

GEN 3.2 AERONAUTICAL CHARTS

GEN 3.2.1 Responsible services

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.

g) 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

h) 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.

i) 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.

j) 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

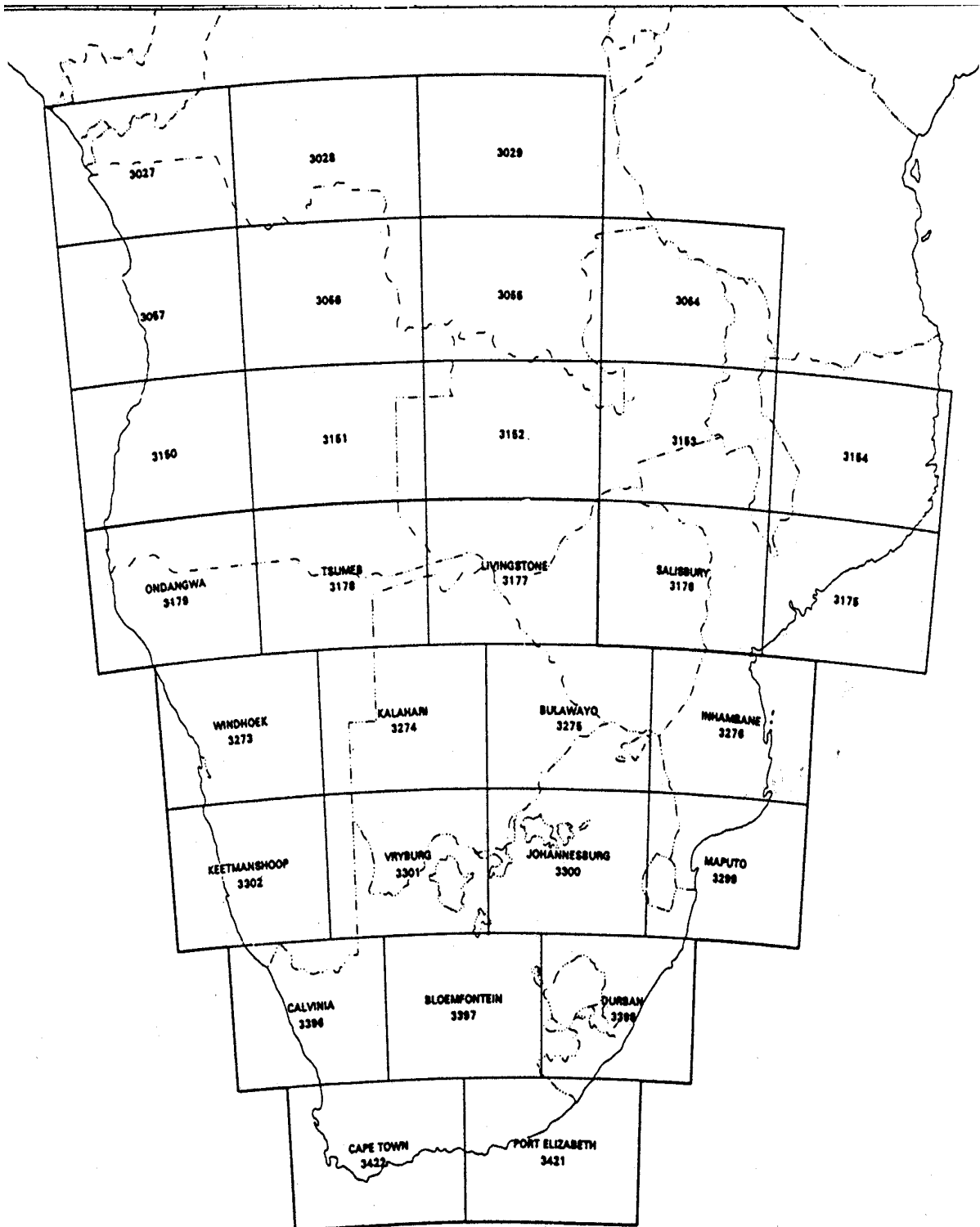
Those charts series marked by an asterisk (*) form part of the AIP.

