



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

Public ADS-B Performance Report

Broadcast ICAO: A98731 (52303461)

Tail Number: N713

ADS-B ID: N713

Period: 08/22/2023 00:26:57 - 08/22/2023 01:17:08

Flight Plan ID:

Operation Analysis Overview

Analysis

Airborne 1090



Airborne UAT



Surface 1090



Surface UAT



Prepared By

Surveillance and Broadcast Services (SBS) Program

ADS-B Performance Monitor

August 23, 2023

Note: Items highlighted 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: 525163978 **Start Time:** 08/22/2023 00:26:57 **End Time:** 08/22/2023 01:17:08

Broadcast ICAO: A98731 (52303461) **Duration:** 00:50:11 **Reports:** 38402
Tail Number: N713 **Dur Modified:** 00:50:09 **Best Msg:** 3359
Dur in Rule: 00:24:58

Stationary: No **TIS-B Client:** 58.9 % **Baro Alt (ft):** 50 - 4175

Country: United States - Civil

Detection: Airborne Surface

Link Version: 2 **Out Capability:** 1090
Flight ID: N713 **In Capability:** DUAL
Operator (3LD): **Length Width Code:**

Airborne 1090 Analysis Summary

Start Time: 08/22/2023 00:26:57
End Time: 08/22/2023 01:17:08

Duration: 0:50:11
Dur Modified: 0:50:09
Dur in Rule: 0:24:58

Total Reports: 38402
Processed Reports: 3327

Reported ICAO Address: A98731 (52303461)

Tail Number: N713

Link Version: 2

Out Capability: 1090

In Capability: DUAL

Flight ID: N713

Vert Velocity Baro
 Vert Velocity Geo

Antenna(s): Single
SILsupp: 0

Emitter Category: 1 - Light

Exceptions:

NIC	NACp	NACv	SIL	SDA
No	No	No	No	No

Missing Elements

Category	NACp	NACv	Vel	Flight Id	Mode 3A	Emit Cat	BAlt	Galt
% Fail	0.00%	0.03%	0.00%	0.03%	0.00%	0.03%	0.00%	0.00%
Max dT	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00
MCF	0	1	0	1	0	1	0	0

Integrity & Accuracy

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

Category	NIC	NACp	NACv	SIL	SDA
Avg	9.0	10.0	2.0	3.0	2.0
Min	9	10	2	3	2
Max	9	10	2	3	2

Kinematics

Category	Velocity	Position Δ	Baro Alt	Baro Alt Δ	Geo Alt	Geo Alt Δ
% Fail	0%	0%	0%	0%	0%	0%
MCF	0	0	0	0	0	0

Other Checks

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

Category	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	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	
MCF	0	0	0	0	0	0	0	0	0	0	

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

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