AD 2. AERODROMES

FYWB AD 2.1 AERODROME LOCATION INDICATOR AND NAME

FYWB - Walvis Bay Airport

FYWB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1.	*ARP co-ordinates and site at AD*	225848S 0143843E 07° / 1500 M from THR09
2.	*Direction and distance from (city)*	270° East, 9 NM from Walvis Bay
3.	*Elevation/reference temperature*	299 FT / 25°C
4.	*Geoid undulation at AD ELEV PSN*	97 FT
5.	*MAG VAR/annual change*	12.70° W (2020)/ 0.07° E
6.	*Name of aerodrome operator, address, telephone, telefax numbers, e-mail address, AFS address and, if available, website address*	Namibia Airports Company Limited Walvis Bay International Airport Walvis Bay Tel: +264 64 271100 Telefax: +264 64 200164 Cell: +264 81 163 5038 Email : wvboperations@airports.com.na Website: www.airports.com.na ATC Tel: +264 64 702690/1 Fax: +264 64 702699 AFS: FYWBYDYX
7.	*Types of traffic permitted (IFR/VFR)*	IFR/VFR
8.	*Remarks*	NIL

FYWB AD 2.3 OPERATIONAL HOURS

1.	*AD Operator*	MON-FRI: 0700 – 1500 SAT, SUN & PUB HOL 0800-1500
2.	*Customs and immigration*	MON-FRI 0900-1500 SAT, SUN & PUB HOL 0800-1500
3.	*Health and sanitation*	Available within AD Hours. 2 HR PN to AD required
4.	*AIS briefing office*	NIL
5.	*ATS reporting office (ARO)*	As AD Administration
6.	*MET briefing office*	As AD Administration
7.	*ATS*	TWR: MON-FRI: 0700-1500 SAT/SUN/Public Holidays: 0800-1500 APP: MON-FRI: 0500-1700
8.	*Fuelling*	As AD Administration
9.	*Handling*	As AD Administration

10.	*Security*	24 HR
11.	*De-icing*	NIL
12.	*Remarks*	Outside AD HR, services are available O/R. Request to be submitted to the AD not later than 1300 (1100) UTC.

FYWB AD 2.4 HANDLING SERVICES AND FACILITIES

1.	*Cargo-handling facilities*	Hydraulic staircases, forklift 3 ton, air starter unit, 5 ton high loader, tractor, 5 ton scale, hangar parking, baggage trolleys cargo trailers, GPU, toilet services, vehicle (bakkie) & aircraft cleaning.
2.	*Fuel/oil types*	JETA1 and AVGAS 100LL
3.	*Fuelling facilities/capacity*	1 x jet A1 refuelling truck – 18 000 L 1 x Jet A1 refuelling truck – 11 000 L 1 x AVGAS refuelling truck – 3 000 L
4.	*De-icing facilities*	NIL
5.	*Hangar space for visiting aircraft*	Limited by prior arrangement only.
6.	*Repair facilities for visiting aircraft*	NIL
7.	*Remarks*	Handling services available within AD HR or by arrangement with the AD. Walvis Bay Airport Services (WBAS) Tel: +264 64 2012180 Telefax: +264 64 204878 Mobile: +264 81 1505271, +264 81 1282437 & +264 81 1438939 After hours: +264 81 1282437, +264 81 1505271 Email: contact@wbas.com.na Southern Energy Company Walvis Bay Airport Tel: +264 64 203951 Airport Fax: +264 64 203984 Operator's Office: +264 64 207623 Standby cell-phone: +264 81 1502489 Controlling Office Fax: +264 64 204194 After Hours/Cell: +264 81 1502493 / +264 81 1502507 Email: fuel@sec.com.na

FYWB AD 2.5 PASSENGER FACILITIES

1.	*Hotels*	Near the AD and in the city
2.	*Restaurants*	At AD and in the city
3.	*Transportation*	Taxis and car hire from the AD
4.	*Medical facilities*	First aid at AD. Hospital in the city
5.	*Bank and post office*	In the city
6.	*Tourist office*	Office in the city. Tel: Walvis Bay +264 64 207444 Email: bookings@walvisbaytourism.com
7.	*Remarks*	AD website: www.airports.com.na

FYWB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	*AD category for fire fighting*	Within AD HR: CAT 6
2.	*Rescue equipment*	Yes, 2 x Rescue Vehicles R1 – 11 000 Litres water / 1320 Litres foam / 250 kg DCP R2 – 12 500 Litres water / 1500 Litres foam / 250 kg DCP
3.	*Capability for removal of disabled aircraft*	Lifting bags and hydraulic jacks available
4.	*Remarks*	Outside AD HR, firefighting service to be requested. Request to be submitted not later than 1300 (1100UTC).

