

SOUTH AFRICAN



CIVIL AVIATION  
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# REPUBLIC OF SOUTH AFRICA

CIVIL AVIATION AUTHORITY

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### AIR NAVIGATION SERVICES

#### GENERAL

#### NAMING PROTOCOL FOR THE NAMING OF WAYPOINTS FOR RNAV APPROACH PROCEDURES

1. The intention of this AIC is to inform the aviation community that the CAA has adopted a naming protocol which will be implemented for all RNAV approach procedures in South Africa.

#### INTRODUCTION

2. With the Implementation of RNAV non-precision approaches, there is a requirement for suitable instrument approach charts to be prepared and published. These charts will be identified as RNAV (GNSS) charts. A standard convention of naming or identifying the waypoints of the procedures is necessary with each waypoint needing to have a unique name or identifier. ICAO is in the process of establishing guidance material on naming waypoints but at present there is no standard convention.

#### NAMING PROTOCOL FOR SOUTH AFRICA

3. The following naming protocol has been developed by the CAA and is to be implemented on all RNAV approach procedures in South Africa:
4. In order to conform to ARINC 424 specifications, which standardises the nature and form of aviation databases, a five letter or digit or combination of letters and digits is required to identify a particular waypoint name or identifier.
5. It has been decided by the CAA that in South Africa this waypoint name or identifier shall consist of the last two letters of the airport or aerodrome ICAO location indicator, followed by a digit to indicate the designated runway threshold on which the procedure is based. The next letter identifies the type of fix and the name or identifier ends with a digit to give a number to the fix.
6. The letter indicating the type of fix for the waypoint will be one of the following:

N for an Initial Approach fix (IAF);  
T for an Intermediate Approach fix (IF);  
F for the Final Approach fix (FAF);  
MP for the Missed Approach point (MAPT) waypoint;  
M for the Missed Approach fix in the missed approach segment.

#### Examples:

**Waypoint JS1T1** JS OR Tambo airport, (from FAJS);  
1 designated threshold 1;  
T intermediate approach fix (IF);  
1 the first intermediate fix in the intermediate segment.

**Waypoint CT2N2** CT Cape Town airport (from FACT);  
2 designated threshold 2;  
N initial approach fix (IAF);  
2 second initial approach fix in the initial approach segment.

