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Airport Collaborative Decision Making (A-CDM)

Train The Trainer (Airports)

March 2025



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Workbook Overview

This workbook contains information to support **Train the Trainer (A-CDM Airport Workspace)** for the implementation of A-CDM in Australia.

Note that each airport partner will have their own version of the workspaces designed for their operational needs and way of managing A-CDM within their own organisation.

This Train the Trainer workbook explains the basic tools available in the airport workspace.

Please reach out to your A-CDM key contact for more information on how these workspaces will be implemented within your airport.

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- 1. Accessing Aerobahn A-CDM
- 2. <u>A-CDM Common Workspace</u>
- 3. <u>A-CDM Airport Workspace Basic</u>
- 4. A-CDM Support



Accessing Aerobahn A-CDM

AEROBAHN LAUNCHER



Accessing Aerobahn A-CDM

Aerobahn Launcher

- After appropriate configuration, open the Aerobahn Launcher to be re-directed to the Identity Provider for login.
- Once logged in, the user will then be shown a portal page with each of the sites they are authorised to use.



Aerobahn A-CDM Portal Page



SAAB

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Aerobahn A-CDM Portal Page

- The Aerobahn A-CDM Portal screen indicates your connection to Aerobahn is active, client software is running, and flight information is downloaded.
- TaxiView button opens the Common Workspace.
- The "Latest News" panel announces upgrades, planned maintenance, map updates and other pertinent information.
- The "System Admin" link opens a companion application where one can change their, display name, and set some preferences such as how times are expressed in Aerobahn (local and UTC).
- The "Help" link opens a searchable interactive Help manual.
- "Contact us" opens and displays the Help Desk contact information. Any questions or observations relating to Aerobahn are first reported to your local Service Desk. They will then escalate to Saab for investigation if necessary. Saab's Customer Service supports 24/7/365.







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A-CDM Common Workspace (All Users)

BASIC FUNCTIONALITY

A-CDM Common Workspace



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- Selecting TaxiView on the Aerobahn
 Portal Page will open the Common
 Workspace for the airport of choice
- Each user will be provided with the same workspace in Aerobahn, called the Common Workspace.
- The Common Workspaces, while having the same structure for the workspace, will show the data relevant to that airport (e.g. different maps, custom queue counters based on runways, etc.)
- The following slides explain the tools that can be found in this workspace.







Watch List Viewers

Watch List Viewers – Arrivals and Departures

- Shows all Arrivals and Departures with respect to the aerodrome for which the Aerobahn workspace has been opened.
- Sorted by SIBT (Aero) and SOBT (Aero) respectively.
- Each Watch List contains Estimated/Actual time fields:
 - If a time in this column has parentheses around it, that time is estimated (e.g., (22:50)).
 - If a time in this column does not have parentheses around it, that time is an actual (e.g., 22:54).

Arrivals							
Fit ID (Aero)	АС Тур	Reg (Aero)	Orig 🗸	SIBT (A 🕆	E/ALDT (E/AIBT (A	
VOZ1385	B738	VHVUK	ADL	22:50	22:54	(22:50)	^
QFA1886	E190	VHXVU	NTL	23:28	23:21	(23:28)	
SOL700	A320	H4SAL	HIR	06:48	06:35	(06:48)	
RXA5733	SF34	VHZRM	RMA	06:59	07:24	(06:59)	
VET	SVV4	VHVET	OAG	07:18	07:10	(07:18)	
V0Z1109	F70	VHQQW	NTL	07:47	08:35	(07:47)	
V0Z337	B738	VHIJU	MEL	08:02	08:17	(08:02)	
V0Z614	B737	VHVBZ	MKY	08:41	08:43	(08:41)	
V0Z382	F100	VHXVVQ	TSV	08:57	09:21	(08:57)	
V0Z786	B737	VHVBY	CNS	08:58	09:01	(08:58)	
QFA186	B738	VHVZJ	СНС	08:58	10:53	(08:58)	H
VOZ1403	F100	VHXWN	ADL	10:25	11:00	(10:25)	
V0Z347	B738	VHYFJ	MEL	10:52	11:32	(10:52)	
V0Z985	B738	VHYQH	SYD	10:53	10:50	(10:53)	
UTY8463	F70	VHNKQ	MOV	11:12	11:17	(11:12)	
QFA630	B738	VHXZM	MEL	11:13	12:38	(11:13)	
UTY8469	F70	VHJFB	MOV	11:27	11:28	(11:27)	
UTY8449	F70	VHQQX	EMD	12:11	12:03	(12:11)	
QFA632	B738	VHVZA	MEL	12:13	12:28	(12:13)	
QFA634	B738	VHVZM	MEL	13:13	13:37	(13:13)	
FD458	BE20	VHFDZ	ROK	13:37	14:47	(13:37)	
JST673	A320	VH-VQC	DRW	20:22	20:23	(21:30)	
VED	SF34	VH-VED	TMW	21:30	21:12	(22:20)	
QFA120	B738	VH-VZH	AKL	21:36	22:54	(23:36)	
JST810	A321	VH-WWU	SYD	21:40	21:39	(21:42)	
QFA600	B738	VH-VZS	MEL	21:53	22:08	(22:11)	
V0Z905	B738	VH-VUJ	SYD	21:56	22:04	(23:09)	
RXA202	B738	VH-REX	MEL	21:59	22:06	(23:10)	
V0Z303	B738	VH-IXJ	MEL	22:02	22:13	(23:17)	
V0Z1101	F100	VH-FGB	NTL	22:02	22:02	(22:05)	