FYWB AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	*Types of clearing equipment*	NIL
2	*Clearance priorities*	NIL
3	*Remarks*	NIL

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

1.	*Apron designation, surface and strength*	Passenger Apron, Asphalt, PCN 19/F/B/W/U Cargo Apron, Concrete, PCN 109/F/A/W/T & Asphalt PCN130/F/A/W/T
2.	*Taxiway designation, width, surface and strength*	TWY A, 15 M, Asphalt, PCN 19/F/B/W/U TWY B, 25 M, Asphalt, PCN 130/F/A/W/T TWY C, 15 M, Asphalt, PCN 19/F/B/W/U

3.	*Altimeter checkpoint location and elevation*	Location: At Apron Elevation: 91 M
4.	*VHF Omni-directional Radio Range (VOR) checkpoints*	Holding position Bravo of Runway 09/27
5.	*INS checkpoints*	NIL
6.	*Remarks*	Refer to AD 2.20 Local Traffic Regulations 5. Taxi Limitations

FYWB 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 Parking of ACFT as per ARFF Marshaller
2.	*RWY and TWY markings and LGT*	RWY: Designation, THR, TDZ, centre line, edge runway end as appropriate, marked, and lighted. TWY: Centre Line
3.	*Stop bars*	Stop Bar on main intersection from main taxiway to cargo apron. Stop Bar on main intersection from RWY 27 to main taxiway. Stop Bar on main intersection from RWY 09 to main taxiway.
4.	*Other runway protection measures*	Guard Light is on the same line as the stop bar, on the side. Guard Light located on main intersection from main taxiway to cargo apron. Guard Light on main intersection from RWY 27 to main taxiway. Guard Light on main intersection from RWY 09 to main taxiway.
5.	*Remarks*	Refer to AD 2.20 Local Traffic Regulations 5. Taxi Limitations

FYWB AD 2.10 AERODROME OBSTACLES

In Area 1					
OBST ID/ Designation	*OBST Type*	*OBST position*	*ELEV/HGT*	*Markings / Type, Colour, Lighting (LGT)*	*Remarks*
a	**b**	**c**	**d**	**e**	**f**
Mountain	Mountain	225820.12S 0144017.71E	368FT	NIL	09/TKOF 27/APCH

FYWB AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	*TRUE 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 APPRWY*
1	2	3	4	5	6
09	071.97°	3 440 x 60	130/F/B/W/T Asphalt	225903.14S 0143752.23E GUND 29M 96.8 FT	THR 72 M/236 FT
27	251.97°	3 440 x 60	130/F/B/W/T Asphalt	225828.55S 0143947.08E GUND 29M 96.8 FT	THR 96M/315 FT

Designations RWY NR	*Slope of RWY-SWY*	*SWY dimensions (M)*	*CWY dimensions (M)*	*Strip dimensions (M)*	*Dimensions of runway end safety areas*
1	7	8	9	10	11
09	NIL INFO AVBL	NIL	NIL	3 560 x 150	120 x 90
27	NIL INFO AVBL	NIL	NIL	NIL INFO AVBL	120 x 90

Designations RWY NR	*Location and description of arresting system*	*OFZ*	*Remarks*
1	12	13	14
09	NIL	NIL	NIL
27	NIL	NIL	NIL

FYWB AD 2.13 DECLARED DISTANCES

RWY Designator	*TORA (M)*	*TODA(M)*	*ASDA (M)*	*LDA (M)*	*Remarks*
1	**2**	**3**	**4**	**5**	**6**
09	3440	3440	3440	3440	NIL
27	3440	3440	3440	3440	NIL

FYWB AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	*APCH LGT type 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
09	900 M	Green	PAPI, Left/3° (30FT)	NIL	3390 M, 15 M, white middle and red end
27	900 M LIH	Green	PAPI, Left/ 3° (69FT)	875 M	3390 M, 15 M, white middle and red end

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
09	3360 M, 60 M, white, LIH	Red	40M Yellow and red	Non-precision APP
27	3360 M, 60 M, white, LIH	Red	40M Yellow and red	Non-precision APP

FYWB AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	*ABN/IBN location, characteristics, and hours of operation*	ABN: Abeam Centre RWY, FLG W G EV 2 SEC/ IBN: NIL
2.	*LDI location and LGT* *Anemometer location and LGT*	LDI: NIL Anemometer: AMS E 320 M from THR 27, lighted AMS C 1000 M from THR 09, lighted AMS W 200 M from THR09, lighted
3.	*TWY edge lights, centre line lights and stop bars (if any)*	TWY edge lights are only available at intersection “C”

