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|  <p>NCAA NAMIBIA CIVIL AVIATION AUTHORITY</p> | <p style="text-align: center;">REPUBLIC OF NAMIBIA NAMIBIA CIVIL AVIATION AUTHORITY AIRAC AIP SUPPLEMENT</p> | <p>Executive Director Namibia Civil Aviation Authority Private Bag 12003 Ausspannplatz WINDHOEK</p> |
| <p>Tel: +264 61702082/2203 Fax: +264 61 702088 e-mail: ajp@ncaa.na</p> | | <p style="text-align: center;">AIRAC AIP SUP S03/2024 22 February 2024</p> |

GEN 3.2 AERONAUTICAL CHARTS

Effective date: 18 April 2024
Validity Period: Perm

GEN 3.2.1. Responsible Service(s)

The Civil Aviation Authority of Namibia provides a wide range of aeronautical charts for use by all types of civil aviation. The AIS produces the charts, which are part of the AIP Topographic maps are produced by the Surveyor General Directorate of Surveys and Mapping, Charts, suitable for pre-flight planning and briefing, are available for reference at Windhoek Eros aerodrome AIS units. (Their addresses can be found under GEN 3.2.3 below.) All aeronautical charts are produced in accordance with the provisions contained in Annex 4 — Aeronautical Charts and DOC 8697 Aeronautical Charts Manual.

GEN 3.2.2. Maintenance of charts

1. The aeronautical charts included in the AIP are kept up to date by amendments to the AIP. Corrections to aeronautical charts not contained in the AIP are promulgated by AIP Amendments and are listed under GEN 3.2.8. Information concerning the planning for, or issuance of new maps and charts is notified by AIC.
2. If incorrect information detected on published charts is of operational significance, it is corrected by NOTAM.

GEN 3.2.3. Purchase arrangements

The charts listed under GEN 3.2.5. may be obtained from the:

Namibia Civil Aviation Authority
Aeronautical Information Services
Private Bag 12003
Ausspannplatz
Windhoek
Tel: +264 61 702080/85
Fax: +264 61 702088

AFS address: FYWEZPZX
Email: charts@ncaa.na and AIM_Management@ncaa.na

GEN 3.2.4. Aeronautical chart series available

1. The following series of aeronautical charts are produced:
 - a) Aerodrome Chart – ICAO
 - b) En-route Chart – ICAO
 - c) ATC Surveillance Minimum Altitude Chart – ICAO
 - d) Standard Departure Chart – Instrument (SID) – ICAO
 - e) Standard Arrival Chart – Instrument (STAR) – ICAO
 - f) Instrument Approach Chart – ICAO ILS or LOC RWY 26 (FYWH)
 - g) Instrument Approach Chart – ICAO VOR RWY 27 A (FYWB)
 - h) Instrument Approach Chart – ICAO RNP RWY 09/27 (FYWB)
 - i) Instrument Approach Chart – ICAO Circling VOR RWY 26 (FYWH)
 - j) Instrument Approach Chart – ICAO RNP RWY 08/26 (FYWH)
 - k) Instrument Approach Chart – ICAO RNP RWY 02/20 (FYOG)
 - l) Instrument Approach Chart – ICAO RNP RWY 08/26 (FYOA)
 - m) Instrument Approach Chart – ICAO RNP RWY 04/22 (FYLZ)
 - n) Instrument Approach Chart – ICAO RNP RWY 09/27 (FYKM)

 - o) Visual Approach Chart – ICAO

The charts currently available are listed under GEN 3.2.5.

2. General description of each series

a) Aerodrome Obstacle Chart - ICAO - Type A (operating limitations)

This chart contains detailed information on obstacles in take-off flight path areas of aerodromes. It is shown in plan and profile view. This obstacles information provides the data necessary to enable an operator to comply with the operating limitations of ICAO Annex 6, Parts I and II, Chapter 5.

b) Enroute Chart - ICAO. This chart is produced for the entire Windhoek FIR. The aeronautical data include all aerodromes, prohibited, restricted and danger areas and the air traffic services system in detail. The chart provides the flight crew with information that will facilitate navigation along ATS routes in compliance with air traffic services procedures.

c) Standard Departure Chart - Instrument (SID) - ICAO. This chart is produced whenever a standard departure route — instrument has been established. ICAO. The aeronautical data shown include the aerodrome of departure, aerodrome(s) that affect the designated standard departure route — instrument, prohibited, restricted and danger areas and the air traffic services system. This chart provides the flight crew with information that will enable them to comply with the designated standard departure route — instrument from the take-off phase to the en-route phase.

d) Standard Arrival Chart - Instrument (STAR) - ICAO. This chart is produced whenever a standard arrival route —instrument has been established. The aeronautical data shown include the aerodrome of landing, aerodrome(s) which affect the designated standard arrival route — instrument, prohibited, restricted and danger areas and the air traffic services system.

