

AD 2. AERODROMES

FYSM AD 2.1 AERODROME LOCATION INDICATOR AND NAME

FYSM - Swakopmund Airport

FYSM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1.	ARP coordinates and site at AD	223930S 0143400E
2.	Direction and distance from (city)	ENE 2 NM from Swakopmund
3.	Elevation/reference temperature	170 FT
4.	Geoid undulation at AD ELEV PSN	NIL INFO AVBL
5.	Magnetic (MAG) variation (VAR)/annual change	13° W (2016)/ 0.12° decreasing
6.	Name of aerodrome operator, address, telephone, telefax numbers, e-mail address, AFS address and, if available, website address	Municipality of Swakopmund Engineering and Planning Department Aerodrome Administration P O Box 53 Swakopmund Namibia Tel: +264 64 410 4111 Swakopmund Municipal Aerodrome Office Tel: +264 64 410 4442 Cell: +264 81 150 4809 M U F Gaweseb Aerodrome Superintendent mgaweseb@swkmun.com.na
7.	Types of traffic permitted (IFR/VFR)	IFR/VFR
8.	Remarks	Public aerodrome

FYSM AD 2.3 Operational Hours

1.	Aerodrome operator	MON-SUN: 0500 - 1700
2.	Customs and immigration	NIL facilities
3.	Health and sanitation	NIL facilities
4.	Aeronautical Information Service (AIS) briefing office	NIL service
5.	ATS reporting office (ARO)	NIL service
6.	MET briefing office	NIL facilities
7.	ATS	NIL service
8.	Fuelling	MON – FRI: 0600 – 1500 SAT: 0700 - 1500 SUN: 0700 - 1100
9.	Handling	As AD administration

10.	Security	H24
11.	De-icing	NIL
12.	Remarks	<p>Except in the case of an emergency or with prior permission no aircraft may take off or land outside AD OPR HR within daylight OPR HR.</p> <p>Meteorology office based at Hosea Kutako International Airport Tel: +264 62 540 3327</p> <p>Aeronautical Information Service (AIS) briefing office based at Windhoek Eros Airport Tel: +264 61 702 080/3/9.</p>

FYSM AD 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	NIL facilities
2.	Fuel/oil types	JET A1+ AVGAS
3.	Fuelling facilities/capacity	<p>Southern Energy Company P.O Box 1228 Walvis Bay</p> <p>Fuelling agent : Namibia Airfield Fuelling services Tel/Fax: +264 64 407 185</p> <p>Refueler: Naftal lita: +264 81 461 9461 Moses Ndoni: +264 81 769 0252 Standby cellphone: +264 81 150 2399</p> <p>Controlling Office Tel: +264 64 203 951 +264 81 150 2489 Email: WalvisBay@sec.com.na 70 000 Litre AVGAS container unit 23 000 Litre Jet A1 tank</p>
4.	De-icing facilities	NIL facilities
5.	Hangar space for visiting aircraft	O/R
6.	Repair facilities for visiting aircraft	<p>Skycore Aviation P O Box 80855, Windhoek Swakop@skycore.com.na Swakopmund duty: +264 81 164 6818 Pieter Keil: +264 81 124 9578 Tel: +264 83 339 1000</p>
7.	Remarks	NIL

FYSM AD 2.5 PASSENGER FACILITIES

1.	<i>Hotels</i>	In town
2.	<i>Restaurants</i>	In town
3.	<i>Transportation</i>	Car hire
4.	<i>Medical facilities</i>	Hospital in town
5.	<i>Bank and post office</i>	In town
6.	<i>Tourist office</i>	In town
7.	<i>Remarks</i>	NIL

FYSM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

NIL facilities available.

FYSM AD 2.7 SEASONAL AVAILABILITY - CLEARING

NIL facilities available.

FYSM AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	<i>Apron designation, surface and strength</i>	Paved
2.	<i>Taxiway designation, width, surface and strength</i>	TWY A, 17M
3.	<i>Altimeter checkpoint location and elevation</i>	NIL INFO
4.	<i>VHF omnidirectional radio range (VOR) checkpoints</i>	NIL facilities
5.	<i>INS checkpoints</i>	NIL INFO
6.	<i>Remarks</i>	NIL

FYSM AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1.	<i>Use of aircraft stand ID signs, TWY guidelines and visual docking/ parking guidance system of aircraft stands</i>	NIL facilities
2.	<i>RWY and TWY markings and LGT</i>	White reflector plates for night operation on RWY 24 only. White concrete plates on edges of RWY 17/35 only. RWY designation markings on all RWY. RWY guidance signs erected near TWY.
3.	<i>Stop bars</i>	NIL facilities
4.	<i>Other runway protection measures</i>	NIL
5.	<i>Remarks</i>	ACFT may not use TWY for take-off or landing. ACFT not permitted to use TWY FM Hangar Area to APN/THR RWY 17 for take-off or landing, all ACFT include microlight to use designated RWY for take-off and landing only.