4.	*Secondary power supply/switch-over time*	Secondary power supply to all lighting at AD Switch over time: 15 SEC
5.	*Remarks*	2X 400 KVA Cummins power generator sets

FYWB AD 2.16 HELICOPTER LANDING AREA

1.	*Coordinates TLOF or THR of FATO* *Geoid undulation*	NIL
2.	*TLOF and/or FATO elevation M/FT*	NIL
3.	*TLOF and FATO area dimensions, surface, strength, marking*	NIL
4.	*True BRG of FATO*	NIL
5.	*Declared distance available*	NIL
6.	*APP and FATO lighting*	NIL
7.	*Remarks*	NIL

FYWB AD 2.17 ATS AIRSPACE

1.	*Designation and lateral limits*	Walvis Bay CTR Lateral limits 225100.61S 0144701.68E – Clockwise along the arc of a circle, radius 10NM centred at 225828.55S 0143947.08E – 230414.63S 0144839.60E – 230833.04S 0143421.75E – clockwise along the arc of a circle, radius 10NM centred at 225903.14S 0143752.23E – 225657.72S 0142716.09E to point of origin.
2.	*Vertical limits*	GND/2500FT AMSL
3.	*Airspace classification*	C
4.	*ATS unit call sign* *Language(s)*	Walvis Bay Tower English
5.	*Transition altitude*	10 000 FT MSL
6.	*Remarks*	1. Speed restrictions apply in FYWB TMA. Refer FYWB AD 2.22 Flight procedures. 2. Use FYWB QNH within the lateral confines of FYWB TMA at and below 10000FT AMSL. Refer ENR 2.1-6 Note 2. 3. All traffic operating in Class G airspace within the lateral confines of the FYWB TMA, must contact Walvis Bay Approach on 122.5MHz for Flight Information Service.

FYWB AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Frequency*	*Hours of operation*	*Remarks*
1	**2**	**3**	**4**	**5**
Tower/APP	Walvis Bay Tower	122.5 MHz	TWR: MON-FRI: 0700 - 1500, SAT/SUN/Public Holidays: 0800-1500 APP: MON-FRI: 0500-1700	NIL
ATIS	Walvis Bay ATIS	127.0 MHz	H24	Fully operational 50NM radius around airport on this FREQ 127.0 MHz or TEL +264 81 3323509

FYWB AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, CAT of ILS/MLS (for VOR/ILS/ MLS give VAR)	*ID*	*Frequency*	*Hours of Operation*	*Position of transmitting antenna co-ordinates*	*Elevation of DME transmitting antenna*	*Remarks*
1	**2**	**3**	**4**	**5**	**6**	**7**
VOR/DME (13°W/2016)	WBV	113.6 MHz CH 83X	H24	225855.59S 0143840.48E	299 FT	Nil
RNP APCH	N/A	1575.42MHz	H24	N/A	N/A	Transmitting antennas are satellite based

