Report on LHD Mitigation within the Georgetown FIR from 2024 to Date

Mitigating Large Height Deviations

Progress since 2024 through surveillance, digital coordination and active discrepancy alerting

2015

ADS-B-based area control surveillance began

2

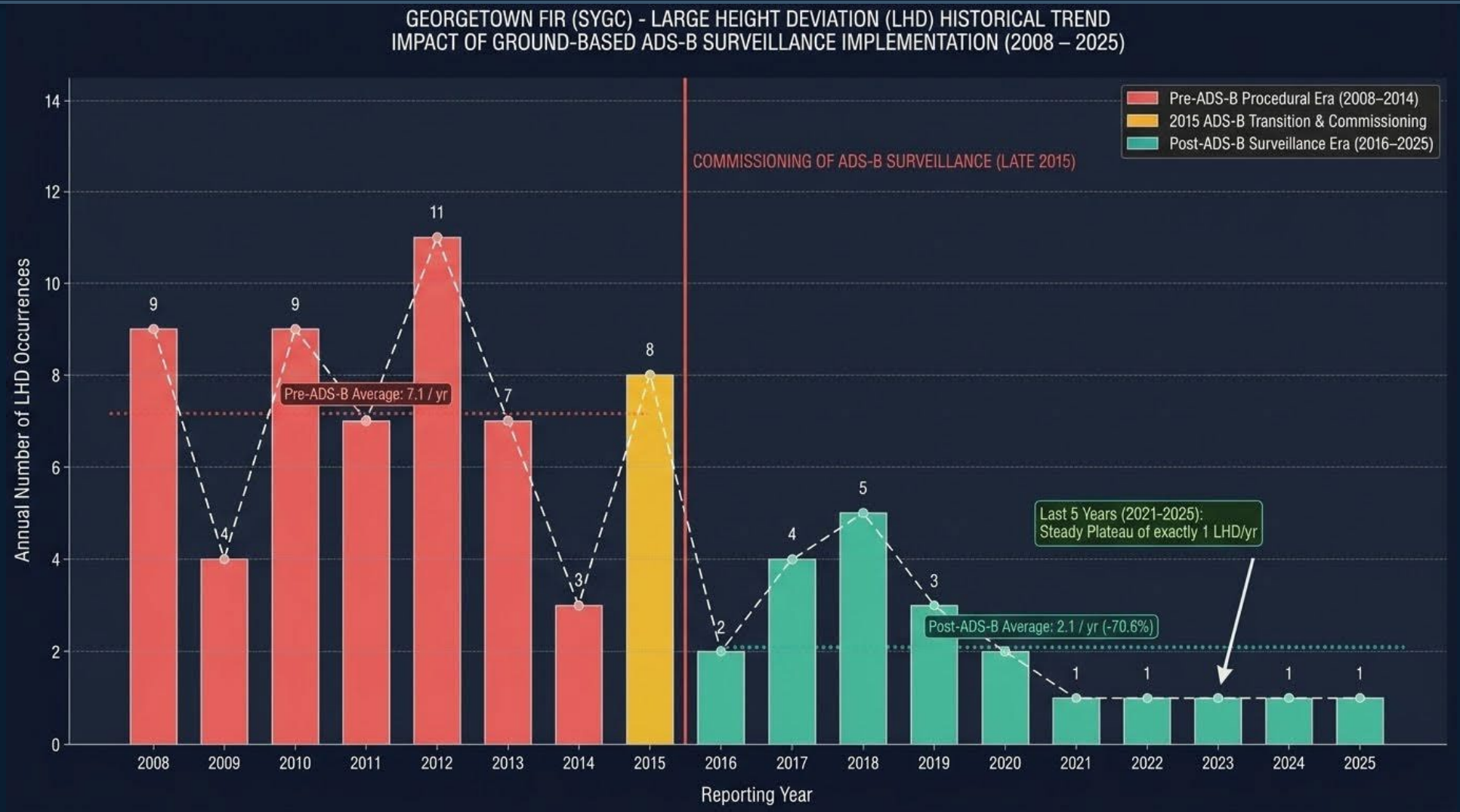
LHD occurrences reported for 2024–2025

4

Adjacent FIRs coordinated procedurally

GTE/26 | Agenda Item 3.5: LHD event management and reduction

Mitigating Large Height Deviations



LHD performance and operational context

REPORTED LHD EVENTS

2024	1
2025	1

2 isolated events across 2024–2025

OPERATING ENVIRONMENT

- ADS-B surveillance service within Georgetown FIR
- Procedural transfer coordination with Piarco, Maiquetía, Amazônica and Paramaribo FIRs
- Monthly CARSAMMA LHD reporting, including NIL returns
- USOAP CMA ANS PQ 7.117 closed following the 2024 audit

The paper describes a sustained downward trend; it does not provide a complete annual time series or a 2026 event total.

