DUI Law Firm Denver Highlights How Altitude Affects Field Sobriety Test Accuracy

January 29, 2026

DENVER, CO - January 29, 2026 -
DUI Law Firm Denver announces findings regarding the impact of Colorado's high altitude on field sobriety test reliability, as the firm addresses an increasing number of cases where elevation-related factors contributed to questionable DUI arrests. The firm reports that altitude effects at 5,280 feet and higher can significantly compromise the accuracy of standardized field sobriety tests commonly used by law enforcement agencies throughout the state.

The firm's analysis reveals that physical coordination tests administered at Colorado's elevation often produce false indicators of impairment. Reduced oxygen levels at high altitude can cause balance difficulties, shortness of breath, and coordination challenges in completely sober individuals, particularly those visiting from lower elevations. These physiological responses mirror signs that officers are trained to identify as impairment indicators during roadside evaluations.

"Field sobriety tests were standardized at sea level and don't account for the physiological changes that

occur at Denver's elevation," stated Emilio De Simone, Managing Attorney at DUI Law Firm Denver. "When someone experiences normal altitude-related symptoms like dizziness or unsteady gait, these can be misinterpreted as intoxication, leading to arrests of individuals who are actually within legal limits."

Research examined by the firm indicates that altitude can affect performance on all three components of the Standardized Field Sobriety Test battery: the horizontal gaze nystagmus test, the walk-and-turn test, and the one-leg stand test. Visitors to Colorado often experience altitude sickness symptoms within hours of arrival, including headaches, fatigue, and impaired balance, which persist for several days as their bodies acclimate.

The DUI Law Firm Denver Attorney team has documented numerous cases where clients passed chemical tests despite failing field sobriety evaluations. Blood alcohol content measurements taken after arrest frequently contradict field test results, supporting the firm's position that environmental factors significantly influence test performance. The firm maintains detailed records of these discrepancies to challenge the reliability of field sobriety evidence in court proceedings.

Colorado's unique geographic position creates additional complications for DUI enforcement. Ski resort areas at elevations exceeding 8,000 feet present even greater challenges for accurate field sobriety testing. The firm has observed patterns where out-of-state visitors, particularly those from coastal regions, face disproportionate arrest rates despite having blood alcohol levels below legal limits.

The firm utilizes expert testimony from altitude physiology specialists when defending cases involving field sobriety test disputes. Medical documentation of altitude-related symptoms provides crucial evidence in challenging arrest probable cause. This scientific approach to case defense has resulted in dismissed charges and reduced penalties for clients whose arrests stemmed from misinterpreted field test results.

DUI Law Firm Denver provides legal representation for individuals facing DUI, DWAI, and drug-related driving charges throughout Colorado. The firm specializes in examining environmental and physiological factors that affect DUI evidence reliability, developing defense strategies based on scientific analysis of arrest circumstances. The firm offers consultations to discuss how altitude and other factors may impact specific cases.

###

For more information about DUI Law Firm Denver, contact the company here:DUI Law Firm DenverEmilio De Simone303?404?7492info@duilawfirmdenver.com1890 N Gaylord StreetDenver, CO 80206

