

**2AD 2****AERODROMES****FALA AD 2.1 Aerodrome Location Indicator And Name****FALA –LANSERIA INTERNATIONAL AIRPORT (1244)**

<b>FALA AD 2.2 Aerodrome Geographical And Administrative Data</b>		
1	ARP Coordinates and site at AD	Ref. Point: S255623.0 E0275528.8
2	Direction and distance from city	22 NM NW of OR Tambo INTL Airport
3	AD Elevation / Reference temperature	AD Elev: 4517 FT/ 24°C
5	MAG VAR / Annual change	17°W (2003)
6	AD Administration, address, telephone, telefax, telex, AFS	<p>Authority Supervising the Aerodrome and Remarks:  <b>PUB AD CHF:</b>  Lanseria (Pty) Ltd. Private Bag X1, Lanseria 1748  TEL: (011) 367 0300</p> <p><b>ATSU:</b>  P. O. BOX 165, Lanseria 1748  TEL ATC: (011) 701 3262/701 3278  FAX ATC: (011) 701 3505</p> <p><b>AFS Address:</b> FALAZTZX  E-mail: info@lanseria.co.za</p>
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Domestic use of AD by Micro Light aircraft prohibited. 24H Notice of International flights (See 2.20 no. 7)
<b>FALA AD 2.3 Operational Hours</b>		
1	AD administration	AD Operational hours: H24
2	Customs & Immigration	H24, TEL: (011) 367 0300
3	Health and Sanitation	Available daily H24; TEL: (011) 367 0300 ( All Departments )
4	AIS Briefing Office	H 0345 – 1800 Mon-Sun
7	ATS	H24
8	Fuelling	HOD : H24 Supplier : ENGEN/Lanseria Management Board. TEL: (011) 367 0300. AFT HR: (082) 447 6026
12	Remarks	Ground Movement Control hours of service: MON-SUN: 0345-1700

## ALA AD 2.4 Handling Services And Facilities

1	Cargo Handling facilities	Capable of handling class C aircraft and IL76. Equipment to handle single items up to 10 tons. Handling agents and facilities: Cargo Logistics 082 465 8004 Bionic Aviation (011) 701 2296 / 082 656 5450 AirQuarius (011) 659 1042 / 082 929 8713 Pegases 083 659 7605 Aero Group 079 072 2533
2	Fuel/oil types	AVGAS 100, JET A1 OIL: AVHYD E, JET OIL II EXXON 100, EXXON EE
3	Fuelling facilities/capacity	<b>AVGAS 100 LL</b> Dispensed through: <ul style="list-style-type: none"> <li>• 1 x 7000 litres Static Bowzer</li> <li>• 1 x 1200 litres Mobile Bowzer.</li> </ul> <b>JET A-1</b> Dispensed through: <ul style="list-style-type: none"> <li>• A Hydrant Line with 2 x Hydrant Dispensers</li> <li>• 3 x 18 000 litre Mobile Bowzers</li> </ul>
4	De-icing facilities	Nil
5	Hanger space for visiting aircraft	By special arrangement with AP Management (011) 367 0300
6	Repair facilities for visiting aircraft	Various AMO's

## FALA AD 2.5 Passenger facilities

1	Hotels	In City. Contact AD Info.
2	Restaurants	At AD. Contact AD Info for HR of service.
3	Transportation	Taxi's on request. Car Hire AVBL at AD.
4	Medical Facilities	First Aid at AD. Olivedale Clinic 15 kilometers from AD. Contact AD Info.
5	Bank and Post Office	Bank and ATM At AD contact AD info (011) 367 0300. Post Office aprox 5km from AD. Forex facility in terminal, Bureau de Change. HR Tel. (011) 701 2316 / 083 306 4163 Duty-Free shop int. departures hall / Tel AD
6	Tourist Office	In City. Contact AD Info

## FALA AD 2.6 Rescue and Fire Fighting Services

1	AD category for fire fighting	24 HRS CAT VII (7) Staff: 10 Fire & Med HR 0600-2100 Staff: 6 Fire & Med HR 2100-0600
2	Rescue equipment	Standard rescue equipment carried on fire tenders as required by ICAO for Cat 7-8 aircraft.
3	Capability for removal of disabled aircraft	Lifting bags and hydraulic equipment AVBL on AD for up to CAT B aircraft
4	Remarks:	1) Mutual aid agreements with Local Authorities. 2) Rescue and Fire Fighting upgradeable to CAT VIII (8) by prior arrangement.