Barrier 1 | Electronic coordination log

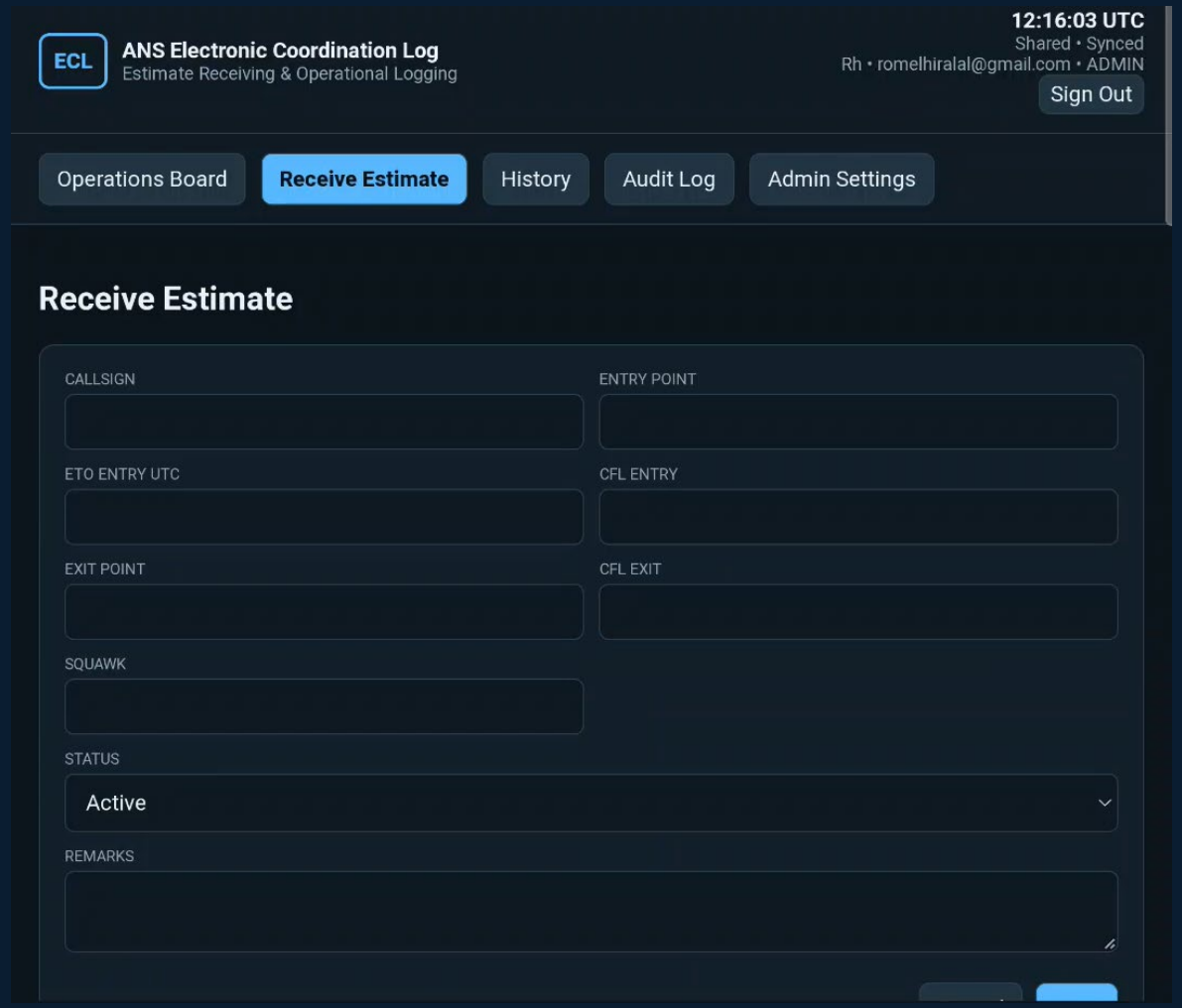


FROM PAPER TO A LIVE DIGITAL VIEW

- Dedicated tablet-based electronic coordination log
- Visibility of pending transfer estimates and coordinated parameters
- Intended to reduce transcription errors and coordination delays
- Earlier recognition of possible level or boundary conflicts

Status: operational trial; benefits described as preliminary feedback.

Barrier 1 | Electronic coordination log – conflict alerting



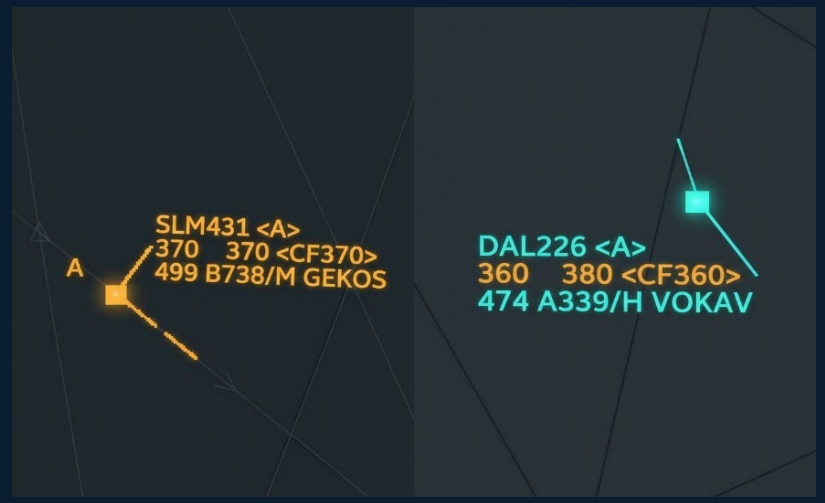
- System alert generated based on coordinated information – level, time, ETA over fix/waypoint
- Alert requires controller intervention followed by log amendment to resolve

Status: operational trial; benefits described as preliminary feedback.

AUTOMATED VISUAL CHECK

Barrier 2 | ATM label level-discrepancy alert





BLUE • Westbound / even levels

AMBER • Level discrepancy / transition

Label compares actual flight level (AFL), cleared flight level (CFL) and coordinated flight level (CF).

When levels differ, the alert prompts reconciliation or revised adjacent-unit coordination before the transfer waypoint.

KEY TAKEAWAYS

Layered mitigation and action by the meeting

01 SURVEILLANCE

ADS-B-based area control surveillance

02 COORDINATION

Electronic log trial for transfer estimates

03 VERIFICATION

AFL / CFL / CF label discrepancy alerts

THE WORKING GROUP IS INVITED TO

- Note the operational information, LHD data and reported reduction trend
- Acknowledge the electronic-log trial and automated label alerts as proactive barriers
- Provide guidance and feedback, as appropriate

Source: Guyana GTE/26 Information Paper, “Report on LHD Mitigation within the Georgetown FIR from 2024 to Date.”