AD 2. AERODROMES

FYSM AD 2.1 AERODROME LOCATION INDICATOR AND NAME

FYSM - Swakopmund Aerodrome

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.	*MAG VAR/annual change*	15° W (1995)
5.	*AD administration, address, telephone, , Fax*	Swakopmund Airfield CC P.O. Box 80300 Olympia, Windhoek Namibia Tel: +264 61 226061 Fax : +264 61 227182 Airfield Supervisor: Mr J.P ERAMUS Tel +264 64 401017 Cell: +264 81 295 1622
6.	*Types of traffic permitted (IFR/VFR)*	IFR/VFR
7.	*Remarks*	Public aerodrome, License withdrawn

FYSM AD 2.3 OPERATIONAL HOURS

1.	*AD administration*	HJ
2.	*Customs and immigration*	Nil facilities
3.	*Health and sanitation*	Nil facilities
4.	*AIS briefing office*	Nil facilities
5.	*ATS reporting office (ARO)*	Nil facilities
6.	*MET briefing office*	Nil facilities
7.	*ATS*	As per NOTAM
8.	*Fuelling*	Summer MON – FRI 0500 – 1600 SAT, SUN and Public HOL : Call out Winter MON – FRI 0600 – 1700 SAT, SUN and Public HOL : Call out Note: Arrangements may be made for after hours service, see AD 2.4 for the telephone numbers
9.	*Handling*	Nil facilities
10.	*Security*	Nil facilities
11.	*De-icing*	Nil facilities
12.	*Remarks*	Nil

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*	Southern Energy Company P.O Box 1228 Walvis Bay Fuelling agent : Namibia Airfield Fuelling services Tel/Fax: +264 64 407185 Refueler: Iki Adonis – Mobile +264 81 328 3076 Charlton Lenders : +264 817 166 655 Office : +264 40-7185 Otto Krohne – Mobile +264 81 657 9254 Standby cellphone: +264 855 442 002 Controlling Office Tel: +264 64 203951 / 203984 (office hours) +264 81 122 7019 (After hours) Fax: +264 64 203984 Cell: +264 81 149 0114 Email: Sharonb@sec.com.na 28 000 Litre container unit 23 000 Litre AVGAS tank 23 000 Litre Jet A1 tank
4.	*De-icing facilities*	Nil facilities
5.	*Hangar space for visiting aircraft*	O/R
6.	*Repair facilities for visiting aircraft*	West Air Maintenance Tel. +264 64 407015/18
7.	Remarks	NIL

FYSM AD 2.5 PASSENGER FACILITIES

1.	*Hotels*	In town
2.	*Restaurants*	In town
3.	*Transportation*	Car hire
4.	*Medical facilities*	Hospital in town
5.	*Bank and post office*	In town
6.	*Tourist office*	In town
7.	*Remarks*	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.	*Apron surface and strength*	Slurry seal
2.	*Taxiway width, surface and strength*	Nil facilities
3.	*ACL location and elevation*	Nil information
4.	*VOR/INS checkpoints*	Nil facilities
5.	*Remarks*	Nil

FYSM 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*	Nil facilities
2.	*RWY and TWY markings and LGT*	White reflector plates for night operation on RWY 24 only. Green Threshold, and red Runway-end lighting on RWY 24 only and activated automatically at night. White concrete plates on edges of RWY 17/35 only. RWY designation markings on all RWY's. RWY guidance signs erected near TWY.
3.	*Stop bars*	Nil facilities
4.	*Remarks*	Old RWY 07/25 now used as micro-light RWY only with ATC permission

FYSM AD 2.10 AERODROME OBSTACLES

In Approach/TKOF areas			In circling areas and at AD		Remarks
1			2		3
RWY/Area affected	*Obstacle Type Elevation Markings/ LGT*	*Co-ordinates*	*Obstacle type Elevation Markings/ LGT*	*Co-ordinates*	
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.	*Associated Met office*	Nil facilities
2.	*Hours of service* *MET office outside hours*	Nil facilities
3.	*Office responsible for TAF preparation* *Periods of validity*	Windhoek MET office (telephone (062) 540059)
4.	*Type of landing forecast* *Interval of issuance*	Nil facilities
5.	*Briefing/consultation provided*	Nil facilities
6.	*Flight documentation* *Language(s) used*	Nil facilities English
7.	*Charts and other information available for briefing or consultation*	Nil facilities
8.	*Supplementary equipment available for providing information*	Nil facilities
9.	*ATS units provided with information*	Nil facilities
10.	*Additional information (limitation of service, etc.)*	Nil

Mean daily maximum and minimum temperatures (°C) for each month of the year												
	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
Mean pressure for each month of the year at approximate the times of MAX and MIN temperatures in hPa												
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
Relative and absolute humidity at approximately the times of MAX (a) and MIN (b) temperatures												
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

