



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Ninth Meeting of the AASPG Infrastructure and Information Management Sub-Group (IIM/SG9)

Dakar, Senegal, from 3 to 7 August 2026

Agenda Item 3: Achievements in Infrastructure and Information Management

3.4: Progress in the implementation of the AASPG IIM Projects

WP3.4J Progress Report on the AIM-AMDIFP Project — Implementation of Aerodrome mapping data sets and Instrument flight procedure data sets

(Presented by Kouakou Dominique Boussou, Project Team Coordinator)

SUMMARY
This working paper presents the status of implementation of the AIM-AMDIFP project, reviews the table on the identification and planning of assistance materials for Aerodrome mapping (AMD) and Instrument Flight Procedure (IFP) data sets, and identifies the main challenges facing the project team. The objective of the AIM-AMDIFP project is to develop assistance documents and tools required to support States of the AFI region in implementing Aerodrome (AD) mapping data sets and Instrument Flight Procedure (IFP) data sets, in accordance with Annex 15 and PANS-AIM (Doc 10066). Action by the meeting in paragraph 3
REFERENCE(S): ▪ ICAO Annex 15 — Aeronautical Information Services; ▪ ICAO Doc 10066 — PANS-AIM; ▪ ICAO Doc 8126 — Aeronautical Information Services Manual; ▪ AASPG1 Appendix 18B — AIM-AMDIFP Project Description; ▪ Global Air Navigation Plan.
This working document relates to ICAO Strategic Goals: <i>A-Every flight is safe and secure, C-Aviation delivers reliable, accessible and seamless mobility for all.</i>

1. INTRODUCTION

- 1.1 The AIM-AMDIFP project was established under the AASPG Infrastructure and Information Management Sub-Group (IIM/SG) to assist States of the AFI region in the implementation of Aerodrome Mapping (AMD) and Instrument Flight Procedure (IFP) data sets, in accordance with Annex 15 and PANS-AIM (Doc 10066).

- 1.2 The project runs from 30 July 2025 to 30 November 2027 and is facilitated by the ICAO Regional Officer, AIM/WACAF.
- 1.3 The Project Team is composed of twelve (12) experts nominated by Benin, Cameroon, Côte d'Ivoire, Ghana, Sierra Leone, Tanzania, Togo, Zambia and ASECNA, (**Appendix A**).
- 1.4 This paper reports on the activities carried out by the project team since IIM/SG8, reviews the table on the Identification and Plan of Development of the Assistance Materials for IFP data sets and AMD sets, and presents the challenges facing the project.

2. DISCUSSIONS

Activities carried out

- 2.1 Since IIM/SG8, the project team has held several virtual working sessions to identify the documents to be developed in support of IFP and AMD data sets implementation. The first session (1 October 2025) reviewed the documents initially distributed to team members, and the other sessions completed the identification of materials supporting IFP and AMD data sets.
- 2.2 A validation session, held on 4 March 2026, reviewed and validated the deliverables identified for both data sets. It took into account the observations raised during the identification exercise and applied the newly adopted guide "Guidance on the Identification of Assistance Materials", which introduced a harmonized nomenclature (AFI_XXX_TEMP_TYPE_YYY), aligned the materials with the relevant Critical Elements of State safety oversight (CE-2, CE-4, CE-5, CE-6 and CE-7), and structured the exercise around the stakeholders concerned by each data set.
- 2.3 To support ongoing collaboration between sessions, a shared "AIM AMDIFP" folder has been created for the storage and sharing of project data and working documents among project team members.

Identification of Assistance Materials and Plan for their development

- 2.4 On this basis, assistance materials were identified for three categories of stakeholders:
- for IFP data sets — CAA, AIS/AISP and the IFP Design Provider (IFPD);
 - for AMD data sets — CAA, AIS and the Aerodrome Operator.

The table below summarizes the number of materials identified to date; the full list, as validated by the project team, is provided at **Appendix B**.

Stakeholder	IFP data sets (materials identified)	AMD data sets (materials identified)
Civil Aviation Authority (CAA)	16	13
AIS / AISP	9	9
IFP Design Provider (IFPD) / Aerodrome Operator	6	8
Total identified	31	30

Challenges

- 2.5 The project team shares with the meeting the following challenges:
- **Expert availability:** several nominated experts hold operational responsibilities within their Administrations, which constrains their availability for virtual working sessions and affects the pace of document review and validation;

3. ACTIONS BY THE MEETING

- 3.1 The meeting is invited to :
- a) note the status of implementation of the AIM-AMDIFP project and the activities carried out by the project team since IIM/SG8, including the establishment of the shared "AIM AMDIFP" folder for project collaboration;
 - b) review and endorse the table on the Identification and Plan of Development of the Assistance Materials for IFP and AMD data sets, established in accordance with the guide "Guidance on the Identification of Assistance Materials", at **Appendix B**;
 - c) note the challenges identified in paragraph 2.5 by the project team, particularly the availability of nominated experts; and
 - d) urge States and Organizations to sustain the availability of their nominated experts and to support the timely, bilingual completion of the identified deliverables.