This chart provides the flight crew with information that will enable them to comply with the designated standard arrival route — instrument from the en-route phase to the approach phase.

- e) *Instrument Approach Chart - ICAO*. This chart is produced for all aerodromes used by civil aviation where instrument approach procedures have been established. A separate Instrument Approach Chart - ICAO has been provided for each approach procedure.

The aeronautical data shown include information on aerodromes, prohibited, restricted and danger areas, radio communication facilities and navigation aids, minimum sector altitude, procedure track portrayed in plan and profile view, aerodrome operating minima, etc.

This chart provides the flight crew with information that will enable them to perform an approved instrument approach procedure to the runway of intended landing including the missed approach procedure and where applicable, associated holding patterns.

- f) *Visual Approach Chart - ICAO*. This chart is produced for aerodromes used by civil aviation where:
- 1) only limited navigation facilities are available; or
 - 2) radio communication facilities are not available; or
 - 3) visual flight operation procedures have been established.

The aeronautical data shown includes information on aerodromes, obstacles, designated airspace, visual flight operation information, radio navigation aids and communication facilities, as appropriate.

Aerodrome/Heliport Chart - ICAO

This chart contains detailed aerodrome data to provide flight crews with information that will facilitate the ground movement of aircraft:

- 1) from the aircraft stand to the runway
 - 2) from the runway to the aircraft stand
- g) *ATC Surveillance Minimum Altitude Chart - ICAO*. This chart is supplementary to the Area Chart and provides information that will enable flight crews to monitor and cross-check altitudes assigned while under radar control.
- h) *Instrument Approach Chart - ICAO (Circling with Prescribed Tracks)* is published for those aerodromes where specific track for visual manoeuvring is prescribed (in addition to the circling area).

The scale depends on the area to be covered.

i) *VFR Chart*

The topographic basis of the chart comprises build-up areas, railroad, roads, hydrography, topography (by shading, contours, and spot elevations), boundaries and significant landmarks.

The aeronautical data includes the structure of airspace, aerodromes, radio navigation facilities with names, frequencies, and identification, prohibited, restricted and danger areas and known obstructions.