El+1 1 m	ACT	Pag (Aaro)	Dert	Pum	SOUT (As	E /MORT /	E/ATOT (
	AC 1	Reg (Aero)	Dest	Run	SUBT (AE	C/AUDI (E/AIUT (
QFA708	B738	VH-VYJ	CNS	UIL	23:05	(23:38)	(23:45)
QFA119	A332	VH-EBO	AKL	19R	23:10	(23:38)	(23:52)
UTY860	F100	VHXVVR	MOO	19R	23:10	(23:33)	(23:43)
QFA513	B738	VH-VYB	SYD	01R	23:16	23:27	(23:36)
SIA256	A359	9V-SHP	SIN	19R	23:20	(23:36)	(23:50)
QFA057	B738	VHVZJ	POM	01L	23:25	(23:33)	(23:43)
RXA329	B738	VH-RQC	SYD	01R	23:30	(23:33)	(23:43)
JST834		VH-VGP	PPP	01L	23:40	(23:35)	(23:49)
VOZ702	B738	VH-YFE	HBA	01R	23:40	(23:54)	(00:04)
QFA1933	E190	VH-UZK	ADL	01R	23:40	(23:54)	(00:05)
QFA183	B738	VH-VZH	NLK	01R	23:45	(23:54)	(23:57)
VOZ1023	F70	VHQQW	ASP	01R	23:50	(23:43)	(23:53)
VOZ322	B738	VH-YIH	MEL	01R	23:55	(23:48)	(00:03)
ACA036	B789	C-FNOH	YVR	19R	00:00	(23:58)	(00:12)
JST567		VHVGO	MEL	01R	00:00	(23:47)	(23:57)
V0Z938	B738	VHVUT	SYD	01R	00:05	(23:58)	(00:08)
V0Z115	B738	VHYIO	ZQN	19R	00:10	(00:03)	(00:13)
QFA1949	E190	VH-XVX	HBA	01R	00:10	(00:03)	(00:13)
PAL222	UNKN	RPC9936	MNL	19R	00:30	(00:28)	(00:38)
QFA051	A332	VH-EBV	SIN	19R	00:30	(00:28)	(00:42)
AVN025	A320	H4SAL	SON	19L	00:30	(00:28)	(00:38)
JST815		VHXNI	SYD	01R	01:15	(00:49)	(00:59)
T007CJK	GLEX	T7CJK	AKL	01R	01:30	(01:23)	(01:33)
RXA337	B738	VHRQG	SYD	01R	01:30	(01:23)	(01:33)
JST802		VHVGR	ADL	01R	01:30	(00:49)	(00:59)
JST656		VHVQC	CBR	01R	01:40	(01:01)	(01:11)
JST571		VHVFJ	MEL	01R	01:55	(01:39)	(01:49)
AWK094	B734	ZKPAT	AKL	19L	02:50	(03:15)	(03:25)
CAL053	A359	B18916	AKL	01L	02:55	(02:53)	(03:04)
ANG004	B763	N351AX	POM	01R	03:15	(03:13)	(03:23)



Operations Timeline

Operations Timeline

- Shows data blocks in a predicted sequence of operations for a single runway or for the airport. It can also be set to show region closures.
- Set based on E/ALDT for arrivals and E/ATOT for departures.
- To adjust the time frame in view, click within the tool window and drag up and down. To increase or decrease the amount of time in view (zoom in or out), roll the scroll wheel within the tool window.
- This bar marks the current time.
- If a flight is selected in the Operations Timeline tool, it is also selected in all other applicable tools in the workspace.
 - For example, the flight selected in the screenshot, JST526, would also be selected in a Watch List Viewer, Selection Details, and the Map Display





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Operations Timeline (cont.)

