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| TEL/FAX: +260 21 1 271 048 AFTN : FLLSYNYX Email: ais.lusaka@lun.aero Website: http://www.nacl.co.zm/ | <u>REPUBLIC OF ZAMBIA</u> <u>NATIONAL AIRPORTS CORPORATION</u> <u>LIMITED</u> <u>AERONAUTICAL INFORMATION</u> <u>SERVICE</u> P.O. BOX 30175 LUSAKA | SUMMARY OF INTERNATIONAL NOTAM 1 st June 2009 |
| All Times In UTC | | |

The following NOTAMs Series Alpha were in force as at 0400 Hours UTC on 1st June 2009. NOTAM not included have been cancelled, superseded by AIP Supplement or incorporated in relevant Documents.

LUSAKA FIR (FLFI).

A0290 20-11-06 Permanently, the following procedures shall apply to IFR flights wishing to over fly the Victoria Falls: -

- 1) Traffic from the South into Livingstone over flying the Victoria Falls shall be deemed to be clear of the Falls Viewing Area on crossing Radial 200 Degrees from VLI for Runway 10.
- 2) Traffic from the South for Runway 28 shall be deemed to be clear of the Falls Viewing Area on Crossing Radial **125** Degrees from VLI.
- 3) Traffic from the North routing Direct Overheard to the Victoria Falls shall be deemed to be Over the Area on Crossing Radial **125** Degrees from VLI.
- 4) In the event of the VOR/DME being unserviceable the GPS Radius Distance of 5NM from VLI Fix shall be deemed clear from the Falls Viewing Area for both Runways 10/28.

A0196 30-05-07 Permanently, Reporting point “ANVAM” on ATS route Lusaka/Southdowns (Kitwe) has been established and correct position is S1400.0 E02818.0 FL075 to FL245 (Lower Airspace).

A0470 31-08-07 Permanently, Danger Area 35 (D35) will be established from 25th October, 2007 at Lumwana Mine within 8NM radius centred on S121313.25E0255145.29. Blasting of rocks will be taking place daily between 0330-1430 UTC from ground to 5000feet above mean sea level (AMSL).

A0183 19-05-08 Permanently, the following Navigation aids in the Lusaka Flight Information Region have been flight checked and commissioned, both transmitter units are usable without any restriction:-

- 1) Lusaka- DVOR/DME “VLS” Frequency 113.50Mhz.
 - 2) Mfuwe- DVOR/DME “VMF” Frequency 112.90Mhz
 - 3) Ndola- DVOR/DME “VND” Frequency 112.10Mhz.
- For coordinates refer to AIP ENR 4.1-1.

A0190 20-05-08 Permanently, VOR/DME “VMG” frequency 115.3 MHz has been checked and commissioned, both transmitter units are usable without any restrictions.

A0384 09-09-08 Permanently, trigger NOTAM: with effect from 25th September, 2008 at 0001 UTC reduced vertical Separation minimum (RVSM) will be implemented in Lusaka FIR from FL290 up to and including FL410. Refer AIP Supplement A002/08 and A003/08 and Aeronautical Information Circulars (AICs): A003/08, A017, A018/08 and A020/08.

A0083 18-03-09 Until 30-06-09 Non-directional beacon “SW” frequency 415 KHz unserviceable

A0138 15-04-09 Until 30-06-09 Five (05) over flight scientific balloons will be released between April and June 2009 between latitude 10° (ten degrees) and 20° (twenty degrees) at an altitude of between 18000 M and 66000 feet from MAHE Island in Seychelles situated at position latitude 5° (five degrees) south. The stratospheric pressurized balloons are 12 metres in diameter and they carry a load or pod of about 50Kg each. They are managed in accordance with international Civil Aviation Organisation (ICAO) regulations and are equipped with GPD and beacons that allow them to be located in real time several times per day. They are also equipped with a telemetry and remote control system working via “iridium” and “argos” networks.

For more information on their release refer to the website:

<http://balloon.cnes.fr:8180>

A0148 15-06-09 Until 19-06-09 Papa one (FLP1) will be activated. Refer AIP ENR 5.1-1

A0149 30-04-09 Until 31-07-09 Migratory birds around the airfields in Lusaka FIR. Pilots to exercise caution on landing and take-off.

A0170 19-05-09 Permanently, 1.1 all Southern African Development Community (SADC) VSAT Network charges attributable to South Africa will be billed and collected by International Air Transport Association (IATA) on behalf of Air Traffic and Navigation services (ATNS) Company Ltd of South Africa, which has been designated the agent South Africa with respect to VSAT Network effective 19th April 2009 at the following:-

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA), ROUTE DE L 'AEROPORT 33 P.O.BOX 416, CH-1215 GENEVA 15 AIRPORT SWITZERLAND.

FACSIMILE +41 (22) 799-2678

AFTN : LSGGIATA

SITA : GVALDXB

TELE : 415586

This charge will be revised on a regular basis in consultation with operating costs, number of additional remote sites, Aircraft movements, and other variables cost elements. NOTAM will also be issued by other states/service providers.