FYSM AD 2.10 AERODROME OBSTACLES

<i>In Approach/TKOF areas</i>			<i>In circling areas and at AD</i>		<i>Remarks</i>
1			2		3
<i>RWY/Area affected</i>	<i>Obstacle Type Elevation Markings/ LGT</i>	<i>Co-ordinates</i>	<i>Obstacle type Elevation Markings/ LGT</i>	<i>Co-ordinates</i>	
a	b	c	a	b	
06 TKOF 24 APCH	Powerline Height: 43 FT AGL	-	0.6NM NE of THR RWY 24	NIL info	Telephone line 94 M from AD BDRY
	Light mast Height 98 FT	Approx. 1 NM north of AD	Two reservoirs Height 26 FT	SW of AD just outside AD boundary	
			One reservoir Height 60 FT	SW of AD just outside AD boundary	
			Microwave Tower 160FT	223600S 0144120E	8NM East of FYSM AD

FYSM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1.	<i>Associated Met office</i>	NIL facilities
2.	<i>Hours of service MET office outside hours</i>	NIL facilities
3.	<i>Office responsible for terminal aerodrome forecast (TAF) preparation Periods of validity</i>	Windhoek MET office (Tel: +264 62 540 059)
4.	<i>Trend forecast Interval of issuance</i>	NIL facilities
5.	<i>Briefing/consultation provided</i>	NIL facilities
6.	<i>Flight documentation Language(s) used</i>	NIL facilities English
7.	<i>Charts and other information available for briefing or consultation</i>	NIL facilities
8.	<i>Supplementary equipment available for providing information</i>	NIL facilities
9.	<i>ATS units provided with information</i>	NIL facilities
10.	<i>Additional information (limitation of service, etc.)</i>	NIL

<i>Mean daily maximum and minimum temperatures (°C) for each month of the year</i>												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Max	31.3	31.3	33.3	32.0	29.9	27.5	27.0	27.3	28.3	29.2	30.4	30.6
Min	15.0	15.4	16.5	15.2	13.6	11.8	10.5	9.6	9.7	10.7	12.2	13.2
<i>Mean pressure for each month of the year at approximate the times of MAX and MIN temperatures in hPa</i>												
Max	43.1	43.5	42.9	40.8	40.2	35.5	36.6	37.6	42.3	42.8	43.6	42.4
Min	10.3	9.4	8.5	5.1	3.2	1.4	1.1	1.6	2.9	3.9	4.8	8.5
<i>Relative and absolute humidity at approximately the times of MAX (a) and MIN (b) temperatures</i>												
Rel(a)	35	36	31	27	22	25	24	26	28	28	28	32
% (b)	83	84	74	65	54	53	54	63	74	78	78	83

FYSM AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

<i>Designations RWY NR</i>	<i>TRUE BRG</i>	<i>Dimensions of RWY (M)</i>	<i>Strength of the pavement classification number (PCN) and surface of RWY and SWY</i>	<i>THR coordinates RWY end coordinates THR geoid undulation</i>	<i>THR elevation and highest elevation of TDZ of precision APP RWY</i>
1	2	3	4	5	6
06	NIL INFO	1600 x 18	PCN 10 Sand	NIL INFO	NIL INFO
24	NIL INFO	1600 x 18	PCN 10 Sand	NIL INFO	NIL INFO
17	NIL INFO	963 x 24	PCN 10.5 Sand	NIL INFO	NIL INFO
35	NIL INFO	963 x 24	PCN 10.5 Sand	NIL INFO	NIL INFO

<i>Slope of RWY- SWY</i>	<i>SWY Dimensions (M)</i>	<i>CWY Dimensions (M)</i>	<i>Strip Dimensions (M)</i>	<i>OFZ</i>	<i>Remarks</i>
7	8	9	10	11	12
NIL INFO	NIL INFO	NIL INFO	NIL INFO	NIL	Run up area established on TWY to RWY 24 and then on THR of RWY 17 and RWY 35

FYSM AD 2.13 DECLARED DISTANCES

<i>RWY Designator</i>	<i>TORA (M)</i>	<i>TODA (M)</i>	<i>ASDA (M)</i>	<i>LDA (M)</i>	<i>Remarks</i>
1	2	3	4	5	6
06	NIL INFO	1600	NIL INFO	NIL INFO	NIL
24	NIL INFO	1600	NIL INFO	NIL INFO	NIL
17	NIL INFO	963	NIL INFO	NIL INFO	NIL
35	NIL INFO	963	NIL INFO	NIL INFO	NIL

FYSM AD 2.14 APPROACH AND RUNWAY LIGHTING

Low intensity landing reflectors have been installed on RWY 06/24 only except for the green threshold and red end lights which are proper lights. Runway delineation markers are visible up to 3 KM from the runway threshold and will become brighter the closer the aircraft approaches the runway to land. Depending on visibility the green threshold and red end lights are visible at distances of 5 KM or greater.