FYWB AD 2.24 CHARTS RELATED TO WALVIS BAY

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AERODROME CHART — ICAO

22°58'48"S
014°38'43"E

ELEV 299 FT

WALVIS BAY TWR 122.5
WALVIS BAY ATIS 127.0

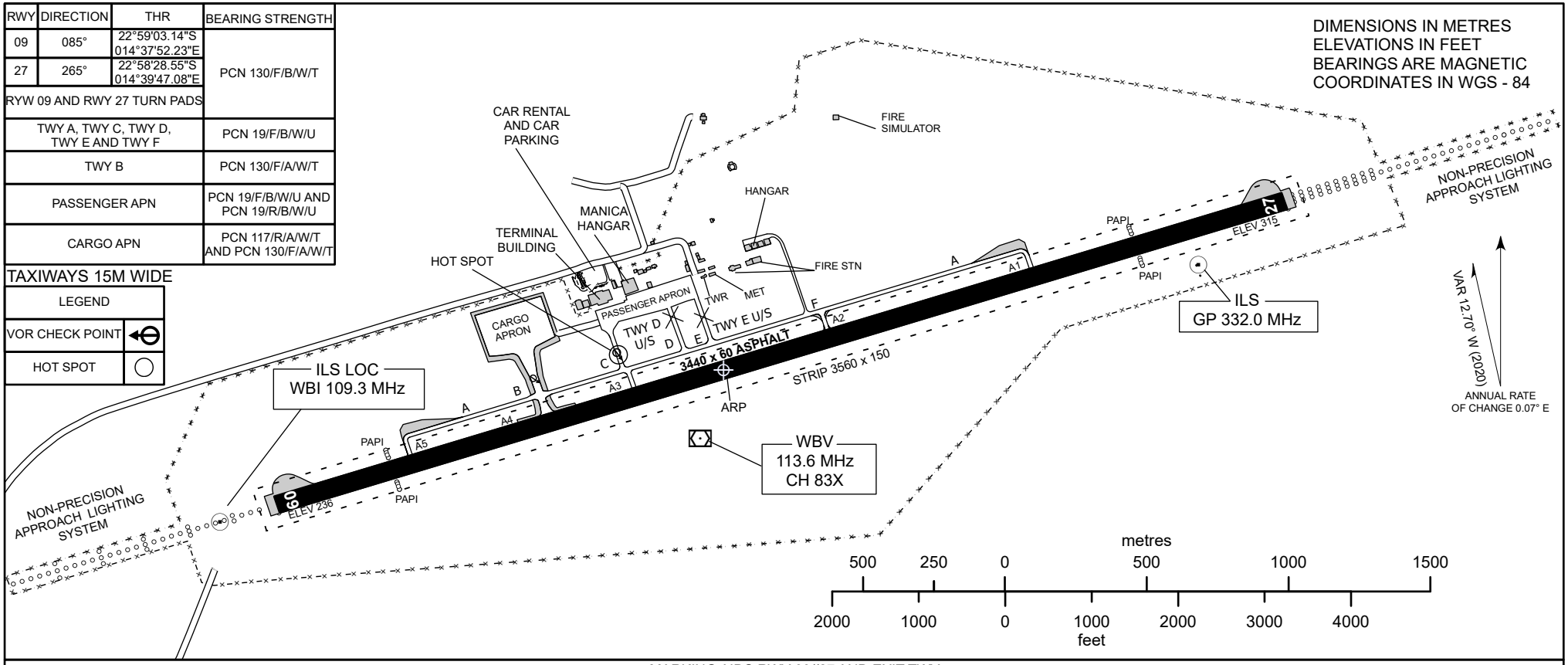
WALVIS BAY/ WALVIS BAY INTERNATIONAL AIRPORT

RWY	DIRECTION	THR	BEARING STRENGTH
09	085°	22°59'03.14"S 014°37'52.23"E	PCN 130/F/B/W/T
27	265°	22°58'28.55"S 014°39'47.08"E	
RYW 09 AND RWY 27 TURN PADS			
TWY A, TWY C, TWY D, TWY E AND TWY F			PCN 19/F/B/W/U
TWY B			PCN 130/F/A/W/T
PASSENGER APN			PCN 19/F/B/W/U AND PCN 19/R/B/W/U
CARGO APN			PCN 117/R/A/W/T AND PCN 130/F/A/W/T

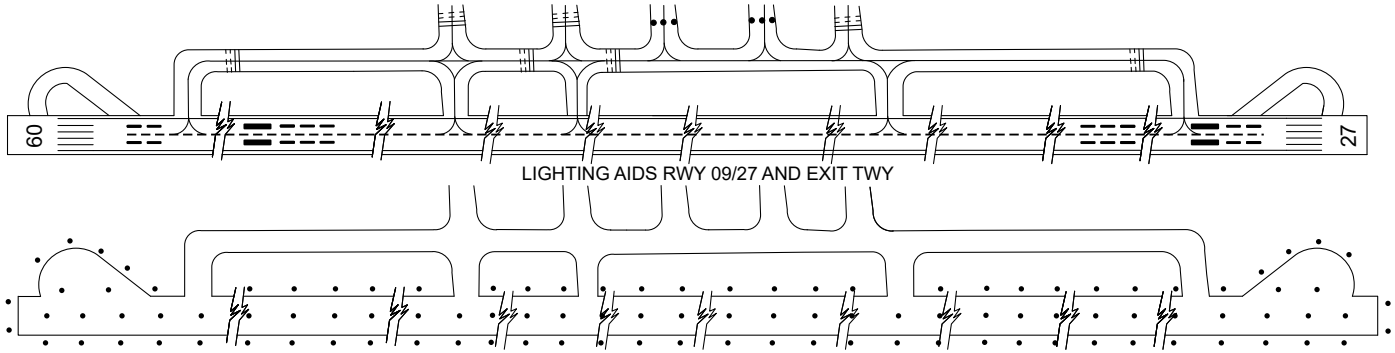
TAXIWAYS 15M WIDE

LEGEND	
VOR CHECK POINT	
HOT SPOT	

DIMENSIONS IN METRES
ELEVATIONS IN FEET
BEARINGS ARE MAGNETIC
COORDINATES IN WGS - 84



MARKING AIDS RWY 09//27 AND EXIT TWY



LIGHTING AIDS RWY 09/27 AND EXIT TWY

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AERODROME OBSTACLE CHART–ICAO
TYPE A (OPERATING LIMITATIONS)