1.2 Using the FIR crossing charges in SADC VSAT equipped states airspace of the best reflect system usage. The FIR crossing charge denominated in the effective as from 1st June 2009, as follows: - The flat rate charge per FIR crossing will be 9.60 US dollars. FIR crossing charge per flight, will be payable from the effective date until further notice.

2. SADC VSAT INVOICING AND PAYMENTS ADVICE

2.1 The Southern African Development Community (SADC) very Small Aperture Terminal (VSAT) charge is incurred when flights cross international flight information region (FIR) boundaries or international borders of states, where the Air Traffic Control Centres are equipped with SADC VSAT SATELLITE communications system. The States currently equipped with VSAT are: - ANGOLA, BOTSWANA, DEMOCRATIC REPUBLIC OF CONGO LESOTHO, MALAWI, MAURITIUS, MOZAMBIQUE, NAMIBIA, SOUTH AFRICA, SWAZILAND, TANZANIA, ZAMBIA ZIMBABWE, MADAGASCAR, BURUNDI, RWANDA.

2.2 Payment terms are 30 (thirty) from invoice date. Failure to settle accounts within the prescribed period may result in the service being denied which in actual fact means that aircraft/s will be grounded without further notice.

3. PRIMARY PAYMENT METHOD

All invoices above USD 250.00 must be settled in the USD directly with International Air Transport Association (IATA) to the following bank account: -

UNITED BANK OF SWITZERLAND

SWIFT: UBSWCHZH12A

FOR IATA USD BANK A/C NO 332.208.53K (RUBRIQUE ATC USD)

8 RUE DU RHONE -1211 GENEVA 2 DEPOT

SWITZERLAND.

IMPORTANT: PLEASE QUOTE THE INVOICE REFERENCE NUMBER (AS PRINTED ON THE INVOICE) ON THE BACK OF THE CHEQUE OR A BANK TRANSFER REFERENCE.

4. OTHER PAYMENTS OPTIONS

To facilitate payments of low value invoices ATNS has introduced two alternative methods for payments of invoices of USD 250.00 or less which are detailed below:

A) OPTION ONE-DIRECT TO ATNS CO LTD (CREDIT CARD) For invoices USD 250.00 or less, an enclosure to the invoice will provide for payment, of the SADC VSAT portion only, by VISA or Master Card Credit Card. The Credit Card will be debited with the South African rand equivalent of the US dollar amount authorised. The exchange rate used for Determining the rand equivalent will be the Rand/US dollar exchange rate ruling on the day of receipt by ATNS of the authorisation. Please ensure that

all fields are completed correctly to ensure that the correct credit card account is debited. This form should be faxed to ATNS Co Ltd who will debit the credit card, and advise IATA of settlement. See Appendix 1.

b) OPTION TWO-DIRECT TO ATNS CO LTD (DIRECT DEPOSITS)

For invoices USD 250.00 or less, payment for the SADC VSAT portion only of invoice, may be made in ZAR (SOUTH AFRICAN RAND) to the account of Air Traffic and Navigation Co Ltd (ATNS) in South Africa. The bank account details are:-

ACCOUNT NAME AIR TRAFFIC AND NAVIGATION SERVICES –
VSAT- CURRENT ACCOUNT (RAND)

BANK: NEDBANK

BRANCH: ISANDO

BRANCH CODE: 1961-42-43

ACCOUNT NUMBERS: 1454-058-234

SWIFT CODE: NEDSZAJJ

IMPORTANT: The exchange rate to be used in determining the rand equivalent of the US dollar amount invoiced is the month end spot rate on the date of the invoice. The rate to be used for each invoice will be printed on the SADC VSAT movement/data sheet attached to the invoice.

Please quote the invoice reference number on the deposit slip and fax it to ATNS Co Ltd, Fax No +27 11 9748568/ +27 11 961 0124/ +27 11 961 0475, who will then advise IATA of settlement.)

A0179 26-05-09 Until 09-06-09 Air/ground facility extended range VHF
120.5 MHz repeater at mongu is unserviceable.

LUSAKA (FLLS)

A0058 15-03-07 Permanently, the RNAV (GNSS) Procedures for Runway 10/28 have been Flight Checked and approved for operations.

However operators:

- 1) To operate RNAV (GNSS) procedures should carry LNAV/VNAV equipment.
- 2) Ensure coding of VPA to the intermediate fix in order to ensure a CDA approach.
- 3) Check RNP default to be 0.3 and Not 0.5
- 4) Ensure that the Missed Approach Holds for Runway 10 and 28 are in the Database.
- 5) Ensure too that the position IBROM on route UR779 is in the database.

A0048 13-02-08 Permanently, correct threshold coordinates for Lusaka RNAV GNSS procedures are as follows:-
Runway 10 WGS S157945.03 E0282603.32
Runway 28 WGS S151956.09 E0282815.51.

A0160 09-05-08 Permanently, all operators requiring fuel to call Air BP on frequency 131.7 MHz during airport hours of operation.