FYSM AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

NIL facilities available.

FYSM AD 2.16 HELICOPTER LANDING AREA

Helicopters to make use of the apron.

FYSM AD 2.17 ATS AIRSPACE

NIL ATS airspace

FYSM AD 2.18 ATS COMMUNICATION FACILITIES

<i>Service designation</i>	<i>Call sign</i>	<i>Frequency</i>	<i>Hours of operation</i>	<i>Remarks</i>
1	2	3	4	5
TIBA	Swakopmund Traffic	126.3 MHZ	H24	Unmanned Aerodrome

FYSM AD 2.19 RADIO NAVIGATION AND LANDING AIDS

NIL facilities available

FYSM AD 2.20 LOCAL TRAFFIC REGULATIONS

Model flying taking place north of Swakopmund at the salt works at PSN 223653S 0143208E.

All aircraft including micro-lights are not allowed to make use of the TWY between hangars and airside for either landing or take-off.

All aircraft must complete the arrival and departure register AVBL at that airfield's office at the terminal building area before and after each flight.

FYSM AD 2.21 NOISE ABATEMENT PROCEDURES

1. Arriving and departing flights

The noise abatement procedures described hereunder are to **ensure minimized ACFT movements over the town limits and therefore minimizes noise pollution.**

NOTE: Not applicable to ACFT with radio communication failure.

1.1 No aircraft shall over-fly the town below 1000 FT AGL unless permission is granted by the town council or NCAA.

1.2 Departing and landing aircraft are encouraged to avoid overflying built up areas of Swakopmund and Rossmund at below 1000 FT AGL. Aircraft departing RWY 24 are not to commence R/H turn below 1000 FT AGL. Downwind at 1000 FT AGL.

1.3 Aircraft joining along the coast from the South shall remain over the ocean until ready to turn on to an extended right base leg for RWY 24.

1.4 Aircraft joining along the coast from the North shall remain over the ocean until past the river mouth before joining final for RWY 06 or left downwind for RWY 24.

1.5 Only right circuits shall apply for RWY 35.

1.6 Only left circuits shall apply for RWY 17.

1.7 Aircraft departing on RWY 24 for northbound flights shall maintain runway heading or until 1000 FT reaching the river mouth, before turning out to the right or alternatively turn out to the left.

FYSM AD 2.22 FLIGHT PROCEDURES

1. Communication Procedures for use in case of RCF and as unmanned Airfield procedures

1.1 TRAFFIC joining from the East

To follow along the Southern side of the Swakop river to the Swakop river mouth at 2000FT AGL. Then join right-hand downwind RWY 24 for normal landing. If RWY 06 is in use, fly past the town along the beachfront and join left downwind for RWY 06.

1.2 TRAFFIC joining from the North

If RWY 24 is in use fly along the beach front to the Swakop river mouth at 2000FT AGL and join right-hand downwind for RWY 24. When RWY 06 is in use join early left downwind for RWY 06 at 2000FT AGL and descend on the downwind for landing on RWY 06.

1.3 TRAFFIC joining from South

For RWY 24 join at the Swakop river mouth again at 2000FT AGL and then right-hand downwind RWY 24. For RWY 06, join at the Swakop river mouth at 2000FT AGL, thence along the beach front North bound around the town for a left downwind RWY 06.

1.4 GENERAL FLYING AREA

The FYSM GFA begins roughly 8 NM East of the Swakopmund Airfield and extends to 17 NM East. The Southern boundary is the B2 (tar road to Arandis). The Northern boundary is the Dolerite ridge that runs East to West. The Western edge is a tangent line from the traffic zone of FYSM to the radio mast near the B2 at MARET (VFR point). The Eastern side is the ridge line of the Rössing Mountain and continues NW to the Northernmost point.

2. Night landing procedures

NIL facilities.

FYSM AD 2.23 ADDITIONAL INFORMATION

1. Parachute Jumping

1.1 Parachute Jumping Exercises seven days a week and traffic are not to join overhead the aerodrome due to possible skydiving activities. The pilot in command of the dropping aircraft will advise all traffic of his intentions during unmanned periods (NIL ATC).

1.2 A permanent drop zone has been declared at Amphitheatre (224400S 0143400E) which is 4.5 NM south of Swakopmund 6000 FT AGL.

1.3 A permanent drop zone has been declared at Lunar Landscape (224000S 0144800E) which is 13 NM east of Swakopmund 6000 FT AGL.

1.4 A permanent drop zone has been declared at China Town (223350S 0143434E) 6 NM north of Swakopmund. DLY Skydiving activities taking place BTN sunrise and sunset. Parachute ACFT will operate on 126.3 MHz and 122.5MHz.

1.5 Arriving and departing aircraft to exercise caution.

2 Blasting

2.1 Blasting that occurs in the town and vicinity of Swakopmund to be published on the NOTAM.

FYSM AD 2.24 Charts related to Swakopmund

NIL charts available for Swakopmund Aerodrome.