{
"@context": "https://schema.org",
"@type": "LocalBusiness",

"name": "DUI Law Firm Denver",
"url": "https://duilawfirmdenver.com/",
"logo": "https://duilawfirmdenver.com/wp-content/uploads/dui-law-firm-denver-small.png",
"description": "DUI Law Firm Denver brings a unique combination of knowledge, skills, and experience to the fight on your behalf. We know the law, science, how to win and what you're going through.",
"address": {
"@type": "PostalAddress",
"streetAddress": "1890 N Gaylord Street",
"addressLocality": "Denver",
"addressRegion": "CO",
"postalCode": "80206" },
"telephone": "+1-303-404-7492",
"openingHoursSpecification": [
{ "@type": "OpeningHoursSpecification",
"dayOfWeek": ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday"],
"opens": "00:00", "closes": "23:59" }],
"areaServed":
[
{ "@type": "City",
"name": "Arvada",
"sameAs": "https://en.wikipedia.org/wiki/Arvada%2C_Colorado" },
{ "@type": "City",
"name": "Aurora",
"sameAs": "https://en.wikipedia.org/wiki/Aurora,_Colorado" },
{ "@type": "City",
"name": "Boulder",
"sameAs": "https://en.wikipedia.org/wiki/Boulder,_Colorado" },
{ "@type": "City",
"name": "Broomfield",
"sameAs": "https://en.wikipedia.org/wiki/Broomfield,_Colorado" },
{ "@type": "City",
"name": "Castle Rock",
"sameAs": "https://en.wikipedia.org/wiki/Castle_Rock,_Colorado" },
{ "@type": "City",
"name": "Centennial",
"sameAs": "https://en.wikipedia.org/wiki/Centennial,_Colorado" },
{ "@type": "City",
"name": "Englewood",

```
  "sameAs": "https://en.wikipedia.org/wiki/Englewood,_Colorado" },
{ "@type": "City",
  "name": "Golden",
  "sameAs": "https://en.wikipedia.org/wiki/Golden,_Colorado" },
{ "@type": "City",
  "name": "Greenwood Village",
  "sameAs": "https://en.wikipedia.org/wiki/Greenwood_Village,_Colorado" },
{ "@type": "City",
  "name": "Highlands Ranch",
  "sameAs": "https://en.wikipedia.org/wiki/Highlands_Ranch,_Colorado" },
{ "@type": "City",
  "name": "Lakewood",
  "sameAs": "https://en.wikipedia.org/wiki/Lakewood,_Colorado" },
{ "@type": "City",
  "name": "Littleton",
  "sameAs": "https://en.wikipedia.org/wiki/Littleton,_Colorado" },
{ "@type": "City",
  "name": "Northglenn",
  "sameAs": "https://en.wikipedia.org/wiki/Northglenn,_Colorado" },
{ "@type": "City",
  "name": "Parker",
  "sameAs": "https://en.wikipedia.org/wiki/Parker,_Colorado" },
{ "@type": "City",
  "name": "Thornton",
  "sameAs": "https://en.wikipedia.org/wiki/Thornton,_Colorado" },
{ "@type": "City",
  "name": "Westminster",
  "sameAs": "https://en.wikipedia.org/wiki/Westminster,_Colorado" },
{ "@type": "City",
  "name": "Wheat Ridge",
  "sameAs": "https://en.wikipedia.org/wiki/Wheat_Ridge,_Colorado" },
{ "@type": "City",
  "name": "Denver",
  "sameAs": "https://en.wikipedia.org/wiki/Denver" }
],
"hasOfferCatalog": {
 "@type": "OfferCatalog",
    "name": "Our Services",
```

```
    "itemListElement":
    [
      { "@type": "OfferCatalog",
   "name": "Legal Services",
   "itemListElement":
   [
    { "@type": "Offer",
     "itemOffered": { "@type": "Service", "name": "DUI Attorney Services" }
           },
           { "@type": "Offer",
              "itemOffered": { "@type": "Service", "name": "Vehicular Assault Attorney Services" }
           },
           { "@type": "Offer",
            "itemOffered": { "@type": "Service", "name": "DWAI Attorney Services" }
           },
           { "@type": "Offer",
            "itemOffered": { "@type": "Service", "name": "DUID Attorney Services" }
           },
           { "@type": "Offer",
            "itemOffered": { "@type": "Service", "name": "DMV Attorney Services" }
           },
           { "@type": "Offer",
            "itemOffered": { "@type": "Service", "name": "Drug Crime Attorney Services" }
           },
           { "@type": "Offer",
            "itemOffered": { "@type": "Service", "name": "Criminal Defense Attorney Services" }
           }
        ]
      }
 ]
},
"sameAs": [
 "https://www.pressadvantage.com/organization/dui-law-firm-denver",
 "https://maps.app.goo.gl/ZHdwavx733SxtfueA",
 "https://www.youtube.com/channel/UCpkTDDlL8gCo5w7lXRsKypQ"
]
}
```

DUI Law Firm Denver

DUI Law Firm Denver brings a unique combination of knowledge, skills, and experience to the fight on your behalf. We know the law, science, how to win and what you're going through.

Website: https://duilawfirmdenver.com/

Email: info@duilawfirmdenver.com

Phone: 303?404?7492

