



**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

**ORDER
JO 7110.665**

Air Traffic Organization Policy

Effective date:
06/30/2024

SUBJ: Surface Awareness Initiative Display (SAID)

1. Purpose of This Order. This order establishes procedures using the Surface Awareness Initiative Display (SAID) for increased situational awareness of Automatic Dependent Surveillance-Broadcast (ADS-B) equipped and transmitting aircraft/vehicles in the vicinity of or on the airport surface area. All SAIDs belong to the Surface Awareness Initiative (SAI) program, a part of the FAA's Surface Safety Portfolio.

2. Audience. This order applies to Air Traffic Organization (ATO) personnel at air traffic facilities where SAID is installed, and employees involved in the implementation and support of SAID.

3. Where Can I Find This Order. This order is available on the MyFAA employee website at https://employees.faa.gov/tools_resources/orders_notices/ and on the Air Traffic Publications website at https://www.faa.gov/air_traffic/publications/.

4. Background. The SAI was created to address the 2023 FAA Safety Call to Action for airports where Airport Surface Detection Equipment (ASDE) is not present. All installed SAIDs are intended to increase controller awareness through the depiction of ADS-B-equipped and transmitting aircraft/vehicles on dedicated displays in the tower cab and Terminal Radar Approach Control (TRACON). SAID is not a decision support tool and is intended to provide controllers enhanced situational awareness. SAID does not provide or guarantee any form of separation.

5. Effective Date. This order is effective June 30, 2024.

6. Procedures. The procedures in this order apply to all SAID models. SAID models may vary in appearance and functionality.

a. SAID equipment:

(1) Installed SAIDs must be visible from tower cab local control (LC) and ground control (GC) positions. When installed in the TRACON control room, SAID placement must be agreed to by Technical Operations and Air Traffic personnel.

(2) All aural alarm features and/or alerts, if available, must be disabled.

(3) SAID must remain on at all times.

(4) When system redundancy is lost or a non-critical fault has occurred, SAID indicates a DEGRADED state.

(5) When a critical fault has occurred, SAID indicates an OFFLINE state. Use of SAID must be discontinued when an OFFLINE state is indicated.

(6) The operations manager-in-charge (OMIC), operations supervisor-in-charge (OSIC), and/or controller-in-charge (CIC) must log the DEGRADED or OFFLINE state of the SAID an “E” entry on FAA 7230-4, Daily Record of Facility Operations, and contact the applicable Technical Operations Control Center (TOCC) for reporting.

NOTE-

The TOCC is the Air Traffic point of contact to coordinate all issues with SAID systems, however SAID vendors are responsible for repairing and maintaining all SAID equipment.

(7) SAID only displays ADS-B-equipped and transmitting aircraft/vehicles within the site-specific adapted area.

(8) SAID systems may rely solely on ADS-B transponder information to display aircraft identification if NAS flight plan information is not available to the system. This may result in a discrepancy between SAID depicted aircraft identification and NAS flight plan identification.

(9) SAID system aircraft identification display capabilities may vary based on the model designator and/or site-specific installation.

b. Use of SAID:

(1) SAID-derived information may only be used for reference and requires confirmation via visual observation and/or pilot/operator reporting.

NOTE-

SAID-derived information is to be used for increased situational awareness of the current traffic situation and potential situations that may require controller intervention.

REFERENCE-

*FAA Order JO 7110.65, Para 3-1-7, Position Determination.
FAA Order JO 7110.65, Para 3-1-12, Visually Scanning Runways.
FAA Order JO 7110.65, Chapter 3, Section 7, Taxi and Ground Movement Procedures.
FAA Order JO 7110.65, Chapter 3, Section 9, Departure Procedures and Separation.
FAA Order JO 7110.65, Chapter 3, Section 10, Arrival Procedures and Separation.*

(2) An aircraft or vehicle’s position must not be determined solely by SAID-derived information.

REFERENCE-

*FAA Order JO 7110.65, Para 3-1-5, Vehicles/Equipment/Personnel Near/On Runways.
FAA Order JO 7110.65, Para 3-1-12, Visually Scanning Runways.*

(3) Control instructions must not be issued solely by SAID-derived information.

(4) RADAR/ADS-B identification or radar services must not be used for nonverbal notification and/or coordination based on SAID-derived information.

c. Facility air traffic managers must document in a facility directive the type of SAID equipment installed, SAID locations, and any additional facility-specific use of installed SAID equipment not contained within this order.

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Date: 2024.05.30
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Michael R. Beckles
Director, Policy, AJV-P
Mission Support Services
Air Traffic Organization (ATO)

Appendix A. SAI Program Vendors and SAID Model Designations

- 1. Purpose.** This appendix provides a list of the approved SAID model designators that are available for deployment at terminal facilities.
- 2. SAI program vendor list and system designations.** See Table A-1 below.

Table A-1. SAI Vendor List and SAID Model Designators.

SAI Vendor	SAID Model Designator
uAvionix	<i>SAID-1</i>
Indra	<i>SAID-2</i>
Saab	<i>SAID-3</i>

Appendix B. Administrative Information

1. Distribution. This order is distributed electronically to the ATO Service Units: Air Traffic Services (AJT), Mission Support Services (AJV), System Operations Services (AJR), Technical Operations (AJW), Safety and Technical Training (AJI), and Program Management Office (AJM); the William J. Hughes Technical Center; and the Mike Monroney Aeronautical Center.

2. Authority to Change This Order. The issuance, revision, or cancellation of the material in this order is the responsibility of Mission Support, Policy, AJV-P.

3. Suggestions for Improvements. Please forward all comments on deficiencies, clarifications, or improvements regarding the contents of this order to the AJV-P Correspondence Mailbox at 9-AJV-P-HQ-Correspondence@faa.gov.

Your suggestions are welcome. FAA Form 1320-19, Directive Feedback Information, is in Appendix C of this order for your convenience.

4. Records Management. Refer to FAA Order 0000.1, *FAA Standard Subject Classification System*; FAA Order 1350.14, *Records Management*; or your office Records Management Officer (RMO)/Directives Management Officer (DMO) for guidance regarding retention or disposition of records.

Appendix C. Directive Feedback Information

Directive Feedback Information

Please submit any written comments or recommendation for improving this directive or suggest new items or subjects to be added to it. Also, if you find an error, please tell us about it.

Subject: FAA Order JO 7110.665, Surface Awareness Initiative Display (SAID)

To: 9-AJV-P-HQ-Correspondence@faa.gov

(Please mark all appropriate line items)

- An error (procedural or typographical) has been noted in paragraph _____ on page _____.
- Recommend paragraph _____ on page _____ be changed as follows:
(attach separate sheet if necessary)

- In a future change to this order, please include coverage on the following subject:
(briefly describe what you want added.)

- Other comments:

- I would like to discuss the above. Please contact me.

Submitted by: _____ Date: _____

Telephone Numb/er: _____ Routing Symbol: _____