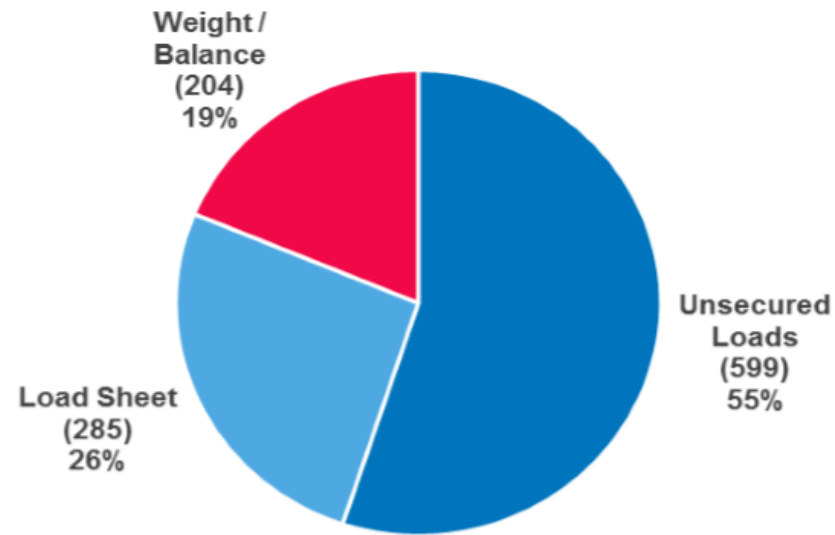


In-depth Analysis - The Issues

[All Reports](#)[In-depth Analysis](#)[Unsecured Loads](#)[Load Sheet](#)[Weight / Balance](#)

- The random data sample of 1088 reports was broken down into 3 categories of aircraft loading problems
- **Unsecured Loads:** The loads were not secured due to OPS handling, procedures not followed, or faulty equipment.
- **Load Sheet:** Errors in the load sheet for departure due to load sheet preparation procedures not being followed.
- **Weight / Balance:** Undesired change in weight / balance due to documentation errors.



Unsecured Loads – 599 reports



- All Reports
- In-depth Analysis
- Unsecured Loads**
- Load Sheet
- Weight / Balance