**FALA AD 2.8 Aprons, Taxiways and Check Locations/Positions Data**

1	Apron Surface and Strength	APN A : Concrete LCN 80 All other APN: Asphalt LCN 65
2	Taxiway width, Surface and strength	Surface: ASPH Strength: LCN 65 Width: 15 metres with 5 meters shoulders
3	Altimeter check point location and elevation	THR: RWY 06R 4505 FT, RWY 06L 4517 FT, RWY 24R 4397 FT and RWY 24L 4410 FT
4	VOR Checkpoints	THR RWY 06L -64°M/0.10NM THR RWY 24R -64°M/1.68 NM
5	INS Checkpoint	See AD Chart
6	Remarks	Main Apron necessitates: 1) Higher than normal power required during taxi (Slope). Multi-Engine aircraft to taxi with minimum two engines on power. 2) All aircraft on the Apron must be securely chocked when left unattended.

**FALA AD 2.9 Surface movement guidance and control system and markings**

1	Use of aircraft stand ID signs, TWY guidelines and visual docking/parking guidance system of aircraft stands.	<ol style="list-style-type: none"> <li>Only class B and smaller aircraft will be accommodated on apron A.</li> <li>Class C and larger aircraft will be accommodated on apron C (own power) or nose in on apron B.</li> <li>Aircraft may not park on apron A, B and C for a period longer than four (4) hours without prior approval from Apron Office (freq 122.85 MHz or 011 367 0300)</li> <li>Pilots landing and using the main apron to contact FALA Apron control before entering the apron and provide with the following information: <ul style="list-style-type: none"> <li>Aircraft REG;</li> <li>Type;</li> <li>passengers on board;</li> <li>Departure point. (Int or Domestic); and</li> <li>Duration of Apron occupation.</li> </ul> </li> </ol> <p>Pilots departing from the main apron must contact FALA Apron control prior to start and provide with the following information:</p> <ul style="list-style-type: none"> <li>Aircraft REG;</li> <li>ETD;</li> <li>passengers on board; and</li> <li>Destination.</li> </ul>
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**FALA AD 2.10 Aerodrome Obstacles**

- During night operations and in conditions or poor visibility, pilots should exercise caution in maintaining terrain clearance towards the west of the airfield, due to high ground of 5338FT (Swart Koppies) at approximately 5.5 NM.
- Category C or greater aircraft to exercise caution on taxiway A3 opposite apron C due to a steep embankment 16 M north of the edge of the taxiway.

**FALA AD 2.11 Meteorological Information provided**

1	Associated MET Office	O R Tambo International Airport
2	Hours of service MET office outside hours	No MET Station OR Tambo Intl 082 223 9600
3	Office responsible for TAF preparation	OR Tambo INTL H24 6 Hourly
4	Trend forecast Interval of issuance	Nil
5	Briefing / consultation Provided	Nil
6	Flight documentation Language(s) used.	Available on web page <a href="http://aviation.weathersa.co.za">http://aviation.weathersa.co.za</a>
7	Charts and other information available for briefing or consultation	Nil
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	TWR/Approach
10	Additional information (limitation of service, etc.)	Hourly METAR prepared by ATS. Other aviation related information available on web page <a href="http://aviation.weathersa.co.za">http://aviation.weathersa.co.za</a>

## FALA 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	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
06L 24R	047°T/064°M 227°T/244°M	2910 x 30	ASPH LCN 65	S255652.1 E0275453.7 S255545.1 E0275614.3	4517FT 4397FT
06R 24L	047°T/064°M 227°T/244°M	1760 x 23	ASPH LCN 65	S255652.7 E0275500.6 S255605.0 E0275558.0	4505FT 4410FT
Designations RWY NR	Slope of RWY - SWY	SWY Dimensions (M)	CWY Dimensions (M)	Strip Dimensions (M)	OFZ
1	7	8	9	10	11
06L 24R	-1,4% +1,4%		60M	150M	
06R 24L	-1.62% +1.62%	55M 300M	60M 60M	75M 75M	