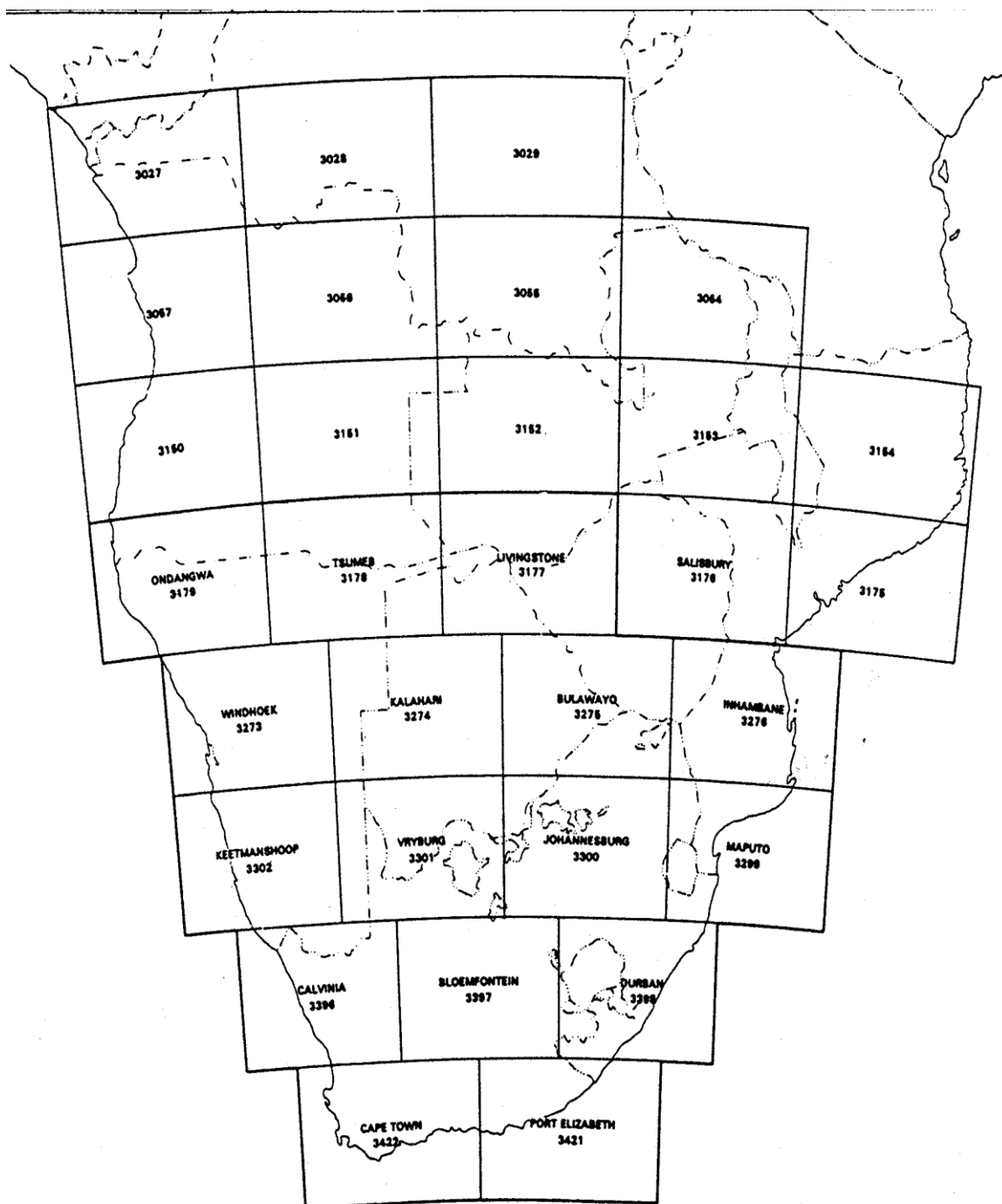
GEN 3.2.5. List of aeronautical charts available

Those charts series marked by an asterisk (*) form part of the AIP.

| <i>Title of series</i> | <i>Scale</i> | <i>Name and/or number</i> | <i>Price (N\$)</i> | <i>Date</i> |
|--|--------------|---------------------------|--------------------|-------------|
| Standard Departure Chart – Instrument – ICAO * | 1:500,000 | FYWH_RNP RWY 08 | 200 200 | 21 MAR 2024 |
| Standard Departure Chart – Instrument – ICAO * | 1:500,000 | FYWH_RNP RWY 26 | 200 200 | 21 MAR 2024 |
| Standard Arrival Chart – Instrument – ICAO * | 1:500,000 | FYWH_JET ONLY RWY 08 | 200 | 21 MAR 2024 |
| Standard Arrival Chart – Instrument – ICAO * | 1:500,000 | FYWH_JET ONLY RWY 26 | 200 | 21 MAR 2024 |
| ATC Surveillance Minimum Altitude Chart – ICAO * | 1:250 000 | FYWH | 200 | 21 MAR 2024 |
| Instrument Approach Chart – ICAO * ILS or LOC RWY 26 | 1:500,000 | FYWH_ RWY 26 | 200 | 08 OCT 2020 |
| Instrument Approach Chart – ICAO * CIRCLING VOR RWY 26 | 1:500,000 | FYWH_ RWY 26 | 200 | 08 OCT 2020 |
| Instrument Approach Chart – ICAO * | 1:500,000 | FYWH RNP RWY 08 | 200 | 21 MAR 2024 |
| Instrument Approach Chart – ICAO * | 1:500,000 | FYWH RNP RWY 26 | 200 | 21 MAR 2024 |
| Visual Approach Chart – ICAO * | NOT TO SCALE | FYWH FYWH AD | 200 | 08 OCT 2020 |
| Visual Approach Chart – ICAO* | NOT TO SCALE | FYWH & FYWE | 200 | 21 MAR2024 |
| Aérodrome Obstacle Chart - ICAO *- Type A | 1 :15000 | FYWH and FYWB | 200 | 18 APR 2024 |
| Enroute Chart – ICAO * | 1:2,300,000 | FYWF FIR | 800 | 18 APR 2024 |

