

## **ToxFlo Description and Data Dictionary**

ToxFlo is a system developed using Microsoft Access, suited to the needs of BSRB Forensic Sciences. To accomplish the Lab's mission of conducting toxicological analyses, the system allows entry and security of demographics and analytical information related to investigations into accidents involving primarily aircraft, but also includes accidents from other modes of transportation, when needed.

Information from NTSB investigators, local ME/coronors, DIWS, and the FAA autopsy group are entered into ToxFlo, with a unique CAMI case number. Case samples are received, inventoried, and analyzed, preserving chain of custody and analytical results. A final toxicology report, which goes to all authorized, interested parties, is generated from the information stored in ToxFlo.

All information stored in ToxFlo is also used for research and queries, which in turn is used to improve aviation safety through changes in safety procedures, rules, and regulations.

## ToxFlo Data Dictionary

Data field	Description	Data information
Drug/Qty/Units	Drug(s) found	Drug found by CAMI lab
Specimens	inventory of specimens (type, amount, condition)	Inventoried when the ToxBox is received.
Case Number	CAMI case # (yr/#/victim#)	Assigned when ToxBox is received.
NTSB Number	NTSB investigation #	NTSB Carol Database
Accident Date	Date of accident	Call Sheet, NTSB Accident Notification, and FileHold
Location	Location of accident	Call Sheet and NTSB Accident Notification
Pilot Level	pilot level	DIWS
Pilot Class	pilot class	DIWS
CFR	CFR	NTSB Preliminary Report
Fatal/Nonfatal	fatal or nonfatal	Call Sheet, NTSB Accident Notification, and FileHold
Status	pilot, passenger, etc	Call Sheet and NTSB Accident Notification
Suspect Drugs	reported medications/drugs for victim	DIWS
Pathologies	reported diagnoses for victim	DIWS
Subject Name	name of victim	Call Sheet, NTSB Accident Notification, and FileHold
DOB	date of birth	Call Sheet, NTSB Accident Notification, and FileHold
Received Date	Date lab received the specimens	Chain of Custody
Date Destroyed	Date lab destroyed the specimens	Case specimens destroyed
Mailed Final	Final report mailing date	Final report is mailed out from us to NTSB, FAA, and Coroner or ME
Mode Of Transport	aviation, pipeline, highway, etc	Call Sheet, NTSB Accident Notification, and FileHold
ME Case #	Case # assigned by originating ME	Call Sheet, NTSB Accident Notification, and FileHold
DIWS SSN	SSN or DIWS assigned SSN	DIWS (note, sometimes we get victim real SSN)
Last Physical	Last aviation physical performed	DIWS
Gender	gender	Call Sheet, NTSB Accident Notification, and FileHold
N#	ID# for plane	NTSB Accident Notification
Aircraft Type	aircraft type	Associated with N#
Fire Status	fire/no fire	Call Sheet and NTSB Accident Notification
Received From	person who delivered case to lab.	Chain of Custody