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- No parallel operations may be conducted during IMC conditions and at night.
- Runways 06L/24R and 06R/24L are in close proximity from each other. Pilots are to exercise caution in the event of approaching parallel to other aircraft and larger aircraft operating at Lanseria with regard to wake turbulence and close proximity.
- RWY 06L/24R closed for maintenance: SAT:10:30 – 13:30
- RWY 06R/24L closed for maintenance: SAT: 08:30 - 10:30

## FALA AD 2.13 Declared Distances

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
06L	2918	2978	2918	2917	Nil
24R	3044	3104	3044	2918	Nil
06R	2115	2175	2115	1760	Nil
24L	1815	1875	2115	1760	Nil

## FALA AD 2.14 Approach And Runway Lighting

RWY Designator	APCH LGT typ LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centre line LGT Length, spacing colour, INTST
1	2	3	4	5	6
06L	-	Green	PAPI 3° LHS	-	-
24R	-	Green	PAPI 3° LHS	-	-
06R	-	Displaced THR Green W/Bar	-	-	-
24L	-	Green	-	-	-
RWY Designator	RWY edge LGT LEN, spacing colour INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks	
1	7	8	9	10	
06L	50M White	Red	-	last 600M yellow	
24R	50M White	Red	-	last 600M yellow	
06R	50M White	Red	-	last 600M yellow	
24L	50M White	Red	-	last 600M yellow	

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- TWY, WDI, Apron, APP, TWR/AFIS, VOR, NDB and L lighted
- RWY edge, THR and End LGT RWY 06R/24L AVBL only on pilots REQ.
- TWY edge and centre line lighting: Edge -Blue

**FALA AD 2.15 Other Lighting, Secondary Power Supply**

1	ABN/IBN location, characteristics and hours of operation	Location: Tower roof Colour: two white lights 1 hour before sunset to 1 hour after sunrise and during IMC conditions.
2	LDI location and LGT Anemometer location and LGT	LDI: Nil Anemometer: At AD reference point.
3	TWY edge and centre line lighting	Edge: All TWY edge lights blue. Only lead in lights provided, excluding TWY H
4	Secondary power supply/switch-over time	Diesel power standby generator supplying normal facilities and installations
5	Remarks	Nil

**FALA AD 2.16 Helicopter Landing Area**

- 1) Inbound non-wheeled helicopters will be directed by ATC onto Heli-parks on apron "C"
- 2) All helicopters must approach and land on TWY/RWY only
- 3) All helicopters must take-off from TWY/RWY only.
- 4) No landing, take-off or air taxiing is permitted between hangers.
- 5) No dedicated helicopter landing area available
- 6) If Heliport occupied, will be directed to land on TWY and make contact with APN to allocate an alternative parking bay. Helicopter will then contact ATC to reposition to bay

**FALA AD 2.17 ATS AIRSPACE**

1	Designation & Lateral Limits	CTR The area bounded by the arcs of circles: Radius -5 NM centers on:  S255656.14 E0275448.86 (VOR "LIV"); and S260037.2 E0275022.3 (NDB "LA").  TMA AREA A  The area bounded by lines as follows: (a) From a point at S261149, 13 E0275325,58 thence clockwise along the arc of a circle, radius 11.5NM, and centered at a point S260037,24 E0275022.33 (NDB "LA") to a point at S255235,65 E0274112,70 (b) Thence a straight line to a point at S254629,51 E0274827,02 (c) Thence a straight line to a point at S254629,70 E0275706,78 (d) Thence a straight line to a point at S255047,94 E0280051,75 (e) Thence a straight line to a point at S255753,81 E0280056,41 (f) Thence a straight line to a [point at S260708,51 E0275717,50 (g) Thence a straight line to the starting point at S261149,13 E0275325,58  TMA AREA B  The area bounded by lines as follows: (a) From a point at S254727,51 E0274827,02 a straight line to a point at S254539,11 E0275059,54 (b) Thence a straight line to a point at S254506,31 E0275554,22 (c) Thence a straight line to a point S254629,70 E0275706,78 (d) Thence a straight line to a point at S254727,51 Eo274827,02
2	Vertical Limits	CTR 6500 FT ALT / GND TMA AREA A 6500 FT ALT/7600 FT ALT TMA AREA B 7000 FT ALT/7600 FT ALT
3	Airspace Classification	C
4	ATS unit call sign Language (s)	English
5	Transition Altitude	8 000 FT
6	Remarks	Except where otherwise authorised, no aircraft is to be operated in this airspace unless two-way radio communication is maintained with ATC.