Operations Timeline Colour Key

• The data blocks for each flight on the timeline are coloured based on the operational state.







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Notifications

Notifications

- The notifications tab will display any prevalent information regarding the aerodrome for which the Aerobahn workspace has been opened.
- This information will consist of the ACDM service status being either on or off, as well as general bulletins.

ow Restriction Service Message	
CDM Status ACDM Status is Off Until Futher Notice	Updated by CDM Admin at 08/23/2023 18:13
ow Restriction	



Counters

Counters

- The counters provide live counts of aircraft that meet the criteria determined by a certain set of rules.
- The counters in the common workspace are the departure queues for a specific runway.
- In the BNE common workspace, the counters to the right are present:
 - The 01L-19R Q will provide a live count of outbound flights that are taxiing out with a predicted departure runway of 01L/19R.
 - The 01R-19L Q will provide a live count of outbound flights that are taxiing out with a predicted departure runway of 01R/19L.





Selection Tools

Selection Details

- Provides select information for a selected target.
- Multiple tabs available:
 - **Properties** = Data for target
 - **Taxi Route** = Region by region path of aircraft
 - Show Route on Map = Display the highlighted taxi route path in the Map Display tools (i.e. the Surface Display)
 - Active Rules = Shows all Dynamic Rule data active for the selected target
 - Workflow State = Any enter/exit times for Workflows affecting the selected target

FieldValueActual Take Off Time (Aerobahn)23:24Actual Off Block Time (Aerobahn)23:17Operational StateEnroute OutActual Landing Time (Aerobahn)Actual In Block Time (Aerobahn)1011Mode 3/A (Aerobahn)1011Mode S7C2BC5Aircraft/Vehicle Type (Aerobahn)B738Flight ID (Aerobahn)VOZ932	roperties	Taxi Route	Active Rules W	/orkflow State History Flight Crew	
Actual Take Off Time (Aerobahn)23:24Actual Off Block Time (Aerobahn)Enroute OutActual Landing Time (Aerobahn)Image: Actual In Block Time (Aerobahn)Mode 3/A (Aerobahn)1011Mode 3/A (Aerobahn)7C2BC5Aircraft/Vehicle Type (Aerobahn)B738Plight ID (Aerobahn)VOZ932		Fiel	d	Value	
Actual Off Block Time (Aerobahn)23:17Operational StateEnroute OutActual Landing Time (Aerobahn)ImplementActual In Block Time (Aerobahn)1011Mode 3/A (Aerobahn)1011Mode S7C2BC5Aircraft/Vehicle Type (Aerobahn)B738Flight ID (Aerobahn)VOZ932	Actual Take	e Off Time (Ae	robahn)	23:24	
Deperational StateEnroute OutActual Landing Time (Aerobahn)Actual In Block Time (Aerobahn)1011Mode 3/A (Aerobahn)7C2BC5Aircraft/Vehicle Type (Aerobahn)B738Aircraft/Vehicle Type (Aerobahn)VOZ932	Actual Off	Block Time (Ae	erobahn)	23:17	
Actual Landing Time (Aerobahn)InternationalActual In Block Time (Aerobahn)1011Mode 3/A (Aerobahn)7C2BC5Aircraft/Vehicle Type (Aerobahn)B738Flight ID (Aerobahn)VOZ932	Operationa	l State		Enroute Out	
Actual In Block Time (Aerobahn)1011Mode 3/A (Aerobahn)7C2BC5Mode S8738Aircraft/Vehicle Type (Aerobahn)VOZ932	Actual Lan	ding Time (Aer	robahn)		
Mode 3/A (Aerobahn)1011Mode S7C2BC5Aircraft/Vehicle Type (Aerobahn)B738Flight ID (Aerobahn)VOZ932	Actual In B	lock Time (Aer	obahn)		
Mode S 7C2BC5 Aircraft/Vehicle Type (Aerobahn) B738 Flight ID (Aerobahn) VOZ932	Mode 3/A	(Aerobahn)		1011	
Aircraft/Vehicle Type (Aerobahn) B738 Flight ID (Aerobahn) VOZ932	Mode S			7C2BC5	
Flight ID (Aerobahn) VOZ932	Aircraft/Ve	hicle Type (Ae	robahn)	B738	
	Flight ID (A	erobahn)		VOZ932	



