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 | | | |

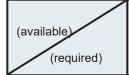
Instructions for Use:

- 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

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.



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.

| Data item | ATC | Airport | Airline | GH | Available in XXX | For CDM | Remarks |
|------------------------------|-----|---------|--------------|---------------|---------------------|-----------|---------|
| | | C | ommon for AF | RR & DEP fliç | ghts | | |
| Aircraft Registration | | | | | | REQUIRED | |
| Aircraft Type | | | | | | REQUIRED | |
| Ground Handling Agent | | | | | | DESIRABLE | |
| Aircraft Parking Stand | | | | | | REQUIRED | |
| МТТТ | | | | | | REQUIRED | |
| товт | | | | | | REQUIRED | |
| Aircraft Status | | | | | | REQUIRED | |
| Flight Type | | | | | | REQUIRED | |

| 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 | |
| СТОТ | | | | | | REQUIRED | |

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

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

| ATOT-outstation | 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 (startup request) | REQUIRED | |
| ASAT (startup approval) | REQUIRED | |
| AOBT | REQUIRED | |
| АТОТ | REQUIRED | |