

**Airport Advisory Board Meeting (Monday, September 27, 2021)**

Generated by Allison Swint on Monday, September 27, 2021

**Members present**

Brian Barthelme Jr, James Alexander, Gerald Meyerman, Albert Babcock, George Hill

**Meeting called to order at 6 PM**

A. CALL TO ORDER

B. ROLL CALL

C. COMMITTEE REPORTS

Information: 1. Chairman/Vice Chairman reports

Information: 2. PW&T Report

Information: 3. FBO Report

D. OLD BUSINESS

Information: 1. Presentation on ADS-R Options

Action: 2. Approve August 23, 2021 meeting minutes and action items

Minutes were not ready, Board will vote to approve at their next meeting, October 25, 2021

Discussion: 3. Review/Update Action Item list

E. NEW BUSINESS

Information: 1. Next business meeting October 25, 2021 at 6PM

F. PUBLIC COMMENT

G. ADJOURN

Action: 1. Motion to adjourn

I move to adjourn the meeting at 730pm

Motion by Albert Babcock, second by George Hill.

Final Resolution: Motion Carries

Yea: Brian Barthelme Jr, James Alexander, Gerald Meyerman, Albert Babcock, George Hill

Airport Advisory Board Minutes – 09/27/2021

Meeting Start 6:00 pm

Members Present: Alexander (Chair), Hill (Secretary), Babcock, Barthelme, Meyerman (alternate), LCDR Palmer (ex-officio)

Others Present: Swint (DPWT), Ken Reed, Pat Weaver, Pete Lehmann

Chairman Report:

- Welcome to LCDR Steve Palmer, new AAB member in new ad hoc, ex-officio AAB position
- Brief by Pittsburgh Institute of Aeronautics (PIA) regarding maintenance school was well attended by local business community on 9/22/21. Key takeaway is it takes a lot of community support to establish a new maintenance school.
- White paper sent to AAB members regarding small airports and Advanced Air Mobility (AAM). Might be an opportunity for 2W6.
- John Deatruck is retiring 12/31/21. His leadership of DPWT is greatly appreciated, he's been a huge advocate for the airport.

DPWT Report (Swint, Airport Manager):

- NOTAM published to close runway on 30 Sep for one day 0800-1600, will reopen with 500 ft displaced threshold. Close again in 60 days to reopen the threshold but runway will remain the same length until extension completed.
- Construction on runway extension is behind schedule 1-3 months
- Terminal construction on schedule to be complete by 12/18/21. Navy Annapolis Flight Center will be moving into new space approximately 1/1/22.
- New hire in place. David Gately started today as airport tech. No background in aviation but strong in handyman functions which are described in the job description.

FBO Report (Reed, S. Hunt Aero):

- Sat 11/20/21: Indoor Farmers Market and outdoor Fly Market at terminal. Opportunity to clear hangars of things no longer needed or wanted.
- Sat 12/18/21: Indoor Farmers Market and Santa fly in at terminal. Looking for a Santa.

Pax Air Ops Report (LCDR Palmer):

- VHF frequency for PAX ATIS will not happen. Technical and monetary issues.
- Increased air traffic with better weather. Be vigilant.

Old Business:

- Brief by Pete Lehmann on ADS-R. Vendor for Radio Station not identified but can be searched by Pete if desired. Jim Alexander requested that Pete continue to investigate the details. No specific deadline but Pete stated it could take until NOV or DEC.
- Action item list from 8/23/21 approved unanimously (motion Barthelme/second Hill). Meeting minutes not available.
- Action Item List was reviewed and updated (see attached).

New business:

- Next meeting will be October 25.
- Combined NOV/DEC meeting on Dec 6. Potential for one or both of these meetings to be held in the Chesapeake Building at the Governmental Center should we lose access to the conference room in the Terminal during renovation.

Public Comment: None.

Meeting Adjourned: 7:28 pm (motion Babcock/second Hill).