Map Displays (1/3)

Gate Display

- View of the aerodrome gates along with active and persisted aircraft.
- Left Mouse Button/Click
 - Click Select Target
 - Hold and drag Move Map
- Center Scroll Wheel
 - Forward Zoom in
 - Back Zoom out
 - Hold and drag Move Map while maintaining target selection
- Right Mouse Button/Click
 - Click Various menu options





Map Displays (2/3)

Surface Display

- View of the entire aerodrome surface along with active and persisted aircraft.
- Uses same controls as other Map Displays.





Map Displays (3/3)

Terminal Display

- Displays a distant view of Enroute aircraft to BNE.
- Uses same controls as other Map Displays.





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SYD 80 Cap

SYD 80 Cap

- The SYD 80 Cap tool is only available in the common workspace for SYD Airport.
- This tool will display a count of the completed and forecasted arrivals/departures at SYD Airport in a rolling hour, with the maximum count of operations set to 80.





A-CDM Airport Workspace

BASIC FUNCTIONALITY



Airport Workspace Overview

Overview

- Each Airport Partner will have their own version of the Airport Workspace centric to their airport.
- Each partner will be able to modify their workspaces based on operational needs.
- The following slides explain the individual tools (basic) that can be found within the Airport Workspace.





ACDM Flights:

• All ACDM Flights active in the system.

Arrivals:

• All arrival flights active in the system.

Departures:

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• All departure flights active in the system.

Susp/Suffix S/T:

 List of flights that are currently suspended, cancelled, swapped, or tactical release.

