

 <p>SOUTH AFRICAN CIVIL AVIATION AUTHORITY</p>	<p align="center">REPUBLIC OF SOUTH AFRICA</p> <p align="center">CIVIL AVIATION AUTHORITY</p> <p align="center">AERONAUTICAL INFORMATION CIRCULAR</p>	<p>CAA Private Bag x73 Halfway House 1685</p>
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AERODROMES

GENERAL

NOTIFICATION OF AERODROME DATA AND INFORMATION FOR AERODROMES CATEGORY 1,2 & 3

Purpose

The purpose of this AIC is to advise and communicate to the licensed South African Aerodrome Operator Community, specifically the Aerodromes of categories 1, 2 & 3, of the requirement to submit their Aerodrome data and Information to SACAA (Aerodrome and Facilities Department), in compliance with the licensing requirement under Civil Aviation Regulation Sub-Part 2.

Introduction

To support compliance with the Regulation CAR 139 & CAR 175, ICAO Annex 4, Annex 11 and Annex 14 and Annex 15, and also based on the integrity of aeronautical data and information published in the AIP, Aeronautical information data/information integrity and accuracy shall be maintained to provide accurate positional information to enable the aerodrome operators to meet their safety responsibilities and provide the data required by all stakeholders.

As mandated by the State and ensured by the SACAA, it is necessary to continuously review and appropriately update Aeronautical data/information.

Background

Civil Aviation Regulations 139.02.23 (3)(g)(i) requires Aerodromes, licensed under CAR Regulations Sub-Part 2, to report the Aerodrome aeronautical data/information on an annual basis to the Director of Civil Aviation.

The reported data should be verified and accurate for publishing in the Aeronautical Information Publication (AIP). It has been noted however, by the SACAA, that some Aerodromes for license Categories 1, 2 & 3 have not been complying with this licensing requirement and this has resulted in unreliable and outdated aeronautical data/information published in the AIP.

Notification to all Aerodrome Operators

All aerodromes license Categories 1, 2 & 3 are hereby requested to submit updated Aeronautical Data and Information to the Director of Civil Aviation Authority on or before 31 December 2021.

The data required should be completed and submitted using the template below.

Kindly note that Section AD 2.12 (Runway Physical Characteristics) is mandatory & AD 2.13 (Declared Distances) shall be provided when available.

Failure by Aerodromes to comply with this request, will result in such Aerodromes be handed over for legal enforcement action and suspension of the aerodrome license may be recommended.


DIRECTOR OF CIVIL AVIATION

Template of the Required Information

AD 2 AERODROMES

FAXX AD 2.1 Aerodrome Location Indicator and Name

FAXX – AERODROME NAME AND LICENSE NUMBER

AD 2.2 Aerodrome Geographical And Administrative Data

1	ARP Coordinates and site at AD	
2	Direction and distance from city	
3	Elevation/Reference temperature	
4	Geoid undulation at aerodrome elevation position	
5	MAG VAR / Annual change	
6	AD operator, address, telephone, telefax, email, AFS address and, if available, website address	Authority and Remarks:
7	Types of traffic permitted (IFR/VFR)	
8	Remarks	

AD 2.3 OPERATIONAL HOURS

1	AD Operator	
2	Customs and immigration	
3	Health and sanitation	
4	AIS Briefing office	
5	ATS reporting office (ARO)	
6	MET briefing office	
7	ATS	
8	Fuelling	
9	Handling	
10	Security	
11	De-icing	
12	Remarks	

AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	
2	Fuel and Oil types	
3	Fuelling facilities and capacity	
4	De-icing facilities	
5	Hangar space for visiting aircraft	
6	Repair facilities for visiting aircraft	
7	Remarks	

AD 2.5**PASSENGER FACILITIES**

1	Hotels	
2	Restaurants	
3	Transportation	
4	Medical facilities	
5	Bank and Post Office	
6	Tourist office	
7	Remarks	

AD 2.6**RESCUE AND FIRE FIGHTING SERVICES**

1	Aerodrome category for fire fighting	
2	Rescue equipment	
3	Capability for removal of disabled aircraft	
4	Remarks	

AD 2.7**SEASONAL AVAILABILITY - CLEARING**

1	Types of clearing equipment	
2	Clearance priorities	
3	Remarks	

AD 2.8**APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

1	Designation, surface and strength of aprons	
2	Designation, width, surface and strength of taxiways	
3	ACL location and elevation	
4	VOR checkpoints	
5	INS checkpoints	
6	Remarks	

AD 2.9**SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

1	Use of aircraft stand ID signs, TWY guide lines and visual docking / parking guidance system of aircraft stands.	
2	RWY and TWY markings and LGT	
3	Stop bar	
4	Remark	

AD 2.10**AERODROME OBSTACLES**

In AREA 2					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/type , colour	Remarks
a	b	c	d	e	f

In AREA 3					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/type, colour	Remarks
a	b	c	d	e	f

AD 2.11**METEOROLOGICAL INFORMATION PROVIDED**

1	Associated MET office	
2	Hours of service MET office responsible outside hours	
3	Office responsible for TAF preparation and periods of validity	
4	Type of trend forecast and interval of issuance	
5	Briefing / consultation provide	
6	Flight documentation / language(s) used	
7	Charts and other information available for briefing or consultation	
8	Supplementary equipment available for providing information	
9	ATS units provided with information	
10	Additional information (limitation of service, etc.)	

AD 2.12**RUNWAY PHYSICAL CHARACTERISTICS**

Designations RWY NR	TRUE & MAG BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
Designations RWY NR	TRUE & MAG BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY

SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location (which runway end) and description of arresting system (if any);	OFZ	Remarks
8	9	10	11	12	13	14
REMARKS:						

AD 2.13 DECLARED DISTANCES

RWY	TORA (M)	TODA (M)	ASDA (M)	LDA (M)
1	2	3	4	5
Remarks:				

AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY	APCH LGT Type and LEN INTST	THR LGT Colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centre Line LGT, Spacing, colour INTST	RWY Edge LGT, LEN, Spacing, Colour, WBAR	RWY End LGT Colour WBAR	SWY LGT LEN (m) Colour	Remarks
1	2	3	4	5	6	7	8	9	10

AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	
2	LDI location & LGT and anemometer location and LGT	
3	TWY edge and centre line lighting	
4	Secondary power supply and switch-over time	
5	Remarks	

AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO / Geoid undulation	
2	TLOF / FATO elevation (m/ft)	
3	TLOF and FATO area dimensions, surface, strength, marking	
4	True BRG of FATO	
5	Declared distance available	

6	APP and FATO lighting	
7	Remarks	

AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	
2	Vertical limits	
3	Airspace classification	
4	ATS unit call sign Language(s)	
5	Transition altitude	
6	Remarks	

AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel (s)	Hours of operation	Remarks
1	2	3	4	5

AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR, Type of supported OPS (for VOR/ ILS/MLS, give declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7

AD 2.20 LOCAL AERODROME REGULATIONS

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AD 2.21 NOISE ABATEMENT PROCEDURES

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AD 2.22 FLIGHT PROCEDURES

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AD 2.23 ADDITIONAL INFORMATION

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AD 2.24 CHARTS RELATED TO AN AERODROME

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