Next Meeting: 10/25/2021 at 6 pm (in person)

Submitted by: Hill (Secretary)

St. Mary's County Airport Advisory Board  
Action Item List

Current: 9/27/21

Action Item #	Status	Open Date	Due Date (do not change)	Close Date	Originator	Assignee(s)	Action Item	Status/Resolution	Follow-up
<i>Action Items as of 9/27/2021 AAB Meeting</i>									
6	Open	x/xx/18	TBD		AAC	DPWT	Install runway end windsocks (or streamers)	8/26/19: to be included in ALP revision process (see AIs 10, 26); 9/27/21: to be included in AECOM ALP revision process	
7	Open	x/xx/18	TBD		AAC	DPWT	Relocate Anemometer where it can provide more accurate runway winds (treeline blocks wind from north impacting reported winds on AWOS and aviationweather.gov)	8/26/19: to be included in ALP revision process (see AIs 10, 26); 9/27/21: to be included in AECOM ALP revision process	
8	Open	x/xx/18	8/23/2021		AAC	DPWT (Swint)	Review Wash Rack compliance with new MDE Regulation regarding runoff contamination; determine if formal mitigation is needed	2/24/20: MD Environmental Services (MES) to meet with Airport Manager to discuss; 9/28: County needs to apply for wash rack permit, MES assisting with Notice of Intent to MD Dept of Environment (MDE); 10/26: no change; 12/7: no chg; 1/25/21: no chg; 2/22: no chg; 3/22: no chg; 4/26: permit submitted, water sample to be taken 5/12; 8/23: permit for wash rack received, wash rack in compliance	8/23/21: SOP update to reflect wash rack and MX area
9	Open	x/xx/18	8/23/2021			DPWT (Swint), AAB (Hill, Zaorski)	Procure ADS-B repeater system to improve safety and SA at 2W6; possibly co-share with KNHK?	Need to discuss with Pax Air Ops. 6/24/19: Klapka/Swint to meet with Pax and report at next meeting; 10/26/20: no change; 12/7: no change; 1/25/21: Hill/Zaorski to replace Klapka; 2/22: Bob Z reached out to Pax Air Ops; 3/22: no chg; Hill/Zaorski to map strategy; 4/26: no chg; 6/28: mtg w/ Pax, Navy has no need for ADS-B repeater; ADS-R may be an option for 2W6, need to explore further; Pete Lehmann from TCAS Analytics is SME; 8/23: ADS-R brief from Pete Lehmann postponed to Sep mtg; 9/27: ADS-R vs TIS-B brief from Pete Lehmann, he is looking into more details	4/26/21: uAvionix PingStation2 may be solution? Just \$1750. No go, a closer look shows this is an ADS-B receiver not a repeater.
10	Closed	x/xx/18	TBD	9/27/2021	AAB	DPWT, AAB	Develop strategy to update Master Plan (ALP and associated documents)	6/24/19: To be scheduled and addressed by AAB after Rules, SOP/Min Std are complete; 6/22/20: Per John Deatrck, county needs to do some work before AAB can address Master Plan (see AI 26); 8/23: AECOM will develop Master Plan/ALP	
13	Open	x/xx/18	8/23/2021			DPWT (Swint), AAB (Hill, Zaorski), NAS Pax	Improve deconfliction between Pax Rwy 14 Approach and 2W6, including AWOS language and updated Chart Supplement (formerly AFD) language	Discussion held with Pax Air Ops 12/3/18. RCO with NAS Pax? 6/24/19: Klapka/Swint to meet with Pax and report at next meeting; 10/26/20: no change; 12/7: no change; 1/25/21: Hill/Zaorski to replace Klapka; 2/22: Bob Z reached out to Pax Air Ops; 3/22: no chg; Hill/Zaorski to map strategy; 4/26: no chg, suggestion was keep this a safety issue; John Deatrck offered to bring this mtg up at next mtg between Pax and CSMC; 6/28: mtg w/ Pax, LCDR Palmer open to working together on this; suggestion made to add Pax Air Ops rep to AAB as ad-hoc member and to add a VHF freq to Pax ATIS (see AIs 32 & 33); 9/27: Pax River Air Ops ad hoc member of AAB will help greatly with this, but still open	6/24/19: Klapka to provide proposed language. Klapka response that Draft SOP contains proposed language.

