Apoyo a los EM y Transición AIS/AIM en COCESNA

COCESNA

3 al 5 de septiembre de 2019 CDMX, México

Introducción

Con el objetivo de mejorar la seguridad operacional, COCESNA ha realizado las siguientes actividades.

- Mejorar la Gestión de Información Aeronáutica (AIM) para los Estados Miembros en Centroamérica.
- Toma de decisiones basada en la centralización de la información.

ANTECEDENTES

AFTN
1992

NOF
1998

AFTN
Actualizado
2009

Proceso de
oferta
2015

FASE I

MIGRACIÓN DE LOS EM AIM-TopSky 2017

FASE II

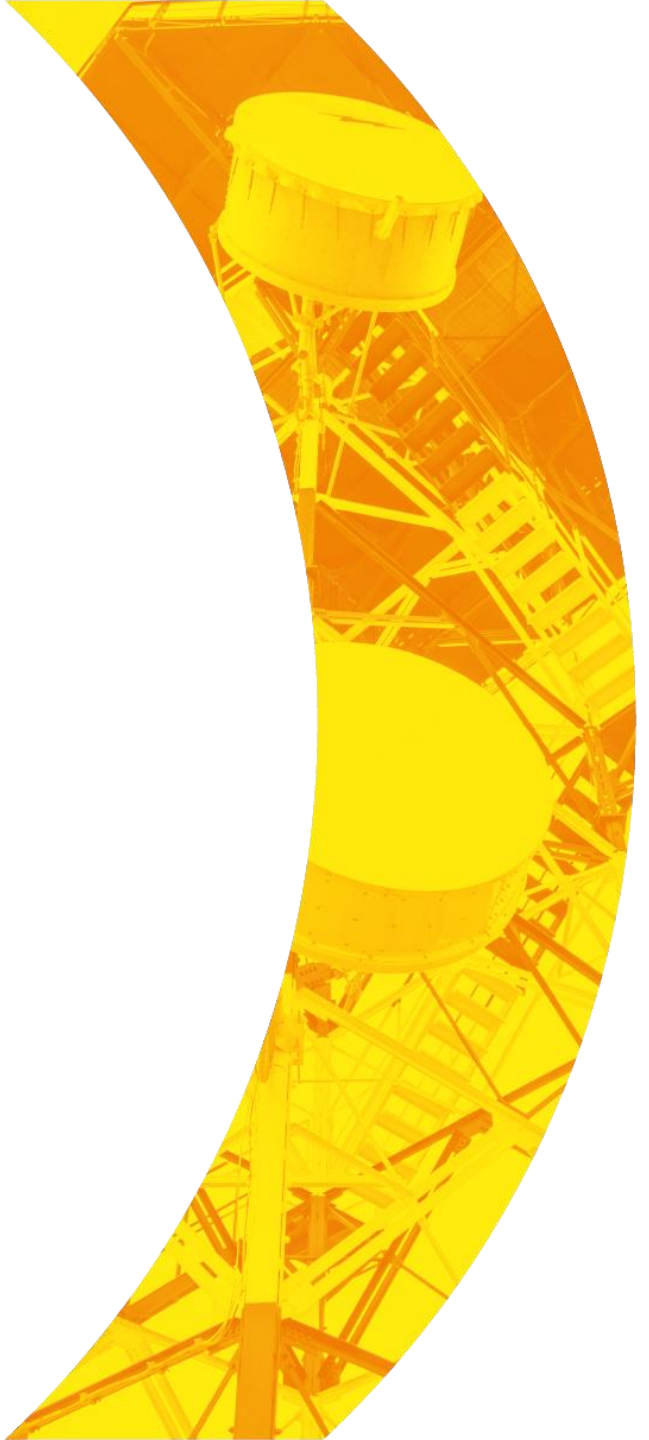
Implementación de la Centralización de la Base de datos 2017

