

8/28/2025

FOR YOUR INFORMATION

2025-217/6-22

2263617

To: FAA (AFS-260)

Info: FAA (AFS-200, AVP-1, AVP-200, AAS-300, ATSG, AFA, ALPA, IFALPA, APA, APFA, ASAP, A4A, IATA, CAPA, ICAO, ICASS, IPA, NTSB, RAA, SWAPA)

From: Becky L. Hooey, Director
NASA Aviation Safety Reporting System

Re: ADS-B Mismatch Issues

We recently received ASRS reports describing a safety concern that may involve your area of operational responsibility. We do not have sufficient details to assess either the factual accuracy or possible gravity of the report. It is our policy to relay the reported information to the appropriate authority for evaluation and any necessary follow-up. We feel you should be aware of the enclosed deidentified report.

To properly assess the usefulness of our alert message service, we would appreciate it if you would take the time to give us your feedback on the value of the information that we have provided. Please contact Dr. Becky Hooey at (408) 541-2854 or email at becky.l.hooey@nasa.gov.



Aviation Safety Reporting System
P.O. Box 189 | Moffett Field, CA | 94035-0189



ACN 2263617

DATE / TIME

Date of Occurrence	202506
Local Time Of Day	1801 to 2400

AIRCRAFT / EQUIPMENT X

Make Model Name	Commercial Fixed Wing
Operating Under FAR Part	121

PERSON 1

Function - Flight Crew	Captain
ASRS Report Number	2263617

PERSON 2

Function - Flight Crew	Captain
ASRS Report Number	2263625

EVENTS

Anomaly	ATC Issue - All Types
Anomaly	Deviation / Discrepancy - Procedural - FAR
Anomaly	Deviation / Discrepancy - Procedural - Published Material / Policy
Detector - Automation	Aircraft Other Automation
Detector - Person	Air Traffic Control

NARRATIVE 1

Got an email notification from Company of a possible ADS-B mismatch. This type mismatch seems to happen when ATC changes our squawk code in the air. This is some sort of FAA computer glitch, it was correct in the aircraft. We check and double-check the code using the checklist and this was our second leg in the same aircraft, making it even less likely it was the crew.

Cause: This code mismatch keeps happening and is FAA-caused and is wasting our flight crews' time filling out needless paperwork. There needs to be a better FAA computer tracking system and it has become routine for ATC to change our code multiple times in a single flight.

Suggestions: Better FAA computer system to avoid this.

NARRATIVE 2

[Report narrative contained no additional information.]

SYNOPSIS

Air carrier Captain reported being notified of an ADS-B mismatch and noted that a possible cause of this recurring problem is an FAA computer glitch.