



SCAA

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**Job Descriptions for Technical Staff Providing
Meteorological Services for Air Navigation
NOVEMBER 2022**

Issued and Published under the Authority of the Director General

SUDAN CIVIL AVIATION AUTHORITY
THE REPUBLIC OF SUDAN
NOVEMBER 2022



Title: Job Descriptions for Technical Staff Providing Meteorological Services for Air Navigation

1.0 Purpose

- 1.1 The purpose of this Advisory Circular is to guide Aeronautical Meteorological Service Providers in developing job descriptions for technical staff providing meteorological services for air navigation.
- 1.2 It is important to ensure that job descriptions for the technical staff are aligned to the overall objectives, functions and activities of meteorological services described in the SUCAR -Part 3 (Meteorological services for international air Navigation),

2.0 References

- 2.1 SUCAR -Part 3 (Meteorological services for international air Navigation),
- 2.2 ICAO DOC. 8896; Manual of Aeronautical Meteorological Practice.

3.0 Introduction

- 3.1 Meteorological services shall be provided for the safety, regularity and efficiency of air navigation. This is achieved by supplying users with meteorological information necessary for the performance of their respective functions. The Authority shall determine the type of meteorological services which will be provided to meet the needs of air navigation including areas over the high seas in the Flight Information Region.
- 3.2 SUCAR -Part 3 (Meteorological services for international air Navigation), requires the Sudan Civil Aviation Authority (SCAA) to designate a service provider to provide Meteorological services for air navigation and prescribes rules, requirements, procedures or standards of designation of such service provider. The regulations further require that the services provided by the designated service provider be in accordance with conditions prescribed by the SCAA. SUCAR -Part 3 (Meteorological services for international air Navigation), prescribes standards for meteorological services provided for air navigation.

4.0 Functions and Activities of Meteorological Services for Air Navigation

- 4.1 In order to meet the objectives of meteorological services for air navigation, the designated meteorological Authority shall establish and implement a properly organized system comprising procedures, processes and resources necessary for the timely provision of meteorological information. The Meteorological Authority shall in this regard establish one or more aerodrome and/or other meteorological offices which shall be adequate for the provision of meteorological services for air navigation.
- 4.2 Sudan Meteorological Authority (SMA) is the designated Authority by SCAA to provide the Meteorological services for air navigation in Sudan. SMA shall develop job descriptions for technical staff providing meteorological services for air navigation in order to ensure that their functions and activities are aligned to the requirements of the regulations.

5.0 Job descriptions of Meteorological Technical Staff

As a general guide, the duties and responsibilities of Meteorological Technical Staff providing meteorological services for air navigation shall include the following;



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- a) Prepare and/or obtain forecasts and other relevant information for flights; the extent of responsibility to prepare forecasts shall be related to the local availability and use of en-route and aerodrome forecast materials received from other offices;
- b) Prepare and/or obtain forecast of local meteorological conditions;
- c) Maintain a continuous survey of meteorological conditions over the aerodromes;
- d) Provide briefing, consultation and flight documentation members and/or other flight operations personnel; to flight crew
- e) Supply other meteorological information to aeronautical users;
- f) Display the available meteorological information;
- g) Exchange meteorological information with other meteorological offices;
- h) Supply information received on pre-eruption volcanic activity, volcanic eruption or volcanic ash cloud to the ATS Units, Meteorological Watch Offices, AIS Units and;
- i) Supply information received concerning the accidental release of radioactive materials into the atmosphere within his area of responsibility to the air traffic providers for dissemination;



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