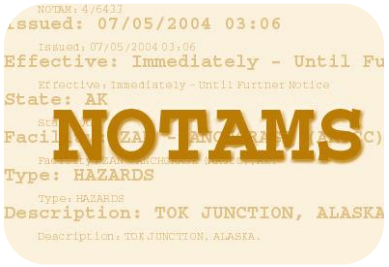
FASE III

Implementación de un Centro de Operaciones 2018

FASE IV
Integración de la Información Aeronáutica de los EM 2019

Servicios que proporciona el Centro de Operaciones AIM





OFICINA NOTAM

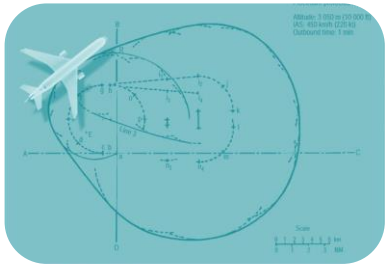
AIP

TopSky eAIP

AIP

TopSky AIXM

CARTOGRAFÍA



PANSOPS

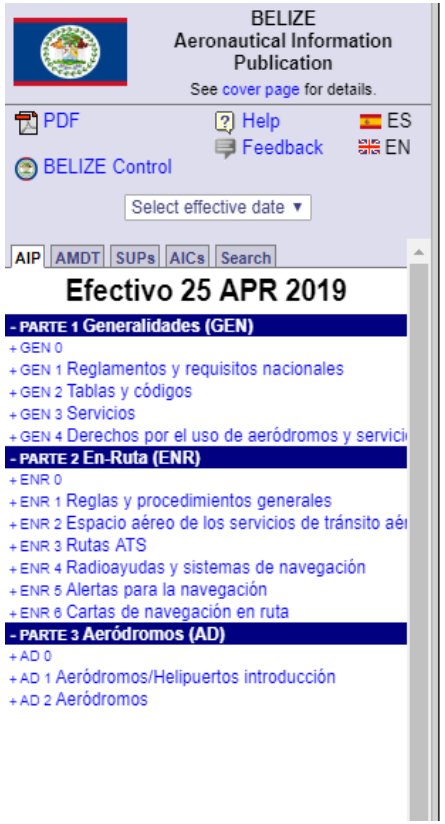
ENTRENAMIENTO

1. Gestión de NOTAM; Base de Datos NOTAM
2. Servicio de contingencia
3. Servicio de retransmisión MET

PUBLICACIÓN DE INFORMACIÓN AERONÁUTICA

1. Uso de los servidores de COCESNA para poner a disposición los eAIP de algunos EM.
2. AIP convencionales migrados a eAIP.

eAIP BELICE



Información sobre este eAIP

Fecha de Efectividad: 25 APR 2019

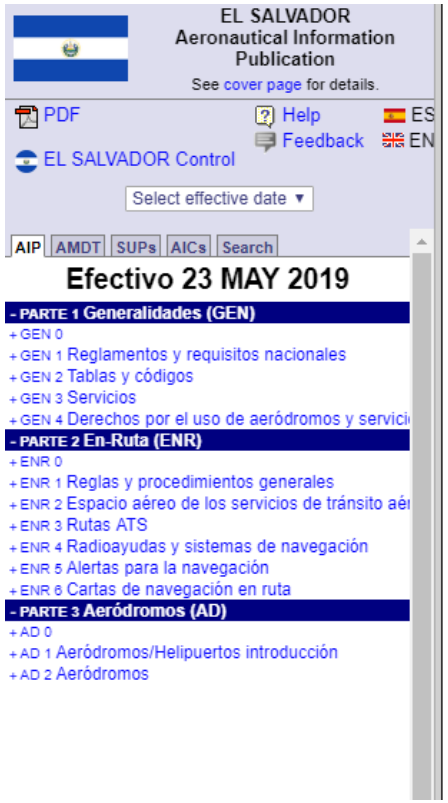
Fecha de Publicación: 14 MAR 2019

Descripción

This eAIS package contains:

- AIRAC AMDT

eAIP EL SALVADOR



Información sobre este eAIP

Fecha de Efectividad: 23 MAY 2019

Fecha de Publicación: 11 APR 2019

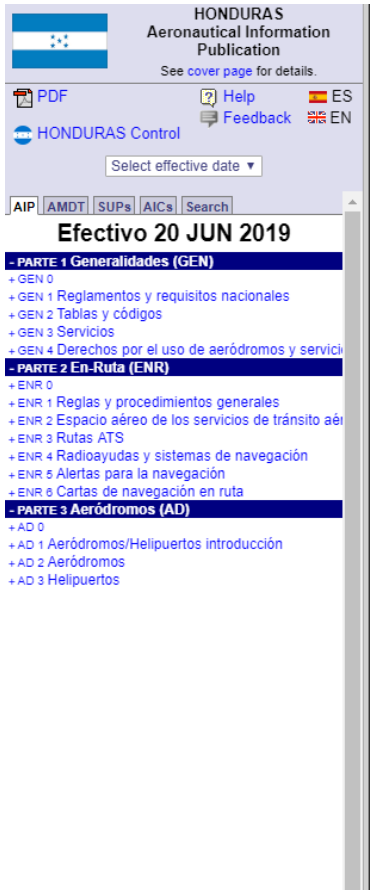
Descripción

This eAIS package contains:

