

# SPEARPOINT TRAINING GROUP

# LEM-1

## LAW ENFORCEMENT MANTRACKER - 1

**Course:** Law Enforcement Mantracker I (LEM-1)  
**CE Hours:** 24 hours  
**Instructor:** Ty Cunningham, Charles Graham, Michael Counts

**Synopsis:** Law Enforcement Mantracker – Level I is a 24 hour course designed to teach basic to advanced visual tracking TTPs (tactics, techniques and procedures) needed to successfully track individuals in a rural and urban environment. Whether the quarry is lost or a fleeing felon, LEM-1 provides the team-based tools needed to conduct tracking operations with “officer safety” at the forefront.

LEM-1 will begin with a review of terminology, dynamics of human movement (footprint & stride science), basic visual tracking techniques, individual lost spoor procedures and the basics of visually identifying & reading spoor across common mediums. LEM-1 then expands on the study of pressure releases, providing basic tools required for further deduction.

Students will complete a trailing performance evaluation to demonstrate an understanding of the fundamentals of visual tracking. Once the ground work has been laid and tested, students will be introduced to tracking team tactics, techniques and procedures. TTPs include formations, team member roles, hand & arm signals, apprehension tactics, and rural operational considerations.

As is standard with law enforcement tracking programs today, LEM-1 will introduce the strength of the combat/tactical Y and its variations for maximum officer safety during high risk tracking. However, CTT TTPs are largely based on the assumption that teams will have a minimum of 4 trained trackers available to conduct tracking operations, which isn't always practical or realistic based on Agency manpower. For that reason, LEM-1 focuses heavily on the employment of the SAS Track Pursuit Drill for 2-3 man teams.

Students will conduct several tracking scenarios based on actual Law Enforcement Tracking Operations.

**Day One:** Introduction to Essential Elements of Visual Tracking

### **Classroom:**

- **Why Tracking & the Value of the DOT in LE Operations**
- **Basic Tracking Terminology** - Understanding basic tracking terminology.
- **Basic Tracking Techniques** - Methods of visual tracking and essential elements common to all tracking.
- **Dynamics of a Footprint & Human Gait Analysis** - Understanding balance, propulsion (locomotion), and movement characteristics of the human quarry.
- **Forensic Identifiers of a Track** – Standards in documenting and reporting the Tread ID.

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### Spoor Pit:

- **Sun Angle (S-T-Y) Demonstration**
- **Shadow & Low Angle Light (Flashlight/Mirror) Demonstration**
- **Standard Track Measurement Review & Diagramming Exercise**
- **Quarry Height Assessment**
- **Standard Stride Measurement & Action Indicator Review**
- **Tracking Stick / Rifle Ruler Demonstration**
- **Techniques in Quarry Counting**
- **Basic Action Indicator Data - Creep, Walk, Jog, Run, Twist (Head Turns), Kneel, Seated, and Prone.**
- **Track Casting Kit Demonstration (If Supported)**
- **Tracking Scenarios & Guidelines in Processing**
- **Ericsson Method of Interpretation**
- **Step-by-Step Tracking & Cast Point Flagging for K9 Exercise (If Supported)**

### Day Two:

#### Essential Elements of Visual Tracking Continued

##### Classroom:

- **Tracking Indicators** – What to look for outside.
- **Tracking Rules**
- **Intro to Initial Commencement Point Procedures** – Acquiring the ICP from the PLS.
- **Intro to Lost Spoor Procedures** – Reacquiring the track.

##### Field Instruction:

- **Review of Lost Spoor Procedures (Solo Vs Team)**
- **Rural Terrain Lanes** - Sandy, Grassland, Slopes, Primary Forests, Secondary Forests, Rocky, and Wetland Lanes.
- **Micro Tracking Vs Macro Tracking Field Discussion**
- **Initial Commencement Point Exercise (No Threat)**

### Day Three:

#### Introduction to Team Tracking Techniques & Intermediate VT Techniques

##### Classroom:

- **Intro to SUAS Support**
- **Intro to Urban Tracking Applications**
- **SAS Scout/Track Pursuit Drill (1-3) Vs Rhodesian Y (4-5)**
- **Tracking Team Member Roles & Formations**
- **Basic Hand & Arm Signals**
- **Team-Based LSPs** – Steps for the Team to systematically reacquire the track-line.
- **Contact Basics** - On Line Vs L Shape (Base & Maneuver)
- **Intro to Track Support Element TTPs**

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### Field Instruction:

- **Team Formation Flow Drills** – Formations, Team LSPs & Contact.
- **Three Types of Contact & A3D (Announce, Direction, Distance, Description\*)**
- **Hand & Arm Signal Review & Applications**
- **SAS & RY Team Tracking Lanes** – Terrain Lanes as a Team (Terrain Transitions). Sandy, Grassland, Slopes, Primary Forests, Secondary Forests, Rocky, Wetland Lanes and Urban (Terrains As Applicable).
- **Intro to Backtracking** - for Self-Rescue, Evidence Recovery and Track Line Reconstruction.
- **Final Track (Team Track/Backtrack)**
- **Closing Discussions & Graduation**

*“There is no hunting like the hunting of man, and those who have hunted armed men long enough and liked it, never care for anything else thereafter.” - Hemingway*