WALVIS BAY/ Walvis Bay Intl Airport

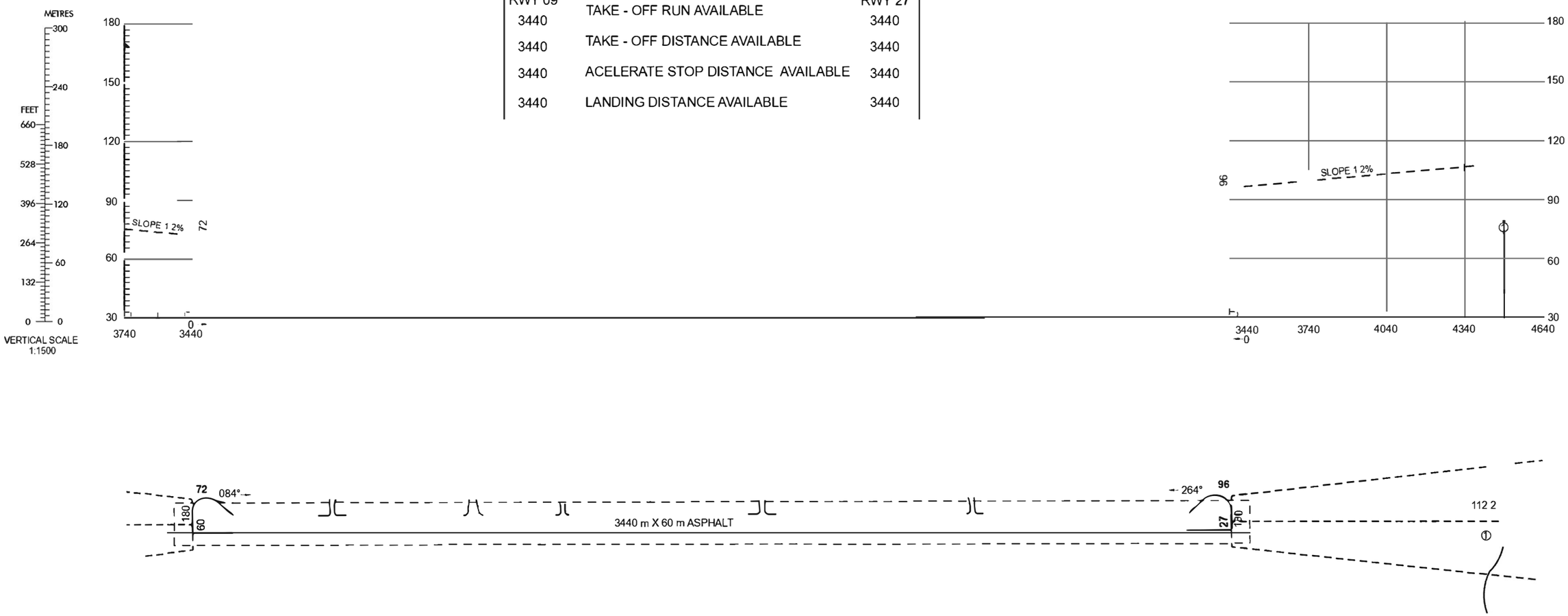
DIMENSIONS AND ELEVATIONS IN METRES

RWY 09 / 27

MAGNETIC VARIATION 12.7°W - JAN 2020

RWY 09 /27

DECLARED DISTANCES		
RWY 09		RWY 27
3440	TAKE - OFF RUN AVAILABLE	3440
3440	TAKE - OFF DISTANCE AVAILABLE	3440
3440	ACELERATE STOP DISTANCE AVAILABLE	3440
3440	LANDING DISTANCE AVAILABLE	3440



LEGEND	
IDENTIFICATION NUMBER	
TERRAIN CONTOUR	
TERRAIN PENETRATING OBSTACLE PLANE	

HORIZONTAL SCALE 1 : 15000

METRES

350 175 0 350 700 1050 1400 1750

1000 500 0 1000 2000 3000 4000

FEET

AMENDMENT RECORD		
No.	DATE	ENTERED BY

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