----- END -----

Appendix A**AIM-AMDIFP Project Team Composition**

N°	Name	State / Organization
1	BOUSSOU Kouakou Dominique (PTC)	Côte d'Ivoire / SODEXAM
2	MADANGUI Ange	ASECNA
3	NIAMPA Hamidou	ASECNA
4	OGOUBIYI Mouléro Romaric	Benin
5	TANO BOSSON Ange	Côte d'Ivoire
6	Edmund Anno-Nyako	Ghana
7	John Foday Mbemba	Sierra Leone
8	Davis Mangapi	Tanzania
9	SEMENYA Edem Koudjo	Togo
10	LARE Yendoubouame	Togo
11	Mukuka Besa	Zambia
12	NJOCK Tanguy Francis	Cameroon

IIM/SG9 WP3.4J-Appendix B

Appendix B

Identification of assistance materials and Plan for development

Table 1 — Assistance materials for IFP data sets (31 materials)

IDENTIFICATION AND PLAN OF DEVELOPMENT OF THE ASSISTANCE MATERIALS				
Project: AIM IFP — Implementation of Instrument flight procedure data sets — Period: 30/07/2025 to 30/11/2027				
Code (1)	Title (2)	Type (3)	Target date (5)	Experts — lead in brackets (6)
Documents for the CAA (Regulations, Guidance, Procedures, Checklists, Training) — 16 materials				
AFI_IFP_TEMP_REG_001	AFI IFP Data sets regulatory framework template	SARPs transposition	2026-10-01	(NJOCK) TANO
AFI_IFP_TEMP_GUI_001	AFI Guidelines for IFP Data sets Implementation – Template	Guidance	2026-10-01	(LARE) TANO MADANGUI
AFI_IFP_TEMP_GUI_002	AFI Guidelines for the development of IFP Data Operating procedure - template	Guidance	2026-10-01	(NJOCK) TANO
AFI_IFP_TEMP_GUI_003	AFI Guidelines for Developing an IFP Dataset Publication Procedure – Template	Guidance	2026-10-01	(JOHN)
AFI_IFP_TEMP_APV_PRO C_001	AFI Procedure for Approving an IFP data Operating procedure - Template	Procedure	2026-10-01	(ROMARIC) NJOCK
AFI_IFP_TEMP_APV_CH KL_001	Checklist for the Approval of IFP Data Operating Procedures - Template	Checklist	2026-10-01	(ROMARIC) NJOCK
AFI_IFP_TEMP_INS_PRO C_001	AFI Oversight procedure for IFP Data	Procedure	2026-10-01	(JOHN)
AFI_IFP_TEMP_INS_CHK L_001	Checklist for the oversight of IFP Data	Checklist	2026-10-01	(JOHN)
AFI_IFP_TEMP_INS_PRO C_002	AFI Oversight procedures for IFP Data sets - Template	Procedure	2026-10-01	(TANO) ROMARIC LARE
AFI_IFP_TEMP_INS_CHK L_002	Checklist for the oversight of IFP Data Sets	Checklist	2026-10-01	(TANO) ROMARIC LARE
AFI_IFP_TEMP_APV_PRO C_002	AFI Procedure for IFP Data Sets approval	Procedure	2026-10-01	(JOHN) TANO NJOCK
AFI_IFP_TEMP_APV_CH KL_002	Checklist for IFP Data Sets approval	Checklist	2026-10-01	(JOHN) TANO NJOCK
AFI_IFP_TEMP_APV_PRO C_003	AFI Approval Procedure for IFP Data Set Publication – Template	Procedure	2026-10-01	(JOHN)
AFI_IFP_TEMP_APV_CH KL_003	Checklist for the Approval of IFP Dataset Publication – Template	Checklist	2026-10-01	(JOHN)
AFI_IFP_TEMP_IMP_PLN_001	AFI IFP Data Sets Implementation plan for CAA	Implementation plan	2026-10-01	(NJOCK) TANO
AFI_IFP_INS_TRG_001	AFI Training for IFP Data Sets Implementation - Template	Training	2026-10-01	(TANO) NJOCK
Documents for the AIS/AISP (Operating procedures, TORs, SLAs, Implementation plans, Training) — 9 materials				
AFI_IFP_TEMP_AISP_PR OC_001	AFI Operating Procedure for the implementation of IFP Data Sets - Template	Procedure	2026-10-01	(LARE) MADANGUI
AFI_IFP_TEMP_OPR_SLA_001	Service Level Agreement between AISP and IFP Design Organizations	Service Level Agreement (SLA)	2026-10-01	(LARE) MADANGUI NIAMPA
AFI_IFP_TEMP_AISP_CH KL_001	Checklist for the Reception and Preliminary Review of IFP Data Packages	Checklist	2026-10-01	(LARE) MADANGUI NIAMPA
AFI_IFP_TEMP_AISP_CH KL_002	AFI Checklist for the Management and Validation of IFP Data	Checklist	2026-10-01	(LARE) MADANGUI NIAMPA
AFI_IFP_TEMP_AISP_PR OC_002	AFI Operating procedure for Managing Errors in the process of publishing IFP Data Sets	Procedure	2026-10-01	(LARE) MADANGUI NIAMPA
AFI_IFP_TEMP_SYS_TOR_001	Terms of Reference for the Acquisition of AIS system for the management of IFP Data and IFP Datasets	Terms of Reference (TOR)	2026-10-01	(MADANGUI) NIAMPA
AFI_IFP_TEMP_SYS_PLN_001	AISP action plan for the acquisition of AIS system for the management of IFP Data and IFP Datasets	Action plan	2026-10-01	(MADANGUI) NIAMPA
AFI_IFP_TEMP_IMP_PLN_002	AFI IFP Data Sets Implementation Plan for AISP	Implementation plan	2026-10-01	(LARE) MADANGUI