ACDI	VI Flights 🔹																			083	×
Carri	Flight ID	E/AL	E/AIB	Fit ID (Aero)	Reg (A	AC Typ	Dest	Run	SOBT (A	EOBT (A	Sta	ASBT (A	TOBT (Ae	ARDT (A	TSAT (A 1	ASAT (A	AOBT (Aer	TTOT (CTOT (Ae	Flo	
QEA	QEA7353	17:43	17:54	QEA7332	VHULD	32X	TSV	01R	18:35	19:12	71A			18:56		18:56	18:58			0	
NJE	JTE509	13:53	13:59	JTE252	VH8QB	DH4	MOV	01R	19:25	19:30	G4									Õ	
SHA	SHA103	10:58	11:04	SHA132	VHUZN	SWM	MKY	01R	18:30	19:30	G8										
QFA	QFA940	14:02	14:08	QFA501	VHXZO	73H	SYD	19L	19:00	19:19	23		19:00	19:00	19:00	19:00	19:04	19:15		0	
VOZ	VOZ1694	08:11	08:19	VOZ900	VHYWA	73H	SYD	01R	19:20	19:20	39		19:20		19:20			19:33		0	
QFA	QFA936	06:58	07:02	QFA503	VHVZD	73H	SYD	01R	19:25	19:25	24		19:25		19:25			19:38		٢	
UTY	QFA1947	09:23	09:32	UTY4821	VHA2U	E190	GTS	01R	19:30	19:30	31		19:30		19:30			19:43		0	
GAM				GAM011	VHVJE	D28	THG	01R	19:30	19:30	G11		19:30		19:30			19:40			
UTY	V0Z1240	05:45	05:53	UTY8502	VHNKU	F70	MOV	01R	19:40	19:40	48		19:40		19:40			19:53		0	
AER				HTX780	VHEVI	AT7	TSV	01R	19:45		012		(19:45)		(19:45)			19:55			
UTY	UTY881	09:21	09:30	UTY4823	VHUQD	F100	GTS	01R	19:50		32		(19:50)		(19:50)			20:03			
QFA	QFA1923	06:53	06:59	QFA1920	VHXVT	E90	GLT	01R	19:50	19:50	100		(19:50)		(19:50)			20:03		۲	
UTY	V0Z1248	08:29	08:39	UTY2832	VHNUU	F70	MOV	01R	19:55	19:55	45A		(19:55)		(19:55)			20:08			
JST	JST907	13:13	13:19	JST483	VHA5A	32N	NTL	01R	20:00	20:00	25		(20:00)		(20:00)			20:16		0	
QFA				QFA609	VHVXC	73H	MEL	01R	20:00	20:00	19		(20:00)		(20:00)			20:13		0	
JST	JST889	13:11	13:16	JST928	VHA5C	32N	CNS	01R	20:00	20:00	26		(20:00)		(20:00)			20:13		0	
QFA	QFA358	08:23	08:30	QFA1790	VHUZF	E90	MKY	01R	20:00	20:00	21		(20:00)		(20:00)			20:15		0	
QFA	QFA1995	09:44	09:49	QFA1860	VHUYI	E90	TSV	01R	20:00	20:00	18		(20:00)		(20:00)			20:14		0	
QFA	QFA1867	09:08	09:15	QFA1942	VHUYO	E90	EMD	UIR	20:00	20:00	102		(20:00)		(20:00)			20:16			
VOZ	V0Z973	08:27	08:30	V0Z306	VHVUW	73H	MEL	U1R	20:05	20:05	44A		(20:05)		(20:05)			20:18			
OFA	OFA1912	10:50	10:57	QFA1860	VHUTU	E90	CRR		20:05	20:05	16		(20:05)		(20:05)			20.18			
VOZ	V07363	12:14	12:20	V07909	VHVUO	734	SVD	01R	20:05	20:05	404		(20:05)		(20:05)			20.13		0	
VOZ	V07471	13:33	13:41	V0Z361	VHVUH	73H	TSV	01R	20:00	20:00	407		(20:00)		(20:00)			20:20		Ő	
V0Z	V071642	10:08	10:10	V07771	VHUW	73H	CNS	01R	20:10	20:10	46		(20:10)		(20:10)			20:24		Ő	
QEA	QEA1859	10:32	10:39	QEA1927	VHUY7	E90	ADL	01R	20:10	20:10	28		(20:10)		(20:10)			20:23		ŏ	
JST	JST824	11:15	11:19	JST904	VHXSJ	320	TSV	01R	20:10	20:10	27		(20:10)		(20:12)			20:26		ŏ	
VOZ	VOZ382	09:57	10:05	VOZ601	VHXWO	100	MKY	01R	20:10	20:10	41		(20:10)		(20:12)			20:27		0	
QFA	QFA942	19:02	19:10	QFA505	VHVZR	73H	SYD	01R	20:10	20:10	22		(20:10)		(20:12)			20:28		0	
BNO	FCX669	05:05	05:13	VEU	VHVEU	SW4	CAZ	01R	20:15	20:15			(20:15)		(20:15)			20:29			
GAM	GAM010	(09:08)	08:20	GAM002	VHYJM	ACD	MBH	01R	20:15	20:15	G16		(20:15)		(20:15)			20:26		٢	
LNK	FCX669	05:05	05:13	COR9731	VHVEU	SVVM	CAZ	01R	20:15		G22		(20:15)		(20:15)			20:25			
UTY	UTY7241	06:40	06:49	UTY4730	VHUQB	F100	CNJ	01R	20:15	20:15	50		(20:15)		(20:15)			20:29		0	
BNO	EVY092	02:51	03:02	EVY092	A62002	BBJ	MEL	01R	20:30		L1A		20:30		(20:30)			20:46			
JST	JST634	12:39	12:44	JST561	VHVQM	320	MEL	01R	20:30	20:30	38		(20:30)		(20:30)			20:43			
QFA	QFA2367	11:26	11:31	QFA2456	VHQOS	DH4	MOV	01R	20:30	20:30	*4		(20:30)		(20:30)			20:44			
AER				HTX780	VHEVI	AT75	TSV	01R	20:30				(20:30)		(20:30)			20:43		0	
QFA	QFA1887	10:46	10:53	QFA1870	VHUYF	E90	ROK	01R	20:30	20:30	103		(20:30)		(20:30)			20:45		۲	
UTY	EVY040	02:09	02:25	UTY4072	VHQQR	F70	MCY	01R	20:30	20:30	50A		(20:30)		(20:30)			20:46			
VOZ				V0Z1231	VHYIT	73H	ROK	01R	20:35		43		(20:35)		(20:35)			20:49		0	
VOZ	UTY9821	12:34	12:43	V0Z1206	VHUQW	100	CBR	01R	20:35		48		(20:35)		(20:35)			20:48		0	
VOZ	VOZ1407	13:59	14:06	VOZ912	VHVBZ	73W	SYD	01R	20:35		40B		(20:35)		(20:35)			20:48		0	
BNO				EVYU40	VHQQY	F70	MEL	UIR	20:30		LIB		(20:45)		(20:45)			20:59		0	
VOZ	054540	00.45	00.54	V0Z1265	VHQQW	F70	EMD	UIR	20:45		49		(20:45)		(20:45)			20:58			V
GFA	GFA546	09:45	09:51	GFA507	VHVZV	73H	SYD	UTR	20:45		24		(20:45)		(20:45)			20:58			
AC	DM Flights	Arrivals	Depart	ures Susp/Su	uttix S/T																