**FALA AD 2.18 ATS Communication Facilities**

SERVICE DESIGNATOR	CALLSIGN	FREQ	Hours of operation	REMARKS
TWR/APP	Lanseria Tower	124,0 MHz transmits and receives	H24	Nil
SMC	Lanseria Ground	121,65 MHz transmits and receives	MON-SUN : 0345 -1700	Nil
Apron	Lanseria Apron	122.85 MHz	H24	Non ATC service, only parking allocation and hazard information.

## FALA AD 2.19 Radio Navigation And Landing Aids

Type of aid, MAG VAR, Type of supported OP (VOR/ILS/MLS, give declination)	ID	Frequency	Hours of operation	Position of Transmitting Antenna coordinates	Elevation of DME Transmitting Antenna	Remarks
NDB	LA	270 kHz transmits	H24	S260037.2 E0275022.3		Location mag : 244, 5.5 NM THR RWY 06L. PWR output 100W
ILS LOC	LAI	110,9 MHz transmits	H24	S255543.9 E0275615.9		Restricted to 500ft AGL OM 5,5 NM. MM 1209 m
ILS GP		330,8 MHz transmits	H24	S255648.1 E0275503.4		ICAO CATI restricted to 500ft AGL. Angle 3° ALT of GP over OM is 6354 FT HGT of ILS REF datum 51FT 41/15JUL07
DVOR	LIV	117.4 MHz transmits	H24	S255656.14 E0275448.86		
UHF DME	LIV	1181 MHz transmits & 1118 MHz receives	H24	S255656.14 E0275448.86	Elevation of transmitting DME antenna 1393M (4570FT)	Channel 121x Co-axially collocated with DVOR.

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- 1) ILS RWY 06L FLTKC and OPR, however coupled APCH will not be permitted.

## FALA AD 2.20 Local Traffic Regulations

Allocation of parking bays: Landing aircraft intending using the main Apron, to contact FALA Apron Control on VHF122.85, before entering to request parking bay and provide the following information:

- 1) Aircraft registration, type and departure point (Local or International).
- 2) Apron Procedure: IFR flight departures departing from the main apron to obtain start clearance first from SMC on VHF 121.65, then request traffic and hazard information from Apron Control prior to taxi.
- 3) VFR flights departing from the main Apron to request traffic and hazard information from Apron Control prior to taxi.
- 4) Push back to be done along centreline of the parking bay.
- 5) Traffic positioning across active runways to do so under instructions from SMC who will liaise with Tower for authorization.
- 6) Pilots on VFR departures from the AD must ensure they do not commence their turn outs over the apron and hanger area.
- 7) Only Micro Lights on International flights will be granted landing rights at FALA, pending a 24H notice of intentions to use the AD. Landing rights will only be approved by the Airport Authority. No Micro Lights on Domestic flights are allowed to land at AD.

## FALA AD 2.21 Noise Abatement Procedures

- 1) No engine testing may be performed daily between 1700 and 0300 on the AD.
- 2) The position where engine tests are conducted will be rotated taking into consideration wind direction, time of day and frequency of tests.
- 3) No engine test may be conducted in the turning circle of taxiway C with aircraft larger than category A.
- 4) No jets may perform engine test in the turning circle of taxiway C.

## FALA AD 2.22 Flight Procedures

All International flights must park on the main apron (Apron A or C)

## FALA AD 2.23 Additional Information

- 1) Bird activity in the vicinity of AD.
- 2) Hot air Balloon activity in the vicinity of the AD.
- 3) Parking charges will amount to three times normal parking for all aircraft parked on taxiways.
- 4) No International Transit Facilities at FALA