Designations RWY NR	TRUE & MAG BRG	Dimensions of RWY (M)	Strength (LCN) and surface of RWY and SWY	THR Co-ordinates	THR Elevation and Highest Elevation of TDZ of Precision APP RWY
1	2	3	4	5	6
06	Nil info	1600 x 18	LCN 10 Slurry seal	Nil info	Nil info
24	Nil info	1600 x 18	LCN 10 Slurry seal	Nil info	Nil info
17	Nil info	963 x 24	LCN 10,5 Sand	Nil info	Nil info
35	Nil info	963 x 24	LCN 10,5 Sand	Nil info	Nil info

Slope of RWY-SWY	SWY Dimensions (M)	CWY Dimensions (M)	Strip Dimensions (M)	OFZ	Remarks
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 35

FYSM AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
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 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

Nil facilities available.

FYSM AD 2.17 ATS AIRSPACE

1.	*Designation and lateral limits*	Swakopmund ATZ Circle radius 7 NM Centre: 223930S 0143400E
2.	*Vertical limits*	GND to 2 000 FT ALT
3.	*Airspace classification*	Class "C" (Aerodrome separation only)
4.	*ATS unit call sign* *Language(s)*	Swakopmund Tower/Radio English
5.	*Transition altitude*	4000 FT
6.	*Remarks*	1. ATC Tel. +264 64 702890/1 2. AFIS within published times

FYSM AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
Tower/AFIS	Swakopmund Tower/Radio	126.3 MHZ	See AD 2.3 on ATS	Nil

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.

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:

- ATC may override these procedures for traffic purposes or in the interest safety.
- Not applicable to ACFT with radio communication failure.

1.1 No aircraft shall over-fly the town below 3000 AGL unless permission is granted by the town council or DCA.

1.2 No aircraft except ultra-light or micro-light aircraft shall join on a right downwind for RWY 24 or on a left downwind for RWY 06. Joining right hand downwind for left hand downwind for RWY 06 is prohibited except in the event of radio-communication failure or for micro-light/ ultra-light aircraft using the short RWY. All future transgressions will be reported to DCA for legal action.

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.

1.8 All aircraft including micro-lights are not allowed to make use of the short RWY 24/06 for either landing or take-off. The area known as short RWY 24/06 can only be used for taxing as published in the AIP. Any transgression will be reported to the DCA.

1.9 All micro-lights landing or take-off at Swakopmund airfield must fill in the landing and departure register AVBL at that airfield's office in the terminal building before and after each flight. There is no charge for landing.

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 2000' 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 2000' AGL and join right-hand downwind for RWY 24. When RWY 06 is in use join early left downwind for RWY 06 at 2000' AGL and descent 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 2000' AGL and then right-hand downwind RWY 24. For RWY 06, join at the Swakop river mouth at 2000' AGL, thence along the beach front North bound around the town for a left downwind RWY 06.

2. Night landing procedures

Night landing procedures for runway 24 only are as follows: the aircraft is to fly overhead at or above MSA descent to circuit altitude only once a visual approach and landing can be guaranteed. Descent to be done in the approach configuration whilst remaining in the circuit. Establish on downwind runway 24 at MIN. 1500 FT AGL, whilst the aircraft landing lights are on. On final approach the aircraft must line-up the green threshold and red end lights for runway 24 centreline alignment and maintain a 4° or higher glide path due to high terrain and powerline. On the aircraft landing lights the 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 at distances of 5 KM or greater. With high crosswind conditions the illumination of the delineating markers will occur closer to the runway due to the crabbing action of the aircraft.

FYSM AD 2.23 ADDITIONAL INFORMATION

1. Parachute Jumping

1.1 Parachute Jumping Exercises seven days a week and traffic is not, repeat, 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 (S224400 E0143400) which is 4.5 NM south of Swakopmund. Parachute Jumping Exercises take place every weekend (Saturdays and Sundays). 6000 FT AGL/GND

1.3 A permanent drop zone has been declared at Lunar Landscape (S224000 E0144800) which is 13 NM east off Swakopmund. Parachute Jumping Exercises take place every weekend (Saturdays and Sundays). 6000 FT AGL/GND.

1.4 A permanent parachute drop zone established at position S2233.77 E01433.64 (7NM north of FYSM).Skydiving activities taking place taking place seven days a week. Pilots of parachute ACFT will operate on 126.3 MHZ and 122.5MHZ.

2. Blasting

Opencast mine south of the main road to Usakos. Blasting occurs from MON to FRI BTN 1200/1300 UTC.

FYSM AD 2.24 Charts related to Swakopmund

Nil charts available for Swakopmund Aerodrome.

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