ACDM Flights 🔹																	៩០×
Flight ID Inbound	E/ALDT Inbound (E/AIBT Inbound (A	Fit ID (Aero)	Reg (Aero)	AC Type (Aero)	Dest	SOBT (Ae 🗸	EOBT (Carrier)	EOBT (ATC)	Stand Asgn (Aero)	TOBT (Aero)/(TOBT A	ARDT (Aero)	TSAT (Aero)/(T 1	ASAT (Aero)	AOBT (Aero)	TTOT (ACDM)	CTOT (Aero)
QFA448	20:02	20:07	QFA471	VHVYA	73H	MEL	21:49	21:49	21:49	*D4	21:49		21:49		21:46	22:06	
QFA740	20:19	20:24	QFA540	VHVXA	73H	BNE	21:54	21:54	21:54	*D1	21:54		21:54		21:50	22:11	
QFA012	13:31	13:36	QFA001	VHOQH	388	SIN	21:54	21:54	21:54	*18	21:54		21:54			22:14	
QFA454	21:03	21:08	QFA473	VHVZP	73H	MEL	22:04	22:04	22:14	UNK_7	22:04		22:04			22:24	
QFA144	20:03	20:10	QFA147	VHXZD	73H	AKL	22:14	22:14	22:14	55	22:14		22:14			22:35	
QFA642	18:02	18:05	QFA475	VHVZQ	73H	MEL	22:19	22:19	22:19	*D12	22:19		(22:19)			22:39	
QFA458	21:42	21:45	QFA542	VHVZL	73H	BNE	22:24	22:24	22:24	*D5	(22:24)		(22:24)			22:44	
QFA436	17:13	17:18	QFA477	VHVXK	73H	MEL	22:34	22:34	22:34	*D3	(22:34)		(22:34)			22:55	
QFA923	21:11	21:17	QFA743	VHVYL	73H	ADL	22:39	22:39	22:39	13	(22:39)		(22:39)			23:01	
QFA064	18:29	18:32	QFA007	VHZNC	B789	DFW	22:44	22:44	22:44	*110	(22:44)		(22:44)			23:04	
QFA462	(22:29)	(22:36)	QFA544	VHVZD	73H	BNE	22:54	22:54	23:19	UNK_7	(22:56)		(22:56)			23:16	
QFA597	(15:27)	(15:34)	QFA481	VHVXR	73H	MEL	23:04	23:04	23:04	*D6	(23:04)		(23:04)			23:26	
QFA460	21:45	21:49												<u> </u>		23:35	23:36
QFA646	(21:57)	(22:04)			2											23:40	
					Joiumi	ns inc	ciudea	on do	λη Α-(ignts la	D			1		

Inbound Flight:

- Flight ID Inbound
- E/A Landing Time Inbound (Aerobahn)
- E/A In Block Time Inbound (Aerobahn)

Outbound Flight:

- Flight ID (Aerobahn)
- Registration (Aerobahn)
- Aircraft/Vehicle Type (Aerobahn)
- Destination Airport

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Scheduled Off Block Time (Aerobahn)

COMPANY RESTRICTED | NOT EXPORT CONTROLLED | NOT CLASSIFIED

Outbound Flight (cont'd):

- Estimated Off Block Time (Carrier)
- Estimated Off Block Time (ATC)
- Stand Assigned (Aerobahn)
- Target/(Target Auto) Off Block Time (Aerobahn)
- Actual Ready Time (Aerobahn)
- Target/(Target Auto) Startup Approval Time (Aerobahn)
- Actual Startup Approval Time (Aerobahn)
- Actual Off Block Time (Aerobahn)
- Target Take off Time (A-CDM)
- Calculated Takeoff Time (Aerobahn)