AFI_IFP_AISP_TRG_001	AFI Training for IFP Datasets Implementation - Template	Training	2026-10-01	(TANO) NJOCK
Documents for the IFP Design Provider (Operating procedures, TORs, SLAs, Implementation plans, Training) — 6 materials				
AFI_IFP_TEMP_IFPD_PR OC 001	AFI Operation procedure for IFP Data Implementation - template	Procedure	2026-10-01	(NIAMPA) LARE
AFI_IFP_TEMP_SYS_TOR_002	Terms of Reference for the Acquisition of IFP Design Tools	Terms of Reference (TOR)	2026-10-01	(MADANGUI) NIAMPA NJOCK
AFI_IFP_TEMP_SYS_PLN_002	IFPD action plan for the acquisition of IFP Design Tools	Action plan	2026-10-01	(MADANGUI) NIAMPA NJOCK
AFI_IFP_TEMP_OPR_SL A_001	Service Level Agreement between AISP and IFP Design Organizations	Service Level Agreement (SLA)	2026-10-01	(LARE) MADANGUI NIAMPA
AFI_IFP_TEMP_IMP_PLN_003	IFP Data implementation plan for PDSP	Implementation plan	2026-10-01	(NIAMPA) LARE
AFI_IFP_IFPD_TRG_001	AFI Training for IFP Data Sets Implementation - Template	Training	2026-10-01	(TANO) NJOCK

Table 2 — Assistance materials for AMD data sets (30 materials)

