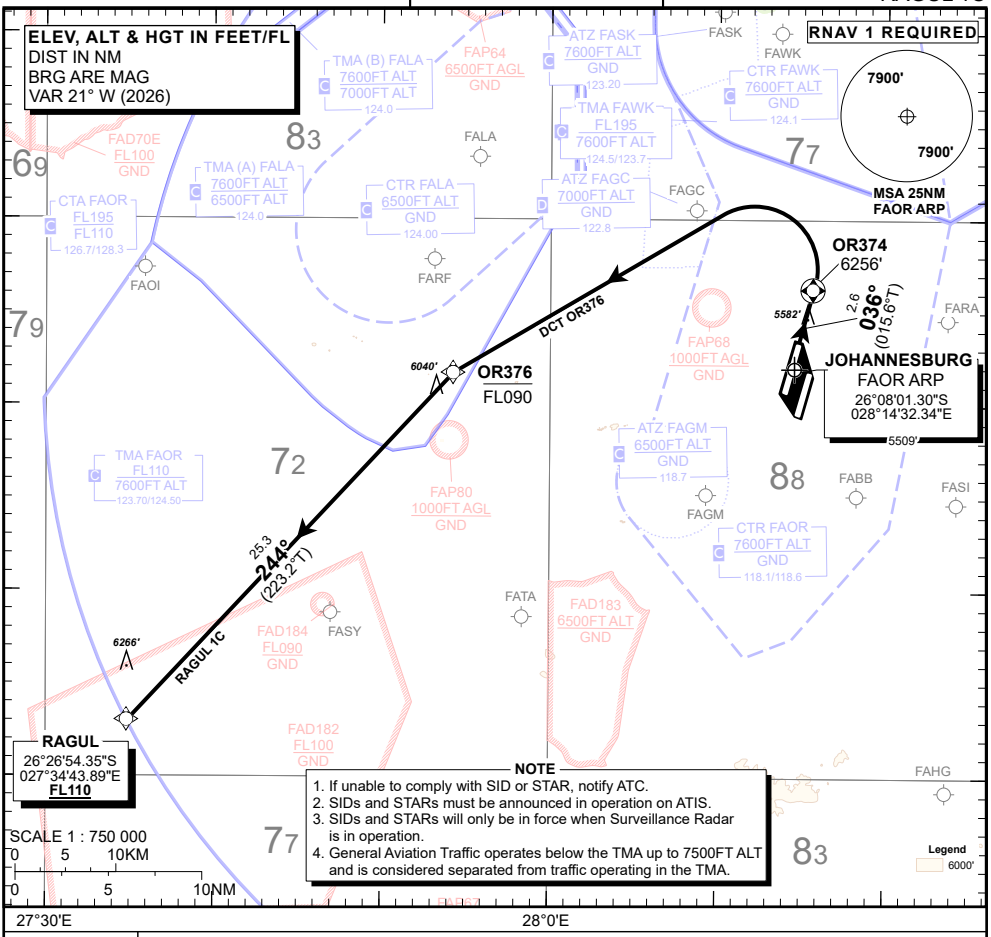
STANDARD DEPARTURE CHART - INSTRUMENT (STAR) - ICAO

TRANSITIONAL ALTITUDE
8000'
TRANSITIONAL LEVEL
ATC

RADAR APP S: 124.50	TWR E: 118.60
E: 124.50	W: 118.10
W: 123.70	ATIS: 126.20
DIRECTOR: 121.40	SMC: 121.90
ACC SW: 128.30	

JOHANNESBURG
(O.R. TAMBO INTL)
(FAOR)
RNAV (GNSS) RWY 03L
RAGUL 1C



NOTE

1. If unable to comply with SID or STAR, notify ATC.
2. SIDs and STARs must be announced in operation on ATIS.
3. SIDs and STARs will only be in force when Surveillance Radar is in operation.
4. General Aviation Traffic operates below the TMA up to 7500FT ALT and is considered separated from traffic operating in the TMA.

RAGUL 1C: RWY 03L

Climb to FL110. To OR374 on course 036˚M, turn left direct to OR376 at or below FL090, to RAGUL at or above FL110. At RAGUL, set course as per flight plan.

Restricted to a minimum climb gradient of 4.7%, until reaching CTR BDRY.

4.7% @ 140KT IAS = 667 FPM
4.7% @ 180KT IAS = 857 FPM
4.7% @ 220KT IAS = 1048 FPM

Note: This procedure is CO-DEPENDENT on the NIBEX 1B RNAV (GNSS) STAR RWY 03R procedure which needs to be published in order for the RAGUL 1C RNAV (GNSS) SID RWY 03L Communication Failure Procedure to be valid.

COMMUNICATION FAILURE PROCEDURE (Squawk 7600)

Comply with the **RAGUL 1C RNAV (GNSS) SID RWY 03L.** At RAGUL set course as per flight plan and climb to flight plan level.

Aircraft wishing to return to FAOR must continue as per the RAGUL 1C RNAV (GNSS) SID to RAGUL. At RAGUL proceed to NIBEX and enter the NIBEX 1B RNAV (GNSS) at **FL110**. Hold for 5 minutes. Thereafter, comply with the **After NIBEX 1B RNAV (GNSS) STAR** Communication Failure Procedure.

CHANGE: New Procedure