



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

Public ADS-B Performance Report

Broadcast ICAO: A99322 (52311442)

Tail Number: N716JC

Flight Id: N716JC

Period: 02-12-2020 17:02:17 to 02-12-2020 17:43:48

Operation Analysis Overview

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

February 12, 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: 420608321 **Start Time:** 02-12-2020 17:02:17 **End Time:** 02-12-2020 17:43:48
Broadcast ICAO: A99322 (52311442) **Duration:** 00:41:31 **Mod:** 00:38:14 **Rule:** 00:32:02
Tail Number: N716JC **Reports:** 13183 **Best Msg:** 1003 **TIS-B Client:** 93.1%
Country: United States - Civil **Stationary:** No **Baro Alt (ft):** 550 - 3700

Detection: ☒ **Airborne** ☐ **Surface**

Link Version: 2 **Out Capability:** 1090 **In Capability:** DUAL
Flight Id: N716JC
Operator:

Airborne 1090 Analysis Summary

Start Time: 02-12-2020 17:02:17

End Time: 02-12-2020 17:43:48

Total Reports: 13183

Duration(s): 00:41:31

Mod: 00:38:14

Rule: 00:14:23

Processed Reports: 1003

Link Version: 2

Out Capability: 1090

In Capability: DUAL

Emitter Category: 1 - Light (<15,500lbs)

Antenna(s): 1 - Single

Flight Id: N716JC

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	10.0	10.0	2.0	3.0	2.0
Min	8	10	2	3	2
Max	10	10	2	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	0.00%	0.00%	0.00%	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	00:00:00	00:00:00	
MCF	0	0	0	0	0	0	0	0	0	0	

	Air on Ground
% Fail	37.51%
Max dT	00:08:53
MCF	379

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

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