IDENTIFICATION AND PLAN OF DEVELOPMENT OF THE ASSISTANCE MATERIALS				
Project: AIM AMD — Implementation of Aerodrome mapping data sets — Period: 30/07/2025 to 30/11/2027				
Code (1)	Title (2)	Type (3)	Target date (5)	Experts — lead in brackets (6)
Documents for the CAA (Regulations, Guidance, Procedures, Checklists, Training) — 13 materials				
AFI_AMD_TEMP_REG_001	AFI AMD sets regulatory framework - Template	SARPs transposition	2026-10-01	(JOHN) TANO NJOCK
AFI_AMD_TEMP_GUI_001	AFI Guidelines for AMD sets Implementation - Template	Guidance	2026-10-01	(EDEM) TANO NIAMPA MADANGUI
AFI_AMD_TEMP_GUI_002	AFI Guidelines for the development of AMD Operating procedure - template	Guidance	2026-10-01	(NJOCK) TANO
AFI_AMD_TEMP_GUI_003	AFI Guidelines for developing an AMD set Publication Procedure - Template	Guidance	2026-10-01	(JOHN)
AFI_AMD_TEMP_APV_P ROC 001	AFI Aerodrome Mapping Data Sets Approval procedure	Procedure	2026-10-01	(ROMARIC) NJOCK
AFI_AMD_TEMP_INS_PR OC 001	AFI Oversight Procedures for Aerodrome Mapping Data Sets	Procedure	2026-10-01	(JOHN)
AFI_AMD_TEMP_APV_C HKL 001	Checklist for Compliance of Aerodrome Mapping Data Sets	Checklist	2026-10-01	(JOHN)
AFI_AMD_TEMP_APV_C HKL 002	Checklist for the Assessment of Aerodrome Data Collection Methods	Checklist	2026-10-01	(JOHN)
AFI_AMD_TEMP_INS_CH KL 001	Checklist for oversight of AMD Data Originators and AMD Data Sets	Checklist	2026-10-01	(JOHN)
AFI_AMD_TEMP_INS_CH KL 002	Checklist for AMD sets oversight implementation	Checklist	2026-10-01	(JOHN)
AFI_AMD_TEMP_APV_P ROC 002	AFI Procedure for approving the AMD Publication Manual - Template	Procedure	2026-10-01	(JOHN)
AFI_AMD_TEMP_APV_C HKL 003	Checklist for Approving the AMD Publication Manual - template	Checklist	2026-10-01	(JOHN)
AFI_AMD_INS_TRG_001	AFI Training for AMDB Implementation - Template	Training	2026-10-01	(TANO) NJOCK
Documents for the AIS (Operating procedures, TORs, SLAs, Implementation plans, Training) — 9 materials				
AFI_AMD_TEMP_AISP_P ROC 001	AFI Operating Procedure for the Implementation of AMD Data sets - template	Procedure	2026-10-01	(LARE) MADANGUI
AFI_AMD_TEMP_AISP_C HKL_001	AFI Checklist for the Reception and Preliminary Examination of Aerodrome Mapping Data	Checklist	2026-10-01	(LARE) MADANGUI NIAMPA
AFI_AMD_TEMP_AISP_C HKL_002	AFI checklist for the Management and Validation of Aerodrome Mapping Data	Checklist	2026-10-01	(LARE) MADANGUI NIAMPA
AFI_AMD_TEMP_AISP_P ROC_002	AFI Operating procedure for Managing Errors in the process of publishing AMD Sets	Procedure	2026-10-01	(LARE) MADANGUI NIAMPA
AFI_AMD_TEMP_SYS_T OR_001	Terms of Reference for the acquisition of AMDB Systems	Terms of Reference (TOR)	2026-10-01	(MADANGUI) NIAMPA
AFI_AMD_TEMP_SYS_PL N_001	AISP action plan for the acquisition of AMDB systems	Action plan	2026-10-01	(MADANGUI) NIAMPA
AFI_AMD_TEMP_OPR_SL A_001	Service Level Agreement between Aerodrome operator and AISP	Service Level Agreement (SLA)	2026-10-01	(LARE) MADANGUI NIAMPA
AFI_AMD_TEMP_IMP_PL N_002	AFI AMD Sets Implementation Plan for AISP	Implementation plan	2026-10-01	(MADANGUI) NIAMPA
AFI_AMD_AISP_TRG_001	AFI Training for AMD sets Implementation - Template	Training	2026-10-01	(TANO) NJOCK

Documents for the Aerodrome Operator (Operating procedures, TORs, SLAs, Implementation plans, Training) — 8 materials				
AFI_AMD_TEMP_AO_PR_OC_001	AFI Operation procedure for AMD Implementation - template	Procedure	2026-10-01	(NIAMPA) LARE NJOCK EDEM
AFI_AMD_TEMP_AO_PR_OC_002	AFI Operating Procedure for the acquisition of AMD	Procedure	2026-10-01	(EDEM) LARE NJOCK
AFI_AMD_TEMP_SVS_TOR_001	Terms of Reference for the Acquisition of Aerodrome Mapping Data	Terms of Reference (TOR)	2026-10-01	(MADANGUI) EDEM
AFI_AMD_TEMP_SVS_PLN_001	Aerodrome Operator action plan for the acquisition of AMD	Action plan	2026-10-01	(MADANGUI) EDEM
AFI_AMD_TEMP_AO_PR_OC_003	Operating Procedure for Verification, Validation and Quality Control of Aerodrome Mapping Data	Procedure	2026-10-01	(MADANGUI) EDEM
AFI_AMD_TEMP_OPR_SL_A_001	Service Level Agreement between Aerodrome operator and AISP	Service Level Agreement (SLA)	2026-10-01	(MADANGUI) EDEM
AFI_AMD_TEMP_IMP_PLN_003	AMD Implementation Plan for Aerodrome Operator	Implementation plan	2026-10-01	(MADANGUI) EDEM
AFI_AMD_AO_TRG_001	AFI Training Template for AMD sets Implementation	Training	2026-10-01	(TANO) NJOCK

Note: Column (4) "Description" of the validated table is not reproduced in this synthesis; the complete table is available in the shared "AIM AMDIFP" project folder.