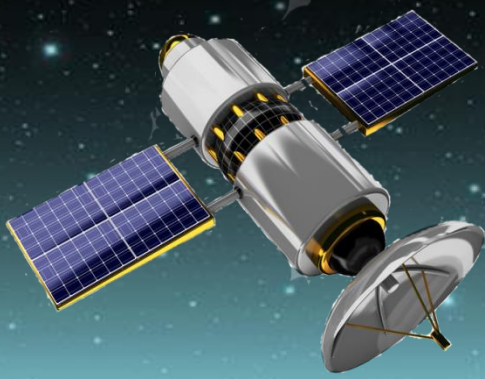
- Enhanced Polar System (EPS) Control and Planning Segment (CAPS)
- Long Term Satellite System (LTSS) Ground System
- Global Tactical Advanced Communications Systems (GTACS)
- Communication and Transmission Systems (CTS)
- Gokturk S/X-Band Antenna System
- Geostationary Operational Environment Satellites Replacement (GOES-R)
- Space Network Ground Segment Sustainment (SGSS)
- Space-Based Infrared Systems (SBIRS) Enhanced Multiband Modem (SEMM)
- T400 Channelizer Assembly

### KEY CONTACT

Wayne Perales, President/CEO 520.586.4420

[wayne.perales@peralesconsultinggroup.com](mailto:wayne.perales@peralesconsultinggroup.com)





## CAPABILITIES

PCG specializes in the following types of logistics engineering and document development services:

### INTEGRATED LOGISTICS SUPPORT (ILS)

- Plans, manages, and executes ILS programs, including:
  - Logistics engineering
  - Delivery of Contract Data Requirements List (CDRL) data items
  - Obsolescence mitigation strategies
  - Logistics support analysis
  - Provisioning technical documentation



### TRAINING

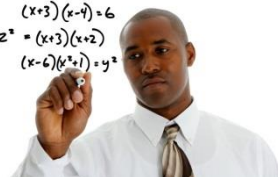
- Develops:
  - Computer-Based Training (CBT)
  - Classroom Instruction
  - Terminal and enabling learning objectives
  - Instructional media and student handouts
  - Task and skills analysis
  - Plans of instruction
  - Lesson plans



### RELIABILITY / MAINTAINABILITY

- Models reliability predictions
  - MIL-HDBK-217
  - Telcordia
- Develops:
  - Reliability block diagrams
  - Maintenance planning
  - Maintenance Allocation Charts (MAC)
  - Preventative maintenance instructions
  - Failure Modes, Effects, and Criticality Analysis (FMECA)

$$\begin{aligned} \log_3(x+2) + \log_3(x-2) &= 4 \\ (x+3)(x-1) &= 6 \\ z^2 &= (x+3)(x+2) \\ (x-6)(x^2+1) &= y^2 \end{aligned}$$



### TECHNICAL WRITING

- Prepares procedural documentation for systems and equipment components:
  - Army technical manuals
  - Air Force technical orders
  - Repair Parts and Special Tools Lists (RPSTL)
  - Illustrated Parts Breakdown (IPB)
  - Work instructions