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|--|--------------|------------------------------|-----|-------------|
| VFR Chart * | NOT TO SCALE | FYWF FIR | 200 | 21 MAR 2024 |
| Instrument Approach Chart – ICAO * | 1:500,000 | FYWB -ICAO VOR RWY 09 | 200 | 03 NOV 2022 |
| Instrument Approach Chart – ICAO * | 1:500,000 | FYWB - ICAO VOR RWY 27 | 200 | 21 MAR 2024 |
| Instrument Approach Chart - ICAO * | 1:500,000 | FYWB-ICAO RNP RWY 09 | 200 | 21 MAR 2024 |
| Instrument Approach Chart – ICAO * | 1:500,000 | FYWB-ICAO RNP RWY 27 | 200 | 21 MAR 2024 |
| CTR Chart * | NOT TO SCALE | FYWB- ICAO | 200 | 03 NOV 2022 |
| VFR Routes 1,2,3,4 Chart * | NOT TO SCALE | FYWB - Namib Naukluft Desert | 200 | 03 NOV 2022 |
| Aerodrome/Heliport Chart-ICAO * | NOT TO SCALE | FYWE- ICAO | 200 | 21MAR 2024 |
| ATC Surveillance Minimum Altitude Chart – ICAO * | 1:250 000 | FYWE-ICAO | 200 | 21 MAR 2024 |
| Instrument Approach Chart – ICAO * | 1:500,000 | FYWE - ICAO RNP RWY 01 | 200 | 21 MAR 2024 |
| Instrument Approach Chart – ICAO * | 1:500,000 | FYWE - ICAO RNP RWY 19 | 200 | 21 MAR 2024 |
| Visual Approach Chart - ICAO | NOT TO SCALE | FYWE - ICAO | 200 | 18 JUL 2019 |
| VFR ROUTE 1 CHART – ICAO * | NOT TO SCALE | FYWE - CTR VIA ANGOS | 200 | 18 JUL 2019 |
| VFR ROUTE 2 CHART – ICAO* | NOT TO SCALE | FYWE - CTR VIAARRIS | 200 | 18 JUL 2019 |
| Instrument Approach Chart -ICAO* | 1:500,000 | FYOG - ICAO RNP RWY 02 | 200 | 21 MAR 2024 |
| Instrument Approach Chart – ICAO * | 1:500,000 | FYOG - ICAO RNP RWY 20 | 200 | 21 MAR 2024 |
| Instrument Approach Chart * | 1:500,000 | FYOA - ICAO RNP RWY 08 | 200 | 21 MAR 2024 |
| Instrument Approach Chart – ICAO* | 1:500,000 | FYOA - ICAO RNP RWY 26 | 200 | 21 MAR 2024 |
| Instrument Approach Chart – ICAO* | 1:500,000 | FYLZ - ICAO RNP RWY 04 | 200 | 23 APR 2020 |
| Instrument Approach Chart – ICAO* | 1:500,000 | FYLZ - ICAO RNP RWY 22 | 200 | 23 APR 2020 |
| Visual Approach Chart - ICAO * | NOT TO SCALE | FYLZ - ICAO | 200 | 23 APR 2020 |
| Instrument Approach Chart – ICAO* | 1:500,000 | FYKT - ICAO RNP RWY 04 | 200 | 08 OCT 2020 |
| Instrument Approach Chart – ICAO * | 1:500,000 | FYKT - ICAO RNP RWY 22 | 200 | 08 OCT 2020 |
| Instrument Approach Chart – ICAO* | 1:500,000 | FYKM - ICAO RNP RWY 09 | 200 | 23 APR 2020 |
| Instrument Approach Chart – ICAO* | 1:500,000 | FYKM - ICAO RNP RWY 27 | 200 | 23 APR 2020 |

GEN 3.2.6. Index to the World Aeronautical Chart (WAC) - ICAO 1: 1 000 000



GEN 3.2.7. Topographical charts

Surveyor General
Directorate of Surveys and Mapping
Ministry of Lands and Resettlement
Private Bag 13343
Windhoek, Namibia
Tel: +264 61 2965036/9
Fax: +264 61 249802

Website: <https://www.rcmrd.org/en/namibia>

GEN 3.2.8. Corrections to charts not contained in the AIP

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