St. Mary's County Airport Advisory Board  
Action Item List

Current: 9/27/21

24	Open	10/28/2019	8/23/2021		Public (Bob Hansen)	DPWT (Swint)	Explore Compass Rose at 2W6. Obtain info from The 99s.	10/28/19: Bob Hansen to provide info from 99s at January meeting; 2/24/20: Hansen did not attend Jan or Feb AAB meetings; 6/22/20: POC change from Hansen to Klapka, he reports 99s no longer doing compass roses; 9/28: Ted to meet with Allison next week; 10/1: Ted & Allison identified location on west ramp, Allison checking with DPWT to see if they can survey and paint; 10/26: Allison awaiting response from DPWT; 12/7: DPWT has agreed to do, waiting for wx; 4/26: Allison to talk to Ron; 8/23: Allison to followup with Ron or Donnie; 9/27: Joanna Williams of 99s contacted Allison, interested in doing this in Spring	
25	Open	6/22/2020	8/23/2021		AAB (Alexander)	DPWT (Swint)	Update airfield diagram in Chart Sup, ForeFlight, etc. to show taxiway markings (makes construction NOTAMs much more useful)	9/28/20: Allison waiting on as-builts from Delta; 10/26: no change; 12/7: no change; 1/25/21: Allison has as-builts, MAA to confirm taxiway layout during inspection 4/15/21; 4/26: as-builts confirmed by MAA, submitted to FAA; 8/23: Allison needs to relook; 9/27: no chg	
26	Closed	6/22/2020	8/23/2021	9/27/2021	AAB (Klapka)	DPWT (Swint)	Provide POA&M for Master Plan/ALP revision	9/28/20: County looking for new airport consultant (possibly two, one for planning/design & one for construction); ALP on hold until consultant situation resolved; 10/26: no change; 12/7: no change; 1/25/21: quotes for new airport consultant closed 1/22; 2/22: selection of new airport consultant progressing; 3/22: interviews w/ 3 finalists complete, award expected mid-April; 4/26: AECOM new airport consultant, not notified yet; 8/23: AECOM will develop Master Plan and provide POA&M	
29	Open	10/26/2020	8/23/2021		AAB (Klapka)	DPWT (Swint)	Investigate possible methods to remove Canada Geese on airport	12/7/20: Allison to order pyros and screamers, should be here by 1/1/21; 1/25/21: order delayed, should be here by next mtg; 2/22: order in progress; 3/22: ordered, not yet rec'd; 4/26: not ordered yet; 8/23: pyros/screamers in possession, airport mx tech to be hired 9/2; 9/27: Allison to train David Gately	
30	Open	1/25/2021	8/23/2021		Public (Corey Smith)	DPWT (Swint), AAB (Hill/Zaorski) to assist w/ SOP	Hunting on airport by county-vetted volunteers seems to violate Airport Rules on hunting/firearms.	1/25/21: Allison to ask for County Attorney's interpretation. A change to the Rules ordinance requires CSMC approval. 2/22: County Attorney says vetted volunteer hunters are acting in official capacity, no change needed to Airport Rules	2/22/21: Update SOP to clarify, and also specify how people can volunteer; 3/22: SOP update in work; county wildlife plan says can't hunt geese until 4/1, deer hunting over until 9/1; 4/26: awaiting SOP update until gate fob policy is ready (see AI 31); 9/27: no volunteer hunters, SOP update in work
31	Open	3/22/2021	8/23/2021			DPWT (Swint), AAB	Review draft gate fob policy to be added to SOP	4/8/21: sent Allison's draft fob policy to AAB; 4/26: Allison to send updated version; 8/23: no progress but still intend to add policy to SOP; 9/27: Allison to send red-lined SOP to AAB by mid-Oct	
33	Closed	6/28/2021	12/6/2021	9/27/2021	AAB (Alexander)	DPWT (Swint)	Ask CSMC to request Navy consider adding a VHF frequency for the Pax ATIS so GA pilots can monitor and know which Pax runway is in use for SA, deconfliction, and safety (currently ATIS is UHF only)	7/19/21: John Deatrick sent draft request letter to CSMC; 8/23: confirmed CSMC sent request to Navy; 8/25: rec'd letter from Navy, they are reviewing VHF ATIS request; 9/27/21: No-go for VHF Pax ATIS due to technical/financial reasons per LCDR Palmer	
34	Open	6/28/2021	12/6/2021		AAB (Alexander)	Pax Air Ops, AAB	Update LOA on use of R-4007 to clarify procedures and update graphic	6/28/21: mtg w/ Pax, LCDR Palmer agreeable to update; 9/27: update in work per LCDR Palmer, will coord with AAB prior to signatures	



