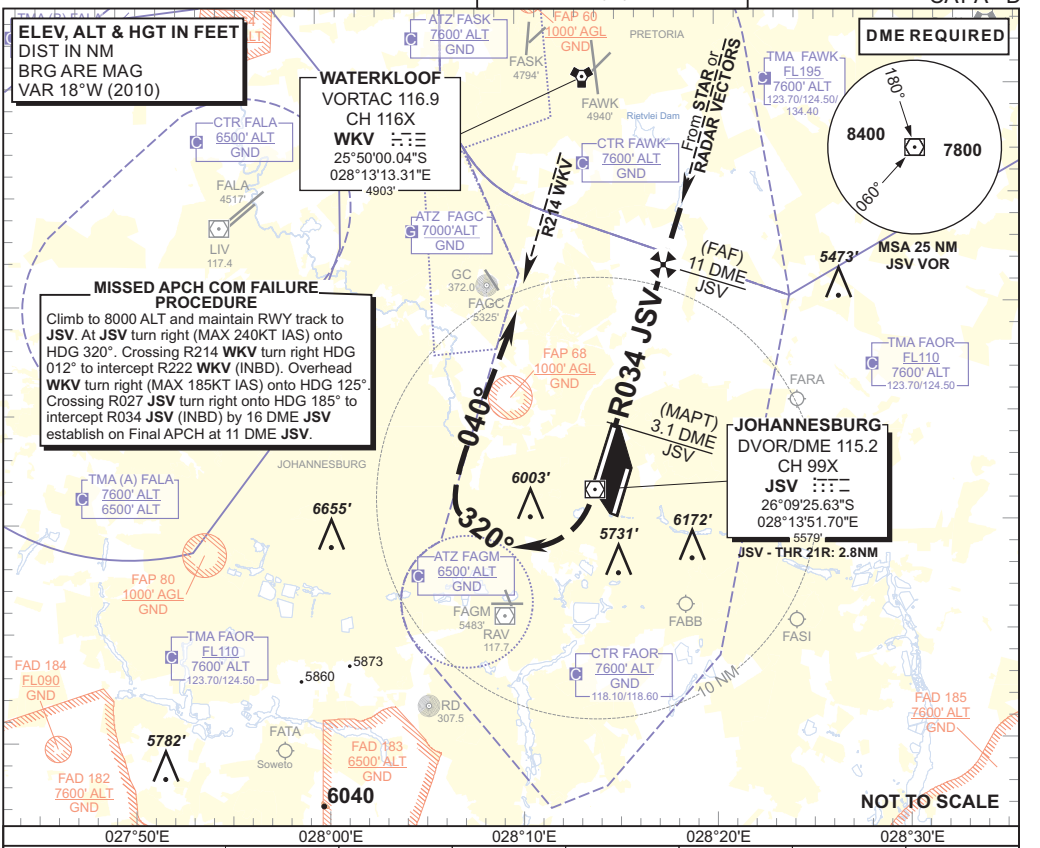
INSTRUMENT APPROACH CHART

AERODROME ELEV 5558'
HEIGHTS RELATED TO THR RWY 21R - ELEV 5505'

RADAR APP S 124.50	ATIS 126.20
E 124.50	115.20
W 123.70	SMC 121.90
TWR E 118.60	
W 118.10	

JOHANNESBURG
(O.R. TAMBO INTERNATIONAL)
VOR Y RWY 21R
CAT A - D

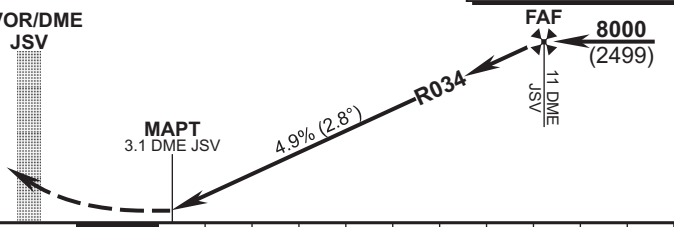


JSV DME	8	7	6	5	4	3
ADVISORY ALT (HGT)	***7110*** (1605)	***6810*** (1305)	***6510*** (1005)	***6210*** (705)	***5920*** (415)	***5620*** (115)

TRANSITION ALT **8000**
TRANSITION LEVEL **ATC**

INA ALT: from **STAR** or **RADAR VECTORING** onto the **FAF**

MISSED APPROACH: Climb to 8000 ALT and maintain RWY track to **JSV**. Overhead **JSV** turn right (MAX 240KT IAS) onto HDG 320°. Crossing R214 **WKV** turn right onto HDG 040° for radar vectoring onto RWY 21R.
THR ELEV 5505



NM to/from **THR RWY 21R** 0 1 2 3 4 5 6 7 8 9 10 11 12

OCA (H)		A	B	C	D/DL
Straight-in Approach	With 5.0% Missed APCH Gradient	***5980*** (475)	***5980*** (475)	***5980*** (475)	***5980*** (475)
	With 2.5% Missed APCH Gradient	***7030***(1525)	***7030***(1525)	***7030***(1525)	***7030***(1525)
Circling	WEST OF RWY 03/21	***6070*** (565)		***6410*** (905)	
	EAST OF RWY 03/21	***6050*** (545)		***6250*** (745)	

GS	KT	80	100	120	140	160
FAF to THR	M:S	**6:09**	**4:55**	**4:06**	**3:31**	**3:04**
Rate of descent	FPM	**398**	**497**	**597**	**696**	**796**
GS	KT	120	140	160	180	200
5.1% Missed APCH Climb Gradient	FPM	**620**	**723**	**826**	**930**	**1033**

NOTE:
1. 5.1% Missed APCH climb gradient required to cross CTR BDRY 8000 ALT or above.
2. Parallel approach authorised with RWY 21L.

CHANGE: Location Indicator FAOR / NDB JB/JN & JA decommissioned