



U.S. Department of Transportation Federal Aviation Administration ADS-B Performance Monitor

Public ADS-B Performance Report

Broadcast ICAO: A00C9A (50006232)

Tail Number: N102EV

ADS-B ID: 102EV

Period: 05-14-2020 13:40:41 to 05-14-2020 14:48:41

Flight Plan ID: N102EV

Operation Analysis Overview

	Analysis
Airborne 1090	<input type="checkbox"/>
Surface 1090	<input type="checkbox"/>
Surface RWY/Taxi 1090	<input type="checkbox"/>
Airborne UAT	<input checked="" type="checkbox"/>
Surface UAT	<input type="checkbox"/>
Surface RWY/Taxi UAT	<input type="checkbox"/>

Prepared By

**Surveillance and Broadcast Services (SBS) Program
ADS-B Performance Monitor**

May 14, 2020

Note: Items high-lighted in red within this report indicate the ADS-B Out system installed on this aircraft failed to meet the corresponding performance requirement as specified in § 91.227.

For more information on this report, reference the [User's Guide](#).

Operation Summary

Operation Id: 426197385 **Start Time:** 05-14-2020 13:40:41 **End Time:** 05-14-2020 14:48:41
Broadcast ICAO: A00C9A (50006232) **Duration:** 01:07:59 **Mod:** 01:07:59 **Rule:** 00:02:08
Tail Number: N102EV **Reports:** 38940 **Best Msg:** 4037 **TIS-B Client:** 94.1%
Country: United States - Civil **Stationary:** No **Baro Alt (ft):** 100 - 2500

Detection: Airborne Surface

Link Version: 2 **Out Capability:** UAT **In Capability:** DUAL
Flight Id: 102EV
Operator:

Airborne UAT Analysis Summary

Start Time: 05-14-2020 13:40:41 **End Time:** 05-14-2020 14:48:41 **Total Reports:** 38940
Duration(s): 01:07:59 **Mod:** 01:07:59 **Rule:** 00:02:08 **Processed Reports:** 4007

Link Version: 2 **Out Capability:** UAT **In Capability:** DUAL
Emitter Category: 1 - Light (<15,500lbs) **Antenna(s):** 1 - Single
Flight Id: 102EV

Exceptions:

NIC	NACp	NACv	SIL	SDA
No	No	No	No	No

Missing Elements

Category	NACp	NACv	Vel	Flight Id	Mode 3A	Emit Cat	Baro Alt	Geo Alt
% Fail	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Max dT	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00
MCF	0	0	0	0	0	0	0	0

Integrity & Accuracy

Category	NIC	NACp	NACv	SIL	SDA
% Fail	0.00%	0.00%	0.00%	0.00%	0.00%
Max dT	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00
MCF	0	0	0	0	0

Category	NIC	NACp	NACv	SIL	SDA
Avg	8.4	9.2	1.0	3.0	2.0
Min	8	9	1	3	2
Max	10	10	1	3	2

Kinematics

	Velocity	Position Δ
% Fail	0.00%	0.00%
MCF	0	0

Baro Alt	Baro Alt Δ	Geo Alt	Geo Alt Δ
0.00%	0.00%	0.00%	0.00%
0	0	0	0

Other Checks

	Emitter Cat	Mode 3A
% Fail	0.00%	0.00%
Max dT	00:00:00	00:00:00
MCF	0	0

	Flight ID	Tail # Mismatch	Non-US	No "N"	Only "N"	Partial	Spaces	All Spaces	Illegal Char	Unavail Char	FP ID Mismatch
% Fail	100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Max dT	01:07:29	00:00:00	00:00:00	01:07:29	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	
MCF	4007	0	0	4007	0	0	0	0	0	0	

	Air on Ground
% Fail	0.00%
Max dT	00:00:00
MCF	0

Note: The above FP ID Mismatch field can be disregarded when no flight plan was filed for the associated flight.

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