Arrivals 🔹											
673 Flights) [Filtere	d to 305 flights] All Flig	jhts.									
Flt ID (Aero)	AC Type (Aero)	Reg (Aero)	Orig	Runway Pred 🛛 🗸	E/ALDT (Aero)	E/AIBT (Aero)	Stand Asgn (Aero)	Stand Asgn (Aero	Stand Asgn Est Av	Div To	
QLK1928	E190	VHUZD	ADL	05	(01:42)	(01:46)					
JST570	A21N	VHOFL	MEL	27	08:44	(06:59)					
QTR004E	B77W	A7BEE	DOH	19L	07:31	(07:38)					
UAE004R	B77W	A6EQC	DXB	19L	11:35	11:39					
VOZ792	B738	VHYIZ	CNS	19L	12:46	12:49					
JST889	A320	VHVFI	MKY	19L	13:57	14:00					
TFX023	B734	ZKTLL	MEL	19L	17:51	17:54					
QFA016	A332	VHEBO	LAX	19L	18:46	18:51					
JST010	B788	VHVKJ	NRT	19L	20:09	20:15					
UAE434											
QEA1999			Colui	nne inclu	idad on	Arrivals	Tah				
			Colui			Allivais	ιαυ				

- Flight ID (Aerobahn)
- Aircraft/Vehicle Type (Aerobahn)
- Registration (Aerobahn)
- Origination Airport
- Runway Predicted
- E/A Landing Time (Aerobahn)

- E/A In Block Time (Aerobahn)
- Stand Assigned (Aerobahn)
- Stand Assigned (Aerobahn) Status
- Stand Assigned Estimated Availability
- Diverted To



Departures *											0 8	×
7 Flights) [Filter	red to 271 flights] All	Flights.										
t ID (Aero)	AC Type (Aero)	Reg (Aero)	V Direction	Dest	Stand Asgn (Aer	Stand Asgn (Aer	Flt Orig Date	SOBT (Aero)	E/AOBT (Aero) 🔿	E/ATOT (Aero)	Carrier Group	
VOZ119	B738	VHYIZ	Outbound	ZQN			05/07/2024	00:15	00:29	00:39	VOZ	1
QFA986	B738	VHVYE	Outbound	MKY			05/07/2024	00:25	00:33	00:44	QFA	
QLK372D	DH8D	VHQOE	Outbound	ROK			05/07/2024	00:25	00:34	00:41	QFA	
QLK458D	DH8D	VHLQQ	Outbound	MOV			05/07/2024	00:35	00:36	00:43	QFA	
NJR	E55P	VHNJR	Outbound	ROK			05/06/2024	23:00	00:40	00:57	DGH	
VET	SVV4	VHVET	Outbound	THG			05/07/2024	00:45	00:43	01:01	DGH	
QFA061	A333	VHQPA	Outbound	NRT			05/07/2024	00:30	00:43	01:07	QFA	
FD449	B350	VHFDF	Outbound	EMD			05/07/2024	01:00	00:52	01:05	DGH	
QFA1862	E190	VHUZF	Outbound	TSV			05/07/2024	00:20	00:52	01:09	QFA	1
VOZ781			_				·			0	VOZ	
ED444			Colu	mne in	n hahuln	n Dona	rturde "	Tah		2	DOLL	

- Flight ID (Aerobahn)
- Aircraft/Vehicle Type (Aerobahn)
- Registration (Aerobahn)
- Direction
- Destination Airport
- Stand Assigned (Aerobahn)

- Stand Assigned (Aerobahn) Status
- Flight Origination Date
- Scheduled Off Block Time (Aerobahn)
- E/A Off Block Time (Aerobahn)
- E/A Take Off Time (Aerobahn)
- Carrier Group



Airport Workspace – Susp/Suffix S/T

Susp/Suffix S/T 🝷							
(4 Flights) ALL - Suspended,	ALL - Tactical, ALL - Swap.						
Call Sign (ATC/Aero)	Reg (Aero)	AC Type (ATC)	Dest (ICAO)	TOBT (Aero)/(TOBT 🕥 🗸	TSAT (Aero)/(TSAT Auto)	CTOT (Aero)	Has Suspended FP
VET	VHVET	SW4	YARM	(22:45)	(22:45)		×
VET	VHVET	SW4	YTNG	(03:10)	(03:10)		×
VET	VHVET	SW4	YCFS	(06:30)	(06:30)		×
CAL54	B18902	A359	RCTP	(12:50)			✓

This watchlist is used to easily identify flights created by Harmony for COBT swaps between carriers, and tactical releases.

