



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

Public ADS-B Performance Report

Broadcast ICAO: A00492 (50002222)

Tail Number: N10YS

ADS-B ID: N10YS

Period: 11/02/2024 20:48:04 - 11/02/2024 21:12:37

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

November 06, 2024

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: 570430963 **Start Time:** 11/02/2024 20:48:04 **End Time:** 11/02/2024 21:12:37

Broadcast ICAO: A00492 (50002222) **Duration:** 00:24:33 **Reports:** 6076

Tail Number: N10YS **Dur Modified:** 00:24:32 **Best Msg:** 1437
Dur in Rule: 00:00:00

Stationary: No **TIS-B Client:** 95.1% **Baro Alt (ft):** 650 - 4175

Country: United States - Civil

Detection: ☒ Airborne ☐ Surface

Link Version: 2 **Out Capability:** 1090

Flight ID: N10YS **In Capability:** UAT

Operator (3LD): **Length Width Code:**

Airborne 1090 Analysis Summary

Start Time: 11/02/2024 20:48:04

Duration: 0:24:33

Total Reports: 6076

End Time: 11/02/2024 21:12:37

Dur Modified: 0:24:32

Processed Reports: 1407

Dur in Rule: 0:00:00

Reported ICAO Address: A00492 (50002222)

Tail Number: N10YS

Link Version: 2

Out Capability: 1090

In Capability: UAT

Flight ID: N10YS

☒ **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%	0.00%	0.07%	0.00%	0.00%	0.00%	0.00%	0.07%
Max dT	0:00:00	0:00:00	0:00:03	0:00:00	0:00:00	0:00:00	0:00:00	0:00:03
MCF	0	0	1	0	0	0	0	1

Integrity & Accuracy

Category	NIC	NACp	NACv	SIL	SDA
% Fail	0.21%	0.00%	0.00%	0.00%	0.00%
Max dT	0:00:01	0:00:00	0:00:00	0:00:00	0:00:00
MCF	1	0	0	0	0

Category	NIC	NACp	NACv	SIL	SDA
Avg	8.1	8.9	2.0	3.0	2.0
Min	0	8	2	3	2
Max	9	9	2	3	2

Kinematics

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