

**INSTRUMENT APPROACH CHART**

**AERODROME ELEV 5558  
HEIGHTS RELATED TO  
THR RWY 21L - ELEV 5494FT**

(O R TAMBO INTL)  
(Cat A - D)

**JOHANNESBURG  
ILS Y Rwy 21L**

**FAJS**

**JOHANNESBURG Radar (App)  
134.4 (N) 123.7 (W) 124.5 (W & SE)**

**Tower  
118.1/121.9**

**Ground  
121.9/121.7**

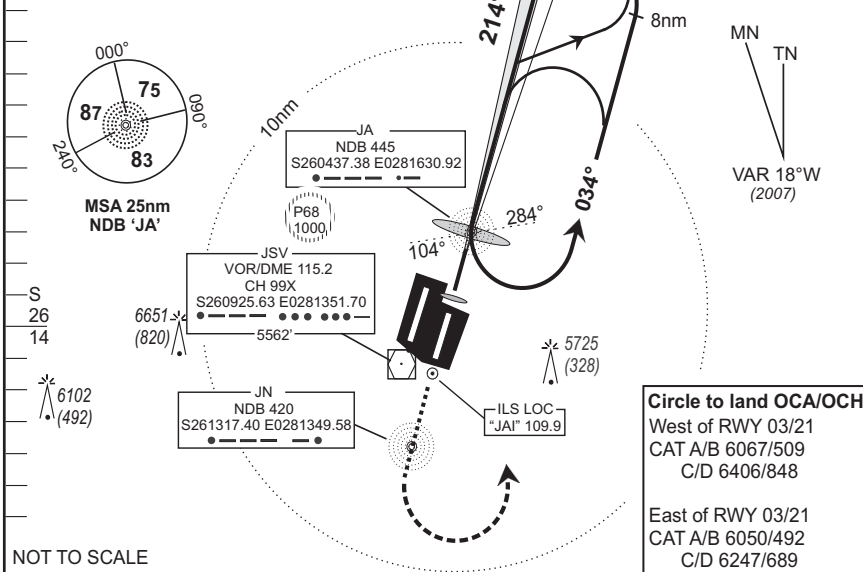
**ATIS  
126.20**

**ILS-05  
EFF  
14 Feb 08**

BEARINGS ARE MAGNETIC  
ALTITUDES, ELEVATIONS  
AND HEIGHTS IN FEET.  
DISTANCES IN NM.

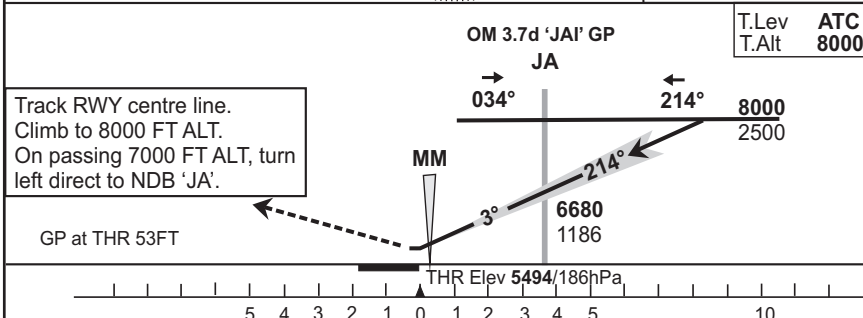
E028 08

**NDB and DME required**



NOT TO SCALE

**Circle to land OCA/OCH**  
West of RWY 03/21  
CAT A/B 6067/509  
C/D 6406/848  
  
East of RWY 03/21  
CAT A/B 6050/492  
C/D 6247/689



Track RWY centre line.  
Climb to 8000 FT ALT.  
On passing 7000 FT ALT, turn  
left direct to NDB 'JA'.

GP at THR 53FT

- Initial approach altitude 8000 or higher MSA.
- Parallel approach authorised with 21R.
- Procedure turn approach applicable only within 30° of the outbound turn. Use phraseology "Request procedure turn approach".
- Cat 2 operation and minima must be approved by CAA.
- ILS/DME "JAI" (109.9 MHz) collocated with G/P transmitter.

OCA/H					"JA" - THR							
Cat of ACFT	A	B	C	D	Speed	Kt	80	100	120	140	160	
Straight in	Cat 1	5642(148)	5651(157)	5662(168)	5672(176)	Time	M:s	2:42	2:10	1:48	1:32	1:21
	Cat 11	5546(52)	5559(65)	5573(79)	5586(92)	Rate of Descent	Fpm	240	530	640	740	850
Approach	GP INOP				"JAI" ILS/DME		3d		2d		1d	
Circling					Advisory Alt/Hgt		6460(970)		6140(650)		5820(330)	

Rev: Revised Format. Var. Radials & Headings.

WGS-84

CAA South Africa