# Automated Dependent Surveillance – Rebroadcast

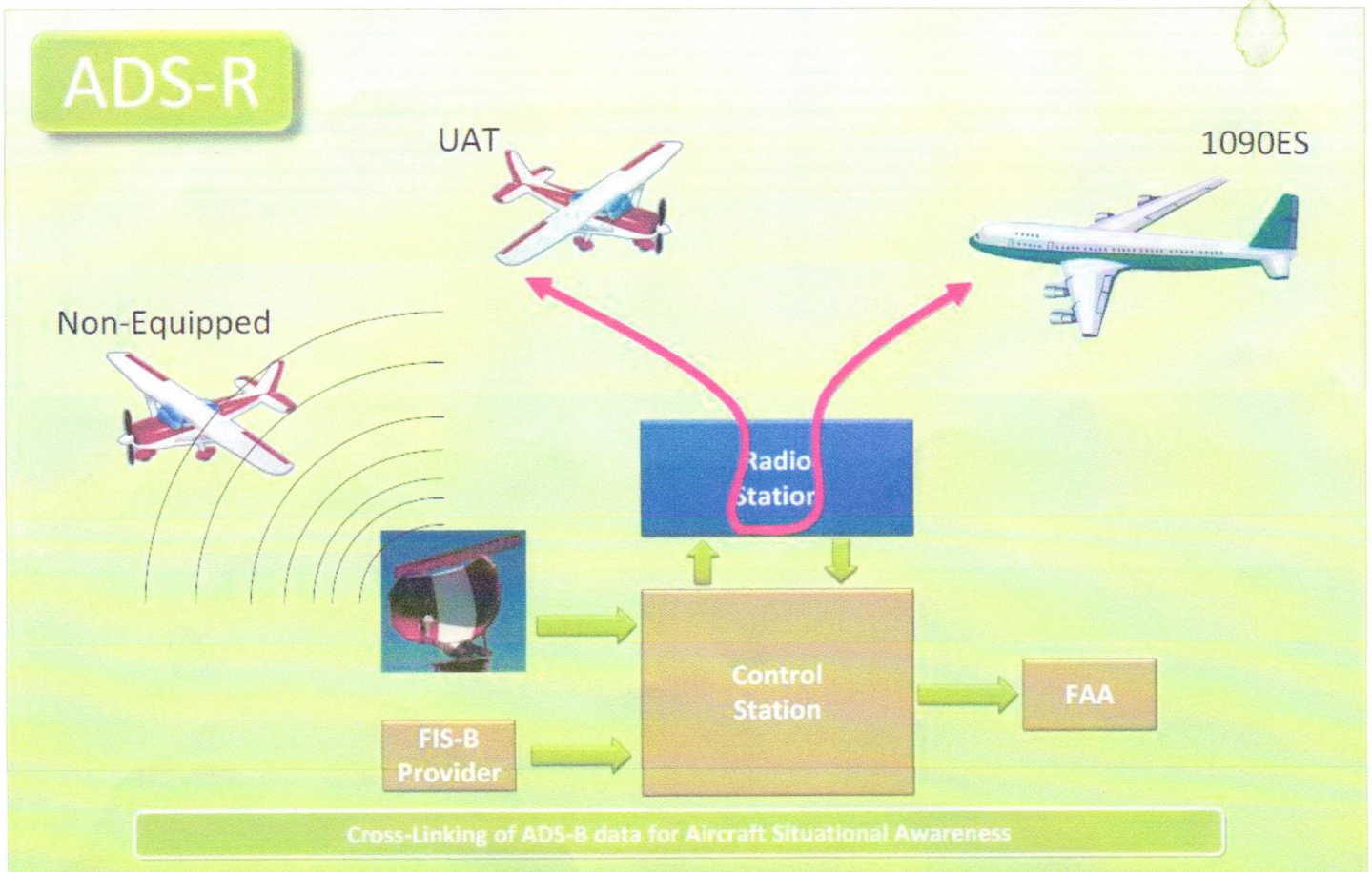
VS.

