

Current AIS Chart Amendment Process

September 2019

AIS Rwanda Not Automated

Currently AIS Rwanda receives aeronautical data Manually and processes the data manually.

How AIS corrects Raw Data from Raw Data Providers

This service involves the collection and processing of aeronautical data and aeronautical information/including surveyed data required for development and maintenance for the production of aeronautical maps and charts included in the AIP and others outside the AIP.

Raw data correction form is on next slide.



RWANDA AIRPORTS COMPANY

AIR NAVIGATION SERVICES

AERONAUTICAL INFORMATION MANAGEMENT

(AIM)

Tel: 0724123076

Document Number
RAC/ANS/AIM003
Revision: 2

Aeronautical Information Promulgation Advice Form

Page 1 of
Sensitive None sensitive

All portions of this form must be completed. One copy of this form should be submitted for each section of the AIP involved (e.g. GEN, ENR, AD)

ORIGINATOR

Name:
Department..... Tel.....
Date: 00/00/00 Signature 000

Originator's file reference	AIP reference(as applicable)				Text of NOTAM, AIP Amendment and/or AIP Supplement	Effective date***	For promulgation As **
	Page (date)*	paragraph	Line	Column			

*All AIP pages affected by each amendment should be quoted.
** used A, S or N when your text message is promulgated as
*** Effective date to follow AIRAC

A — for AIP amendment
S — for AIP supplement
N —for NOTAM

The following authorities have been consulted in respect of:
(a) Accuracy of Information

(b) Policy

Date and Signature

Date and Signature

The above particulars and/or the attached draft are authorized for publication as indicated.

Director of
Date and Signature

This is controlled document

Date of issue: March 2018

Recording of Aeronautical Data in Meta Data File

The raw data for production of aeronautical charts or maps is recorded in Cartography office meta data file using meta data file form.

Production of Charts

Cartography Officer will check the data and produce aeronautical charts or maps accordingly, after producing aeronautical charts or maps the produced charts or maps will be sent to the AIS quality officer for checking accuracy, integrity and classifications according to the Aeronautical data quality requirements related to integrity and data classification through MEMOs or emails.

Aeronautical data quality requirements

Latitude and longitude	Chart resolution	Integrity Classification
Flight information region boundary points	as plotted	routine
P, R, D area boundary points (outside CTA/CTR boundaries)	as plotted	routine
P, R, D area boundary points (inside CTA/CTR boundaries)	as plotted	essential
CTA/ CTR boundary points.....	as plotted	essential
En-route nav aids, intersections and waypoints, and holding, and STAR/SID points.....	1 sec	essential
Obstacles in Area 1 (the entire State territory).....	as plotted	routine
Aerodrome/heliport reference point.....	1 sec	routine
Nav aids located at the aerodrome/heliport.....	as plotted	essential
Obstacles in Area 3.....	1/10 sec	essential
Obstacles in Area 2.....	1/10 sec	essential
Final approach fixes/points and other essential fixes/points comprising the instrument approach procedure	1 sec	essential
Runway thresholds	1 sec	critical
Taxiway centre line/parking guidance line points.....	1/100 sec	essential
Runway end.....	1 sec	critical
Runway holding position.....	1 sec	critical
Taxiway intersection marking line.....	1 sec	essential
Exit guidance line.....	1 sec	essential
Apron boundaries (polygon).....	1 sec	routine
De-/anti-icing facility (polygon).....	1 sec	routine
Aircraft standpoints/INS checkpoints	1/100 sec	routine
Geometric centre of TLOF or FATO thresholds, heliports.....	1 sec	critical

Produced Charts will be sent to Manager AIS for Approval

- When quality officer is contented with the accuracy, integrity and classifications then the produced charts will be sent to the Manager AIS for approval. Then Manager AIS will submit the amended charts to RCAA for approval as AIP Amendment.

Stakeholders Satisfaction Procedure

After publication of any chart Cartography office issues stakeholders satisfaction questionnaires form to different end users of aeronautical charts for verification of comprehension and accuracy.

Stakeholders Satisfaction Form

Aeronautical Charts	Degree of Satisfaction				
	Very Dissatisfied	Dissatisfied	Undecided	Satisfied	Very Satisfied
1) Degree of RAC Aeronautical Charts compliance with ICAO SARPS.					
2) Degree of accuracy of the published Aeronautical Charts eg. En-route Chart, Aerodrome charts, SIDS AND STARS, Visual Approach Charts, Packing and Docking Charts etc.					
3) Quality of the aeronautical charts					
4) Availability of reference Aeronautical Charts in the Aerodrome units.					
5) Easiness of locating Aeronautical charts in the AIP					
Comment					

Thank You Very Much for your kind
Attention