These flights create a flight plan in Aerobahn that consumes a slot in the PDS. It is the airline's responsibility to suspend/cancel flights within Aerobahn to remove these flights from the PDS.

- Swap Flights (S): Flights with a Call Sign ending with "S"
- Tactical Flights (T): Flights with a Call Sign ending with "T"

*Note: All flights with Call Signs ending in S, and T are included in Flight Watchlist View. Some may not be flights that are part of a Swap or Tactical Release.



Airport Workspace – Counters

Arrivals Counters





Airport Workspace – Counters

Departures Counters





Airport Workspace – Map Displays

Map Display

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- Situational Awareness at **Surface**, **Gate**, and **Terminal** zoom levels.
- View of the aerodrome with active and persisted aircraft.
- Actions available:
 - Left Mouse Button/Click
 - $\circ \quad \text{Click}-\text{Select Target}$
 - \circ Hold and drag Move Map
 - Center Scroll Wheel
 - \circ Forward Zoom in
 - o Back Zoom out
 - Hold and drag Move map while maintaining target selection
 - Right Mouse Button/Click
 - Click Various menu options



Airport Workspace – Milestone Profile

A-CDM Milestone Profile

- Milestones turn green as the flight meets each milestone
- Flight listed in upper left is arrival flight (QFA510 in screenshot)
- Flight listed in upper right is departure flight (QFA619 in screenshot)
- Left clicking on arrival or departure flight will highlight flight on all tools in the workspace.





Airport Workspace – Selection Details

Selection Details

- Provides select information for a selected target – multiple tabs available:
 - **Properties** = Data for target flight
 - **Taxi Route** = Region by region path of aircraft
 - Show Route on Map = Display the highlighted taxi route path in the Map Display tools (i.e. the Surface Display)
 - Active Rules = Will show all Dynamic Rule data active for the selected target
 - Workflow State = Any enter/exit times for Workflows affecting the selected target

Selection Details •						⊂ a ×
T QFA619						
Workflow State History	Flow Restrictions	Passenger	Connections	Flight Crew	Turn Events	
Properties		Taxi R	loute		Active Rul	es
1	Field			1	/alue	
Actual Startup Request T	îme (Aerobahn)					^
Actual Startup Request T	îme (Manual)					
Actual Take Off Time (AT	TC)		01:58			
Actual Take Off Time (Ae	erobahn)		01:58			
Actual Take Off Time (Ca	arrier)					
Actual Take Off Time (M	anual)		01.50			_
Actual Take Off Time (Su	Irveillance)		01:58			
Actual Tow Duration (Ac	vobahn)					
Actual Tow Duration (Ca	rrier)					
Actual Tow Duration (Ma	anual)					
Actual Tow Duration (Su	rveillance)					~
A-CDM Milestones	Selection Details					



Airport Workspace – Operation Counts

Operation Counts and Demand

- Number of Actual/Predicted Arrivals (orange) and Actual/Predicted Departures (blue) on all runways in a 24 hour period.
- Blue vertical line shows current time, with 2 hours to the left in the past and 22 hours to the right in the future.





Airport Workspace – TOBT Quality Graph

TOBT Quality Graph

Graph indicating the TOBT Quality each hour – for the airport overall and individual airlines.

Early ARDT – number of flights with ARDT before the +/-5 minute TOBT window.

TOBT Compliant - number of flights with ARDT in the +/-5 minute TOBT window.

Lost TOBT – number of flights that did not receive ARDT in the +/- 5 minute TOBT window and TOBT was lost.



There are individual tabs for All Flights, JST, QFA, RXA, UTY, VOZ, Other.



A-CDM Support

HOW TO ACCESS SUPPORT



COMPANY RESTRICTED | NOT EXPORT CONTROLLED | NOT CLASSIFIED

Contact Us

- All inquiries should be directed to your local Service Desk.
- Service Desk personnel are trained for first level of support.
- If required, your local Service Desk will escalate the issue to Saab Customer Service.
- Saab Customer Service provides support 24 x 7 x 365





For more information on A-CDM, reach out to your key A-CDM contact or email <u>acdmprogram@airservicesaustralia.com</u>.

