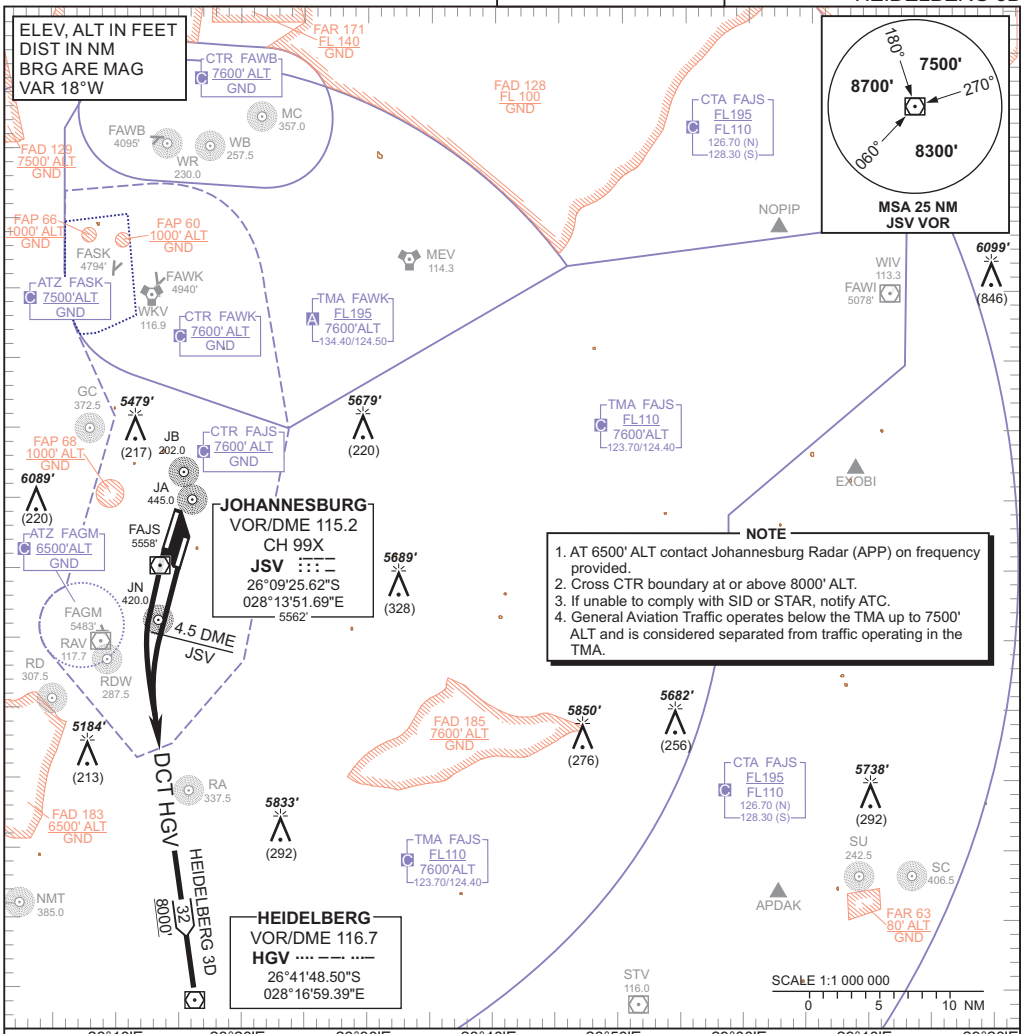
STANDARD DEPARTURE CHART - INSTRUMENT (SID)

TRANSITIONAL ALTITUDE
8000'
TRANSITIONAL LEVEL
ATC

RADAR APP 124.50 (W & SE)
TWR 118.10/118.60
SMC 121.90
ATIS 126.20/115.20

JOHANNESBURG
(O.R. TAMBO INTERNATIONAL)
RWY 21
HEIDELBERG 3D



HEIDELBERG 3D: RWY 21

Climb to 8000' ALT, maintain RWY track to 4.5 DME JSV then turn left direct to HGV. Cross 4.5 DME JSV at 7000' ALT or above. Further climb will be under radar control. At HGV 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 the HEIDELBERG 3D SID, climbing to 8300' ALT or maintain last assigned level, whichever is the highest. At HGV set course 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 HGV proceed to STV and comply with the appropriate STAR Communication Failure procedure.

CHANGE: ATIS FREQ