# Traffic Information Services – Broadcast

## Automated Dependent Surveillance – Rebroadcast (ADS-R)

ADS-R is a service that relays ADS-B information transmitted by an aircraft using one link technology to aircraft within the proximity of active users of an incompatible link technology. The high-level data flows supporting ADS-R are illustrated in the figure below.

The control station infrastructure monitors ADS-B transmissions by active ADS-B equipped aircraft and continuously monitors the presence of proximate aircraft with incompatible link technologies (i.e., UAT and 1090ES). When such aircraft are in proximity of each other, the control station infrastructure instructs ground radio stations within range of both aircraft to rebroadcast surveillance information received on one link frequency to aircraft on the other link frequency.

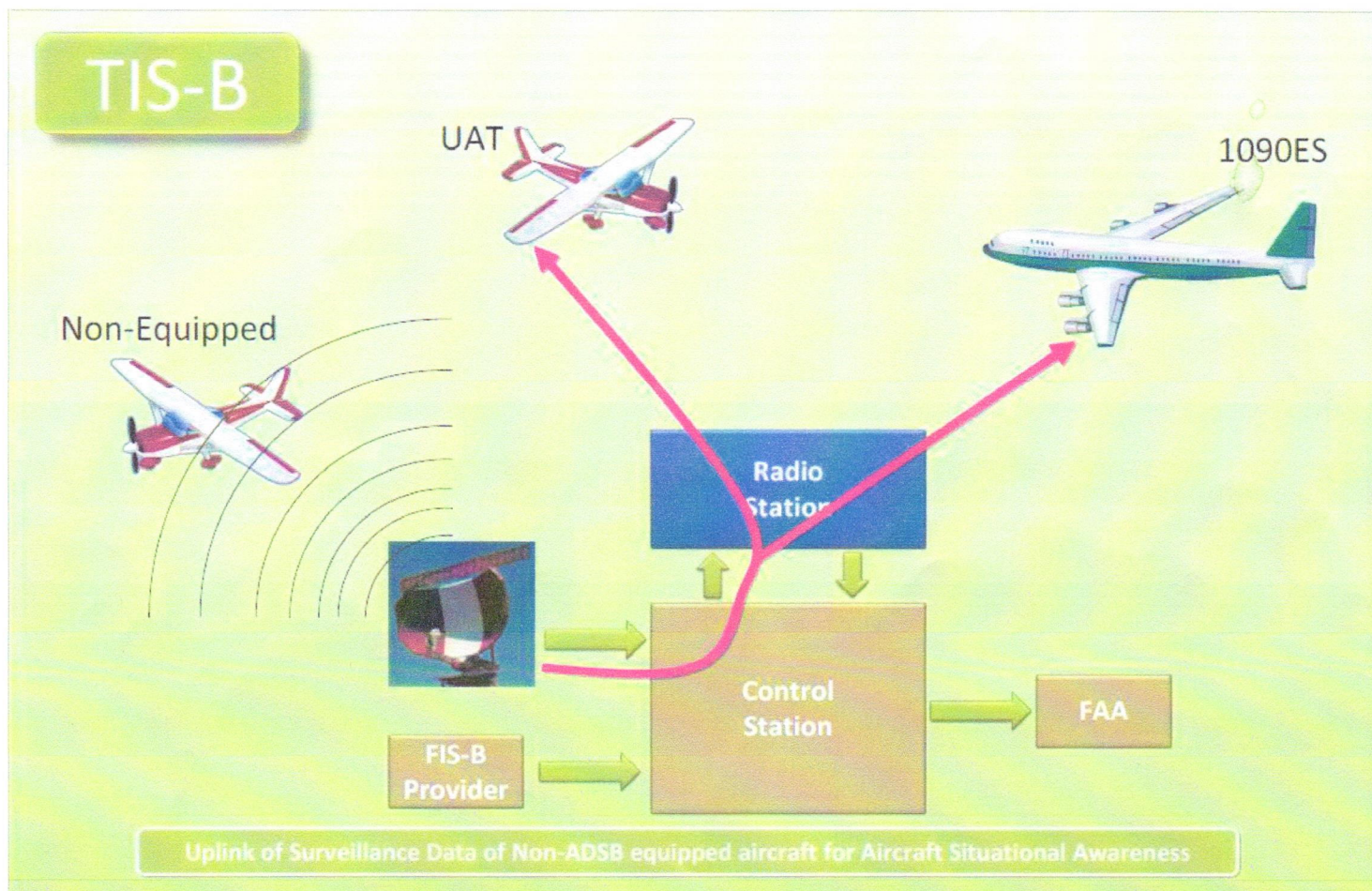




## Traffic Information Services – Broadcast (TIS-B)

TIS-B is a service that provides ADS-B equipped aircraft with surveillance information for aircraft that are not ADS-B equipped. The high-level data flows supporting TIS-B are illustrated in the figure below. The control station receives this air traffic information from non-ADS-B surveillance systems, including FAA/ DoD secondary surveillance radar, ASDE-X, and multilateration systems. The non-ADS-B surveillance information from multiple systems is then fused with ADS-B and correlated to defined tracks.

