TSB investigation process

OCCURRENCE

Assessment
We determine if a formal investigation is warranted and what safety issues can be explored

Deployment
A team is usually sent to assess the occurrence and Communications informs the public

Notification
The TSB is notified of the occurrence

FIELD PHASE

Inform
Communications launches active investigation page at tsb.gc.ca

Secure
Investigators secure and examine the site and equipment

Interview
We interview witnesses, company and government officials

Select
We remove wreckage and documentation for further examination

EXAMINATION AND ANALYSIS PHASE

Analyze
We analyze other data to reconstruct events to find out why it happened

Sequence
We determine the sequence of events to identify what happened

Test
Our lab examines select wreckage and tests components and systems

Review
We review recorders, medical reports and conduct further interviews

REPORT PHASE

Draft
An investigation report is drafted

Review
Draft is reviewed by the Board and is approved or sent back

Comment
Once the draft report is approved, it is sent to designated reviewers

Finalize
Board finalizes report, drafts recommendations if required - approves report

RELEASE

The TSB does not wait until its investigation is complete or the final report is published to make important safety information public. If, at any stage of the investigation, we identify safety deficiencies, we inform those who can address the problem right away.

Once the Board approves the final report, it is translated, edited, and then released to the public on the TSB website and through traditional and social media.

Once we conduct a full investigation when it can advance transportation safety. We also monitor occurrence statistics to identify trends and emerging safety issues.