

aviation investigations

Our Aviation Investigations group brings together professionals with experience in mechanical engineering, materials science, metallurgy, aviation safety and flying commercial aircraft to investigate the causes of airplane and helicopter incidents.

Our multidisciplinary group is able to consider all possible contributing factors, from the actions of the flight crew through to the microscopic defects inside a failed component. This capability provides our clients with a complete picture of the multiple factors responsible for many aviation events.

Our aviation investigations frequently include evidence examination and custody in addition to testing and laboratory analyses for:

Operational and Procedural Evaluations:

FAA operating rules and airworthiness standards

Certification and maintenance compliance

Air Traffic Control procedures and clearances

Human Factors

Airspace requirements

Pilot training and evaluation

Aircraft loss-of-control, emergency procedures and landings


Weight and balance, fueling and loading procedures

Adverse weather and high-altitude meteorology

expertise contact

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 Vancouver

associated professionals

los angeles

Vickie Norton

toronto

Dennis Turriff

Design, Manufacturing, and Maintenance Defects:

Internal combustion and turbine engines

Airframe and control surfaces

Gearboxes

Metallurgy

Friction & wear

Fractography

Stress analysis

Corrosion