Source: STEADES members



Weight and Balance – 204 reports

All Reports

In-depth Analysis

Unsecured Loads

Load Sheet

 Weight / Balance



Source: STEADES member



Load sheet Error – 285 reports

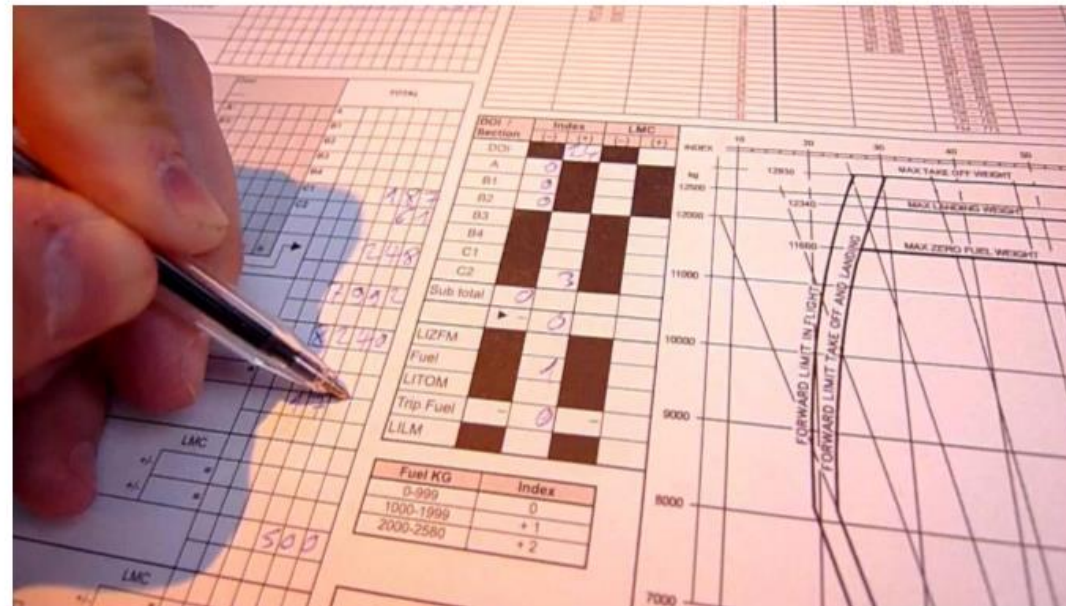
All Reports

In-depth Analysis

Unsecured Loads

Load Sheet

Weight / Balance

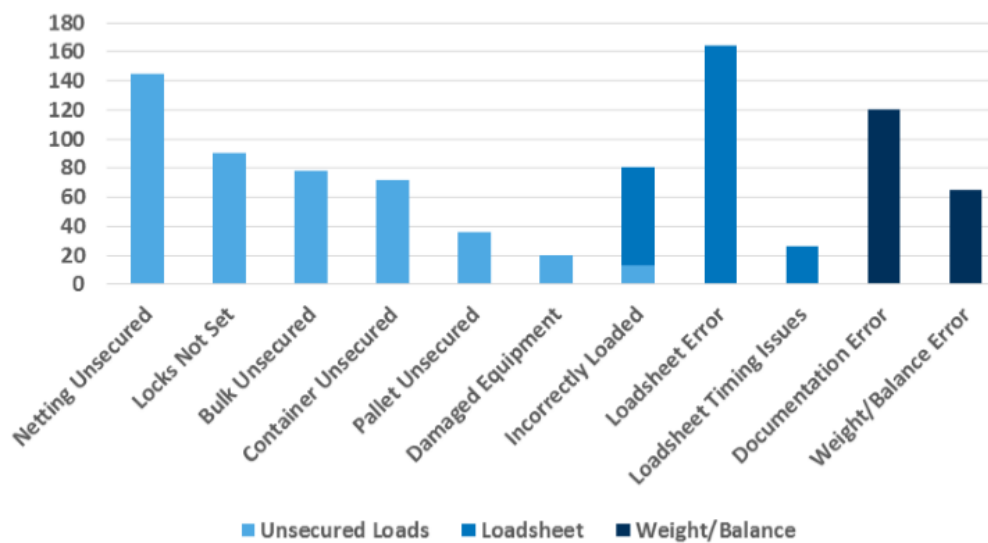


Source: <https://www.youtube.com/watch?v=gD8THOLSa4A>



Top Issues Identified

- All Reports
- In-depth Analysis**
- Unsecured Loads
- Load Sheet
- Weight / Balance



Issues Identified – Pallet/Container

All Reports

In-depth Analysis

Unsecured Loads

Load Sheet

Weight / Balance

➤ Example Images – Pallet Unsecured



Source: STEADES member



Issues Identified – Pallet/Container

[All Reports](#)[In-depth Analysis](#)[Unsecured Loads](#)[Load Sheet](#)[Weight / Balance](#)