The system uses this information to transmit TIS-B targets for non-ADS-B-equipped aircraft that are in proximity to active ADS-B-IN users. The TIS-B Service is complementary but orthogonal to the ADS-R service and ADS-B air-to-air such that ADS-B-IN users will see a complete picture of the nearby targets without redundancy.





**U.S. Department of Transportation**

**Federal Aviation Administration**

**Surveillance and Broadcast Services (SBS) Group**

**Surveillance and Broadcast Services  
Description Document**

**SRT-047, Revision 05**

**November 20, 2020**

Approved By:

**AMMYANNA WILLIAMS**

Digitally signed by AMMYANNA WILLIAMS

Date: 2020.12.18 21:23:52 -05'00'

Ammyanna Williams, Group Manager (Acting)  
Surveillance and Broadcast Services Group, AJM-4200

Date

Federal Aviation Administration  
600 Independence Avenue, SW  
Washington, DC 20591



Airport Advisory Board Sign In Sheet  
 September 27, 2021

Name	Initials	Organization	E-Mail or Phone #
Jim Alexander	<i>JA</i>	AAB Chairman	(on-file)
Bob Lightstone		AAB Vice Chairman	(on-file)
George Hill	<i>GH</i>	AAB Secretary	(on-file)
Albert Babcock	<i>AB</i>	AAB Member	(on-file)
Bryan Barthelme	<i>BTB</i>	AAB Member	(on-file)
C.T. Sahut		AAB Member	(on-file)
Robert Zaorski		AAB Member	(on-file)
Gerald Meyerman	<i>GM</i>	AAB Alternate Member	(on-file)
<b><u>County Staff:</u></b>			
John Deatrick		Director DPW&T	(on-file)
Allison Swint	<i>AS</i>	Airport Manager	(on-file)
Ken Reed	✓	S. Hunt Aero, LLC	(on-file)
Pat Weaver	✓	S.M. Hangars, Inc.	(on-file)
Dave Stanton		Piedmont Flight Center	(on-file)
<i>Rhino Page</i>			