- AIRAC AMDT

eAIP NICARAGUA

eAIP HONDURAS



Información sobre este eAIP

Fecha de Efectividad: 20 JUN 2019

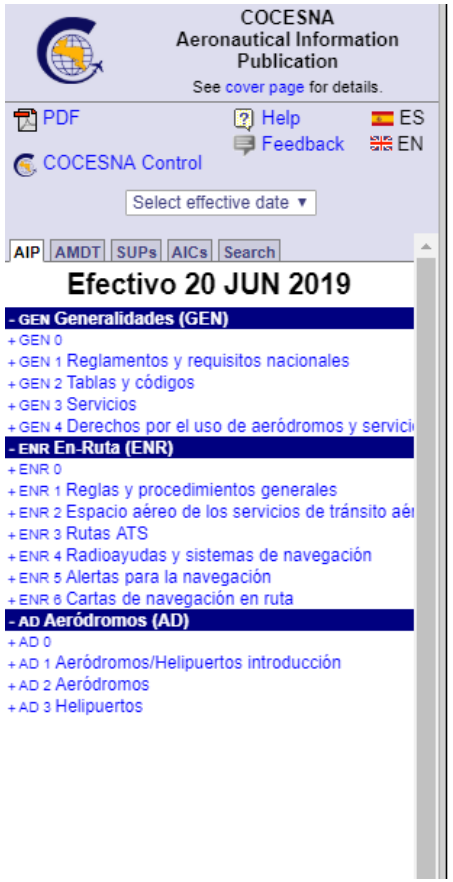
Fecha de Publicación: 09 MAY 2019

Descripción

This eAIS package contains:

- AIRAC AMDT

eAIP COCESNA



Información sobre este eAIP

Fecha de Efectividad: 20 JUN 2019

Fecha de Publicación: 03 JUN 2019

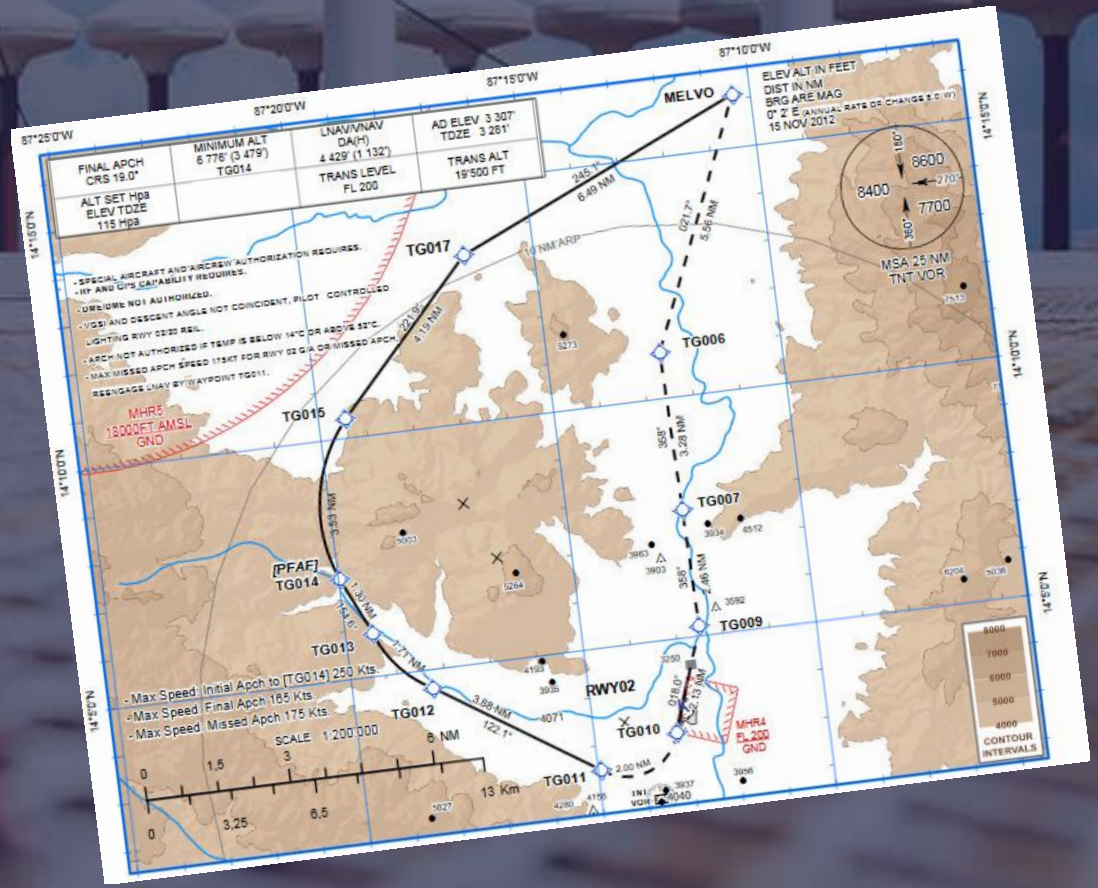
Descripción

This eAIS package contains:

- Non-AIRAC AMDT

CARTOGRAFÍA

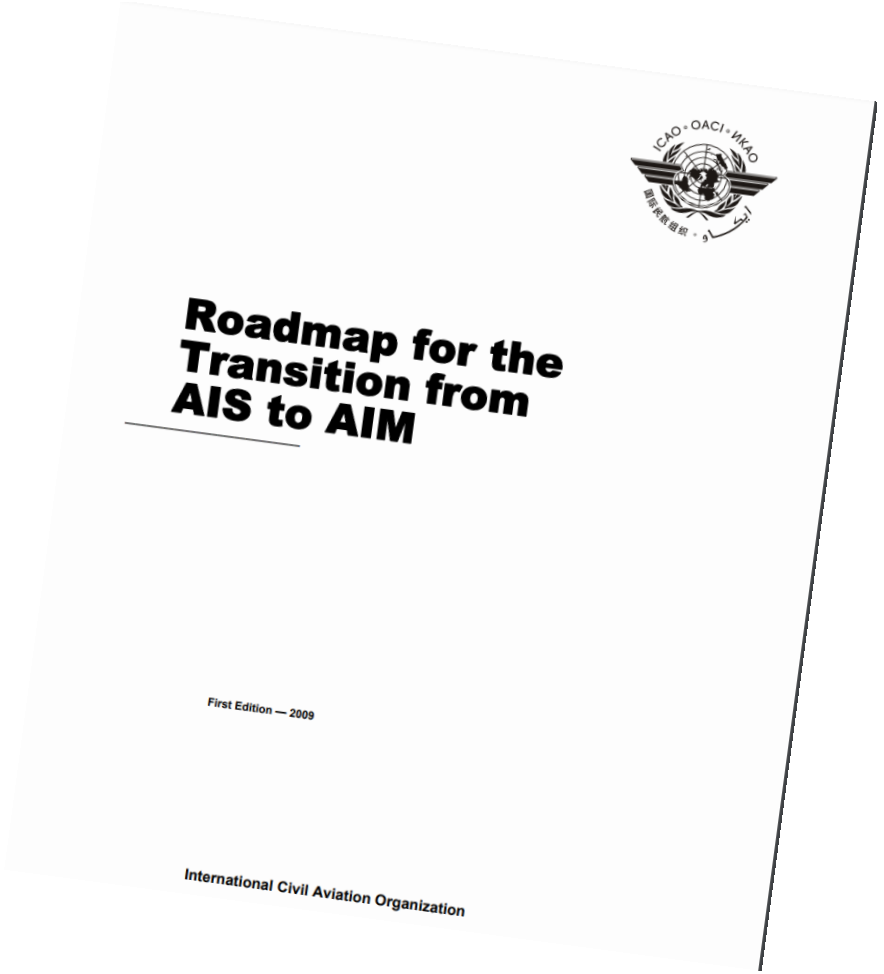
Desarrollo de la cartografía aeronáutica utilizada en la eAIP.



ENTRENAMIENTO

- Básico AIM
- Documentación Integrada
- NOTAM
- Recurrentes
- Cartografía Aeronáutica
- Publicaciones Aeronáuticas
- PANS-OPS-PBN
- PANS-OPS Convencional
- Entrenamiento en el puesto de trabajo
- Entrenamiento a necesidad del usuario
- Verificación y validación de datos

AVANCES
HOJA DE RUTA
TRANSICIÓN AIS/AIM



Phase/Step	Step No.	TimeLine																				Start Date MM / DD / YY	(Planned) End Date MM / DD / YY	COCESNA	Remarks
		2019				2020				2021				2022				2023							
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
Phase I																									
AIRAC adherence	P-03	√	√																					√	COCESNA adheres to the AIRAC Cycle for publication and amendement of its aeronautical information
Monitoring of Annex differences	P-04	√	√																					√	COCESNA is following the amendments application, also partipating in ICAO workshops related with Doc 10066 PANS-AIM.
WGS-84 implementation	P-05	√	√																					√	Responsabidad de los Estados, COCESNA resp. Cartografia , GE para refererencia
QMS	P-17	√	√																					√	COCESNA has obtained Qualitly Management Certification of its services which include services provided by its AIM Department.