➤ Example Image – Damaged Equipment



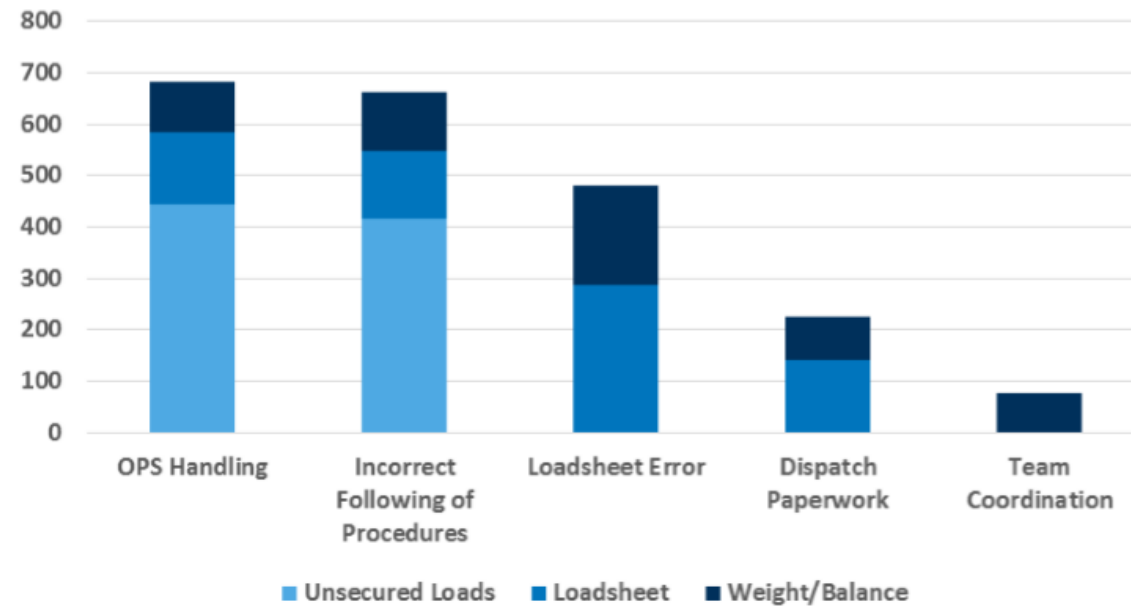
Source: STEADES member

- Example Report Narrative – No-Fit
“Container *** at position 25R was not secured. Locks not raised and container shifted forward between position 25R and 24R. Position 11P to 24L/R were no-fit.”



Errors

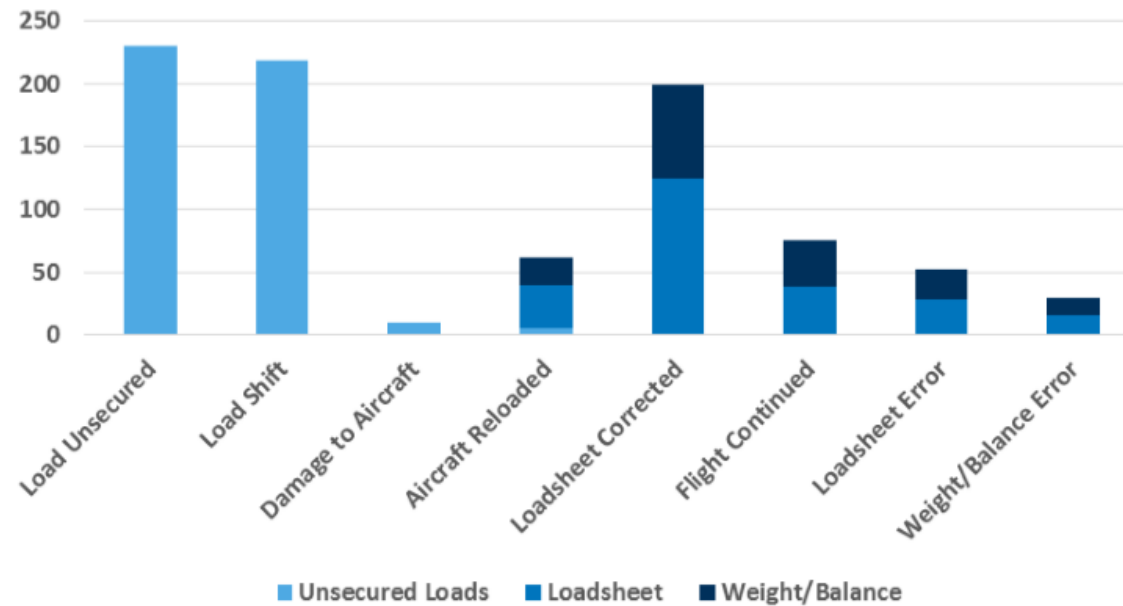
- All Reports
- In-depth Analysis**
- Unsecured Loads
- Load Sheet
- Weight / Balance





Top Outcomes

- All Reports
- In-depth Analysis**
- Unsecured Loads
- Load Sheet
- Weight / Balance





Summary

- The majority of the undesired aircraft states were due to ground crew not correctly following procedures.
- The lack of counter measures present and the fact that most unsecured loads and load shifts were discovered upon arrival indicate that there is a failure in either the loading systems used or the loading culture present.
- It can be assumed that due to the fact that the majority of events were discovered on arrival, that there is a failing in the issuing of the final ramp clearance for departure.



- All Reports
- In-depth Analysis
- Unsecured Loads
- Load Sheet
- Weight / Balance