A-CDM Data Checklist Template for Airports

Purpose:
This checklist supports airport stakeholders in identifying, collecting, and preparing operational data needed for the successful implementation of A-CDM, in accordance with ICAO Doc 9971.

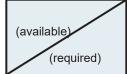| Data Category	Data Element	Source	Availability (Y/N)	Update Frequency	Remarks/Comments
Flight Information	Scheduled Time of Arrival (STA) / Departure (STD)	Airline / ATC			
	Actual Time of Arrival (ATA) / Departure (ATD)	Airline / Airport Ops			
	Estimated Off-Block Time (EOBT)	Airline / Ground Handler			
	Aircraft Registration & Type	Airline			
Turnaround Milestones	Aircraft In-block Time (AIBT)	Airport Ops			
	Aircraft Off-block Time (AOBT)	Airport Ops			
	Boarding Begin / End Times	Airline / Airport			
	Refueling Start / End Time	Fuel Provider			
	Catering Load / Unload Time	Catering Provider			
	Cleaning Completion Time	Ground Handler			
	Target Off-Block Time (TOBT)	Airline / Ground Handler			
Airside Operations	Runway Condition & Availability	ATC / Airport Ops			
	Taxiway Occupancy Status	ATC			
	Stand/Gate Assignment	Airport Ops			
	Pushback Start / End Time	Ground Handler			
ATC & ANSP Data	Slot Time Allocations	ANSP / CAA			
	Departure Sequence	ATC			
	Clearance Delivery Times	ATC			
	Target Start-up Approval Time (TSAT)	ATC			
Infrastructure Readiness	A-CDM IT System Available?	Airport / CAA			
	Real-time Data Integration Capability	Airport IT Dept			
	Secure Role-Based Access to Shared Data	IT Provider / Airport			
	Internet/Data Connectivity Quality	Airport IT			

Instructions for Use:

- Each stakeholder (airport operator, ANSP, airline, ground handler, etc.) should complete the checklist for their respective data responsibilities.
- Use the "Availability" and "Update Frequency" columns to identify data gaps.
- Review results collaboratively to prioritize integration efforts during A-CDM implementation.
- Appendix 1 provides an inventory checklist of data available and/or required for operations at the specific airports considered

APPENDIX 1:

A-CDM DATA INVENTORY CHECKLIST FOR ARRIVAL AND DEPARTURE FLIGHTS

Chapter 4 -Implementation phase
Attachment 4.6

The Airport CDM Implementation Inventory Checklist is a quick reference matrix which aims to describe as accurately as possible the data available per airport partner, indicate possible accuracy variations and identify areas with room for improvement. The table forms an Inventory of data available and/or required.

(available) / (required)	Each local airport partner completes the corresponding column, indicating with YES or NO if a specific Data Item is available in their operational system in use and if it is actually required for their operation.

The column "Available in airport", indicates with YES whenever at least one airport partner has the specific Data Item available. When Airport CDM Information Sharing is implemented, the available Data Items will be shared amongst all airport partners.

Chapter 4 -Implementation phase
Attachment 4.6

Data item	ATC	Airport	Airline	GH	Available in XXX	For CDM	Remarks
Common for ARR & DEP flights							
Aircraft Registration						REQUIRED	
Aircraft Type						REQUIRED	
Ground Handling Agent						DESIRABLE	
Aircraft Parking Stand						REQUIRED	
MTTT						REQUIRED	
TOBT						REQUIRED	
Aircraft Status						REQUIRED	
Flight Type						REQUIRED	

Chapter 4 - Implementation phase
Attachment 4.6

Data item	ATC	Airport	Airline	GH	Available in xxx	For CDM	Remarks
DEP flights							
ICAO callsign						REQUIRED	
IATA callsign						DESIRABLE	
ADES						REQUIRED	
SID						DESIRABLE	
Boarding Gate						DESIRABLE	
Off-block time						REQUIRED	
SOBT						REQUIRED	
EOBT						REQUIRED	
AOBT							
Variable Taxi-out Time (EXOT)						REQUIRED	
Take off Time						REQUIRED	
ETOT						REQUIRED	
ATOT						REQUIRED	
CTOT						REQUIRED	

Alerts / Warnings	Available in Airport XXX	For CDM	Remarks
FPL Inconsistency		REQUIRED	
Airborne (from outstation)		REQUIRED	
MTTT		REQUIRED	
EOBT inconsistency		REQUIRED	
CTOT inconsistency		REQUIRED	
Boarding		REQUIRED	

Milestones	Available in Airport xxx	For CDM	Remarks
FPL Inconsistency		DESIRABLE	
CTOT allocation		REQUIRED	

ATOT - oustation		REQUIRED	
FIR entry		DESIRABLE	
Final		REQUIRED	
ALDT		REQUIRED	
AIBT		REQUIRED	
ACGT (start)		DESIRABLE	
TOBT (final)		REQUIRED	
TSAT (by ATC)		REQUIRED	
Start Boarding		REQUIRED	
ARDT		REQUIRED	
ASRT **(start up request)**		REQUIRED	
ASAT **(start up approval)**		REQUIRED	
AOBT		REQUIRED	
ATOT		REQUIRED	