A0179 16-05-08 Permanently, ILS localizer “LO” on runway 10 frequency 110.3 MHz routinely flight checked and both transmitter units usable without restrictions.

A0199 23-05-08 Permanently, new apron parking area on bay one (1) has been established for parking aircraft type B747 or bigger. Air Traffic Control (ATC) will not grant any entry or exit for other aircraft through taxiway “C” (Charlie) when the area is in use

A0288 03-07-08 Permanently, Lusaka International Airport now operating 24 hours daily.

A0103 01-04-09 Until 01-07-09, painting of runway markings going on but runway still available for use.

A0104 31-03-09 Until 31-07-09, Taxiing on taxiway “G” (GOLF)

suspended to aircraft with maximum all up weight (MAUW) equal to or greater than 20 tonnes (HS 748) due structural defects.

A0150 30-04-09 Until 31-07-09 controller training on Tower, Approach and Area positions. Pilots to exercise patience.

A0163 04-05-09 Until 30-06-09, taxiway 'H' closed due to depression

A0164 04-05-09 Until 30-06-09, main taxiway centreline and Edge lights not available. Reflectors are available for night operations.

LIVINGSTONE (FLLI)

A0096 24-04-06 Permanently, request fuel availability from Air BP on frequency 131.7MHz.

A0101 01-04-07 Permanently, Threshold for secondary runway 15 displaced by 75m (Metres) due to fence erected 50M (Metres) from existing threshold. Pilots to exercise caution on Landing.

A0245 28-06-07 Permanently, on runway 10, NDB ("LZ" frequency 308 KHz), VOR ("VLI" frequency 112.5MHz) and GNSS instrument approach procedures are no longer applicable due extension of runway. However operators may use VOR ("VLI" frequency 112.5MHz) instrument approach procedure for cloud breaking only.

A0281 10-07-07 Permanently, simple approach lighting system installed on runway 28.

A0195 21-05-08 Permanently, NDB "LZ" frequency 308 KHz serviceable and relocated to new site, position S174911.3E02540 and is 900metres from threshold runway 10.NDB to be used for homing and enroute navigation only.

A0061 26-02-09 Permanently, aircraft parking bay "B2" reserved for aircraft refuelling Avgas only.

A0110 31-03-09 Until 30-06-09 automatic change over switch from mains to standby power is unreliable.

A0118 06-04-09 Until 30-06-09 The operations of aerodrome control tower has been shifted to a temporal site one floor below the existing tower. Traffic joining the circuit from the south will not be under observation until on right base of runway 10 or on left base of runway 28. Pilots to exercise caution.

A0136 13-04-09 Until 31-05-09 Brilliance for airfield lights controlled from tower control room.

A0153 30-04-09 Until 31-07-09 Distance Measuring Equipment (DME) Unserviceable

A0160 04-05-09 Until 30-06-09 controller training on tower and approach Positions. Pilots to exercise patience.

A0161 04-05-09 Until 30-06-09 Aerodrome beacon unserviceable.

A0162 04-05-09 Until 30-06-09 frequencies 118.1 MHz and 121.5 MHz will Not be monitored temporarily due to shifting of tower.

MFUWE (FLMF)

A0386 28-12-06 Permanently, wild animals around the airfield, pilots to Exercise caution on take-off and landing.

A0082 16-03-09 Until 16-06-09 Training on tower and approach positions. Pilots to exercise patience.

A0142 21-04-09 Until 31-07-09 NDB “MF” frequency 401 KHz withdrawn for repair.

A0143 24-04-09 Until 31-07-09 Nil standby transmitter on frequency 120.7 MHz.

A0154 01-04-09 Until 31-07-09 “VDF” (VHF direction finder) on Frequency 120.7 MHz withdrawn for maintenance.

A0155 30-04-09 Until 31-07-09 Nil standby power due to unserviceable Generator set.

A0180 27-05-09 Until 10-06-10 Jet A1 fuels not available at Mfuwe airport, Pilots to carry enough for round trip.

NDOLA (FLND)

A0356 02-08-07 Permanently, two (2) towers constructed at position S125958E0284211. 4NM from the threshold Runway 28 right. Pilots to exercise caution on landing and taking Off.

A0024 22-01-09 Permanently, an aerial mast 80metres high, painted in red and white colour bars with red obstacle light on top has been erected on Nakupata Hill 1396metre elevation. GPS position is S130226E0283714.

A0058 20-20-09 Permanently, frequency 118.7MHz has been installed in Ndola Tower. Aircraft taking off from Southdowns can obtain MET and Enroute Air traffic clearance before departure.

A0060 24-02-09 Permanently, no aircraft shall be refuelled on Bay number one (1) inner.

A00128 08-04-09 Until 08-07-09 Training on tower and approach positions.
Pilots to exercise patience.

A0184/09 is NOTAM Checklist.

Latest publication (s) at 0400 UTC on 1st June, 2009

AIP Amendment **001/2008**

AIP Supplement **003/2008**

AIC **022/2008.**

Nelson Zulu
Acting Senior Aeronautical Information Services Officer (A/SAISO).