

The CMAS[©] Database

**More complete than FAA, NTSB or industry statistics,
CMAS is a comprehensive database of accidents, incidents and events in
EMS aviation in the United States**



CMAS is a **Comprehensive Medical Aviation Safety** database. It consists of more than 600 distinct entries culled from twenty-one years of medical aviation operations. Each entry contains dozens of parameters allowing for searches on specific safety issues. Individual parameters can be combined for a more detailed understanding of contributing factors.

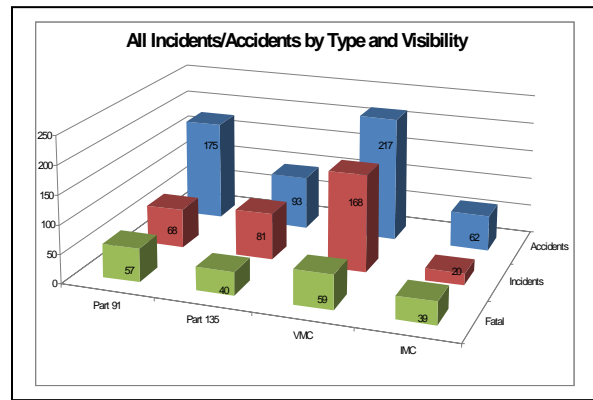
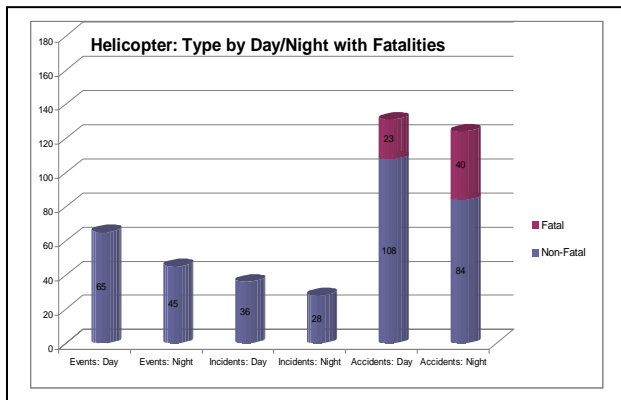
Using the safety research and analysis from Patrick Veillette's provocative 2001 reports on helicopter and fixed wing medical flights for the Flight Safety Foundation, Dr. Veillette and Christine Negroni have updated and expanded their sources to include not only government data but events recorded by industry as well. This is the only database integrating reports from so many sources making it the most complete statistical record of EMS aviation in the United States.

Supporting material for each entry was read, analyzed and standardized. The data can be examined together or sorted in any number of ways.

How information can be searched

- Operator
- Tail number
- Location
- Injuries
- Pilot hours
- Pilot time on type
- Weather factors
- Mechanical factors
- Phase of flight
- Aircraft/engine manufacturer
- NTSB probable cause
- Fatalities
- Patient onboard
- Federal regulation of flight
- Landing zone
- Fuel starvation
- Safety equipment on board
- Obstacles

How information can be displayed



The CMAS database allows for search of accidents AND/OR incidents AND/OR events. Because important safety lessons are learned from the *accidents that didn't happen* the inclusion of incidents and events makes the CMAS database so rich.

CMAS is a proprietary commercial database available on a cost per-hour basis through Humanitarian Research Services, Inc. HRSI assists in the formulation of search inquiries, provides responsive statistics, tables and graphics and a written report and analysis.

Dr. Veillette is a commercial pilot, former EMS pilot and noted threat and error management specialist. His awards include the NBAA Golden Wing and Aerospace Journalist of the Year.

Christine Negroni is an air safety specialist, researcher and writer.

HRSI is a private investigation and research company based in New York.