Phase/Step	Step No.	TimeLine																				Start Date MM / DD / YY	(Planned) End Date MM / DD / YY	COCESNA	Remarks
		2019				2020				2021				2022				2023							
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
Phase II																									
AIXM	P-06	√	√																					√	Software solution database is based on AIXM 5.1
Unique identifiers	P-07																							√	Compliant
Aeronautical information conceptual model	P-08	√	√																					√	Software solution database is based on AIXM 5.1
eAIP	P-11	√	√	√	√																	1-Jun-19	30-Nov-19	√	COCESNA has coordinated the migration of 4 Member State AIPs to eAIPs in AIXM Format. Pending is the e AIP Migration of 2 COCESNA Member States
Terrain A-1	P-13																							na	As an Aeronautical Data originator, ANSP and also as part of the technical assistance provided to member states, COCESNA maintains a database/repository with DTM and ostacle information to support its AIM products and services however COCESNA manintains that the full responsibility of the implementation of eTOD falls on each Member State
Obstacle A-1	P-14																							na	
Terrain A-4	P-13																							na	
Obstacle A-4	P-14																							na	
Terrain A-2[1]	P-13																							na	
Obstacle A-2[2]	P-14																							na	
Terrain A-3	P-13																							na	
Obstacle A-3	P-14																							na	
Aerodrome Mapping	P-15	√	√																					√	Compliant

Phase/Step	Step No.	TimeLine																				Start Date MM / DD / YY	(Planned) End Date MM / DD / YY	COCESNA	Remarks
		2019				2020				2021				2022				2023							
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
Phase III																									
Aeronautical information briefing	P-12	v	v																					v	COCESNA has acquired and implemented a state of the art AIM software solution that enhances the management of NOTAMs and the provision of Aeronautical information briefing service.
Training	P-16	v	v																					v	COCESNA provides comprensive and recurrent training of its AIM personnel at its regional training center ICCAE and also in other institutions worldwide.
Agreement with data originators	P-18	v	v	v	v	v	v	v	v	v	v	v	v									1-Jan-18	31-Dec-21	v	Currently a work in progress which is in the developmental stage
Interoperability with meteorological products	P-19	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	1-Jan-18	31-Dec-23	v	Currently a work in progress which needs to be coordinated in conjunction with local and regional MET data providers
Electronic aeronautical charts	P-20	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v					1-Jun-18	31-Dec-22	v	COCESNA has delopyed the enablers and made progress towards the implmentation of e Charts with the use of its AIM solution,digital aeronautical database and GIS software.
Digital NOTAM	P-21							v	v	v	v	v	v	v	v	v	v	v	v	v	v	1-Jun-20			To date work has not commenced to implement this step although the enablers have been deployed. Full implementation of d NOTAM by the end of 2023 is not certain

[1] Please specify implementation of Area 2a, 2b, 2c and/or 2d

[2] Please specify implementation of Area 2a, 2b, 2c and/or 2d

1	**Not Started** (leave empty)	0%
2	**Initial Stage**	1 - 25 %
3	**Developing Stage**	26 - 50 %
4	**Advanced Stage**	51 – 75 %
5	**Finalizing Stage**	76 – 99 %
6	**Fully Implemented**	100%
7	**Implemented through a third party**	100%
8	**Scheduled to be completed and/or fully implemented by this date / period**	Provide more information
9	**Will not implement this step** (Fill all years grey)	Provide reason

Legend*[1] - Please use this color guidance chart to fill out cells in this form accordingly. Enter the number corresponding with the status into a cell (in the correct year(s)), for the status of the AIS Unit. Use the same method to fill out an implementation target date/year, if the step has not been completed and/or fully implemented yet! Refer to the example tab, for an example of a filled out form. All cells must be filled out untill the completion or current status. See the EXAMPLE

State/AIS Unit to fill ▼	
State	COCESNA
Title	
Member of the ICAO NACC AIM TF?	Yes
Name	Jenny Lee

OFFICIAL USE B	
Country / Countries	COCESNA
Date form is filled out	25-Jun-19
e-mail	ernest.arzu@cocesna.org
Name:	Ernest Arzu

[1] Please provide details / reason / in the "Remarks" column for each step!

COCESNA

¿Preguntas?

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www.cocesna.org

¡Muchas Gracias!