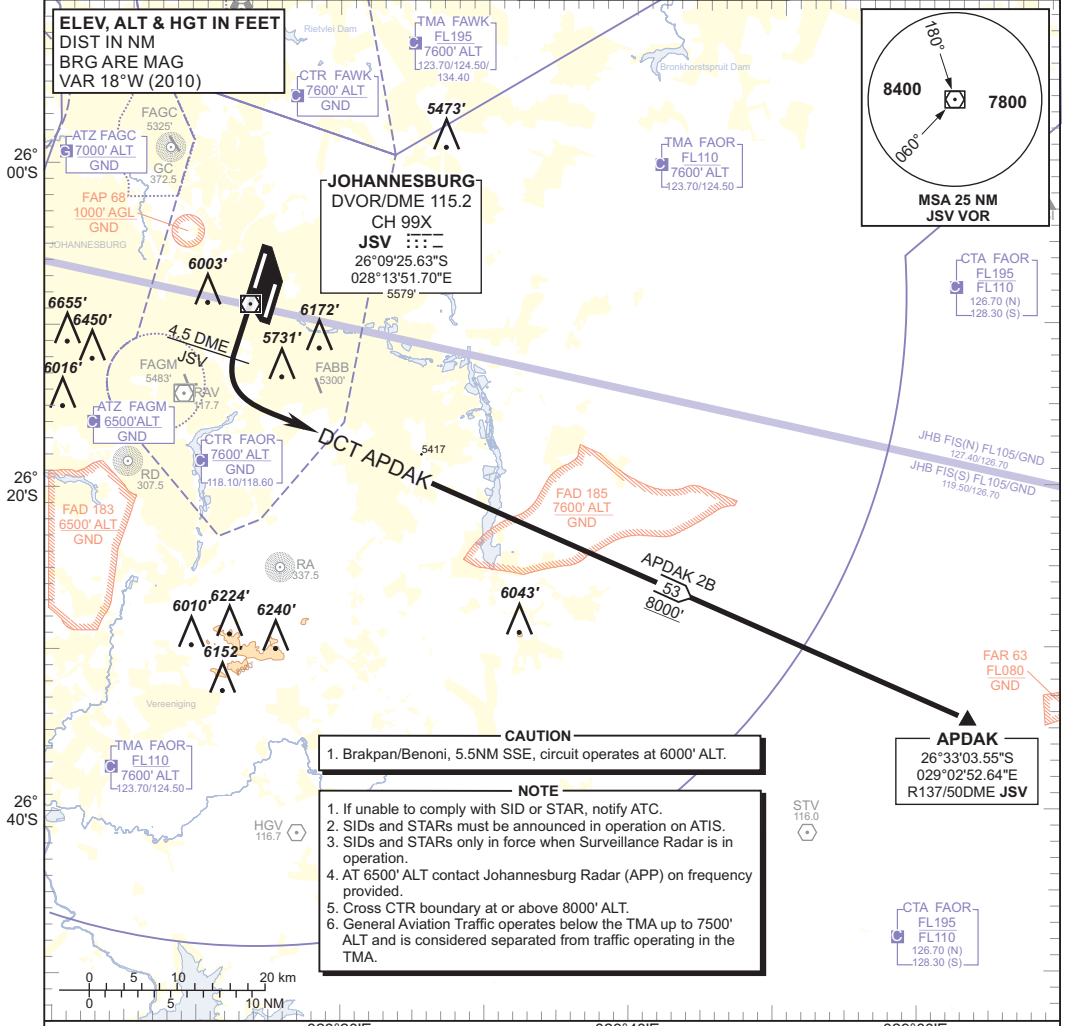


**STANDARD DEPARTURE
CHART -
INSTRUMENT
(SID)**

TRANSITION ALTITUDE
8000'
TRANSITION LEVEL
ATC

RADAR APP S 124.50 TWR E 118.60
E 124.50 W 118.10
W 123.70 ATIS 126.20
DIR 121.40 115.20
ACC N 126.70 SMC 121.90

JOHANNESBURG
(O.R. TAMBO INTERNATIONAL)
RWY 21R
APDAK 2B



CAUTION
1. Brakpan/Benoni, 5.5NM SSE, circuit operates at 6000' ALT.

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 only in force when Surveillance Radar is in operation.
4. AT 6500' ALT contact Johannesburg Radar (APP) on frequency provided.
5. Cross CTR boundary at or above 8000' ALT.
6. General Aviation Traffic operates below the TMA up to 7500' ALT and is considered separated from traffic operating in the TMA.

**APDAK 2B,
RWY 21R**

Climb to 8000' ALT, maintain RWY track to 4.5 DME JSV then turn left direct to APDAK. Cross 4.5 DME JSV at 7000' ALT or above. Further climb will be under radar control. At APDAK set course as per flight plan.

Restricted to a minimum climb gradient of 4.2% to CTR boundary.
4.2% @ 140KT IAS = 596 FPM
4.2% @ 180KT IAS = 766 FPM
4.2% @ 220KT IAS = 936 FPM

COMMUNICATION FAILURE PROCEDURE (Squawk 7600)

Comply with APDAK 2B SID, climbing to 8300' ALT or maintain last assigned level whichever is the highest. At APDAK continue as per flight plan.

Aircraft wishing to return must continue to the SID termination point and climb to last assigned level or MSA if last cleared level is below MSA. At APDAK proceed to STV and comply with the appropriate STAR Communication Failure procedure.

CHANGE: NDB NIMT withdrawn