<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	Free	21 MAR 2024
Standard Departure Chart – Instrument – ICAO *	1:500 000	FYWH_RNP RWY 26	Free	21 MAR 2024
Standard Arrival Chart – Instrument – ICAO *	1:500 000	FYWH_JET ONLY RWY 08	Free	21 MAR 2024
Standard Arrival Chart – Instrument – ICAO *	1:500 000	FYWH_JET ONLY RWY 26	Free	21 MAR 2024
ATC Surveillance Minimum Altitude Chart – ICAO*	1:250 000	FYWH	Free	08 OCT 2020
Instrument Approach Chart – ICAO * ILS or LOC RWY 26	1:500 000	FYWH_ RWY 26	Free	21 MAR 2024
Instrument Approach Chart – ICAO * CIRCLING VOR RWY 26	1:500 000	FYWH_ RWY 26	Free	21 MAR 2024
Instrument Approach Chart – ICAO *	1:500 000	FYWH RNP RWY 08	Free	21 MAR 2024
Instrument Approach Chart – ICAO *	1:500 000	FYWH RNP RWY 26	Free	21 MAR 2024

<i>Title of series</i>	<i>Scale</i>	<i>Name and/or number</i>	<i>Price (N\$)</i>	<i>Date</i>
Visual Approach Chart – ICAO*	NOT TO SCALE	FYWH FYWH AD	Free	08 OCT 2020
Visual Approach Chart – ICAO*	NOT TO SCALE	FYWH & FYWE	Free	21 MAR 2024
Aerodrome Obstacle Chart - ICAO *- Type A	1:15 000	FYWH and FYWB	Free	11 JUL 2024
Enroute Chart – ICAO *	1:2 300 000	FYWF FIR	800	11 JUL 2024
Aerodrome/Heliport Chart - ICAO	NOT TO SCALE	FYWB - ICAO	Free	11 JUL 2024
Instrument Approach Chart – ICAO *	1:500 000	FYWB -ICAO VOR RWY 09	Free	03 NOV 2022
Instrument Approach Chart – ICAO *	1:500 000	FYWB - ICAO VOR RWY 27	Free	03 NOV 2022
Instrument Approach Chart - ICAO *	1:500 000	FYWB-ICAO RNP RWY 09	Free	03 NOV 2022
Instrument Approach Chart – ICAO *	1:500 000	FYWB-ICAO RNP RWY 27	Free	03 NOV 2022
CTR Chart *	NOT TO SCALE	FYWB- ICAO	Free	03 NOV 2022
Area Chart	NOT TO SCALE	VFR routes 1,2,3,4 FYWB TMA	Free	03 NOV 2022
Area Chart	NOT TO SCALE	FYWB - Namib Naukluft Desert Special rules area	200	03 NOV 2022
Aerodrome Obstacle Chart - ICAO	NOT TO SCALE	FYWB – Obstacle Chart ICAO	Free	11 JUL 2024
Aerodrome/Heliport Chart-ICAO *	NOT TO SCALE	FYWE- ICAO	Free	11 JUL 2024
ATC Surveillance Minimum Altitude Chart – ICAO *	1:250 000	FYWE-ICAO	Free	11 JUL 2024
Instrument Approach Chart – ICAO *	1:500 000	FYWE - ICAO RNP RWY 01	Free	11 JUL 2024
Instrument Approach Chart – ICAO *	1:500 000	FYWE - ICAO RNP RWY 19	Free	11 JUL 2024
Visual Approach Chart - ICAO	NOT TO SCALE	FYWE - ICAO	200	11 JUL 2024
VFR ROUTE 1 CHART – ICAO *	NOT TO SCALE	FYWE - CTR VIA ANGOS	200	11 JUL 2024
VFR ROUTE 2 CHART – ICAO*	NOT TO SCALE	FYWE - CTR VIA ARRIS	200	11 JUL 2024
Instrument Approach Chart -ICAO*	1:500 000	FYOG - ICAO RNP RWY 02	Free	11 JUL 2024

<i>Title of series</i>	<i>Scale</i>	<i>Name and/or number</i>	<i>Price (N\$)</i>	<i>Date</i>
Instrument Approach Chart – ICAO *	1:500 000	FYOG - ICAO RNP RWY 20	Free	11 JUL 2024
Instrument Approach Chart *	1:500 000	FYOA - ICAO RNP RWY 08	Free	21 MAR 2024
Instrument Approach Chart – ICAO*	1:500 000	FYOA - ICAO RNP RWY 26	Free	21 MAR 2024
Instrument Approach Chart – ICAO*	1:500 000	FYLZ - ICAO RNP RWY 04	Free	23 APR 2020
Instrument Approach Chart – ICAO*	1:500 000	FYLZ - ICAO RNP RWY 22	Free	23 APR 2020
Visual Approach Chart - ICAO *	NOT TO SCALE	FYLZ - ICAO	200	23 APR 2020
Aerodrome Chart - ICAO	NOT TO SCALE	FYKT - ICAO	Free	08 OCT 2020
Instrument Approach Chart – ICAO*	1:500 000	FYKT - ICAO RNP RWY 04	Free	08 OCT 2020
Instrument Approach Chart – ICAO *	1:500 000	FYKT - ICAO RNP RWY 22	Free	08 OCT 2020
Instrument Approach Chart – ICAO*	1:500 000	FYKM - ICAO RNP RWY 09	Free	23 APR 2020
Instrument Approach Chart – ICAO*	1:500 000	FYKM - ICAO RNP RWY 27	Free	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

NIL

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