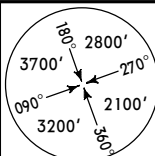




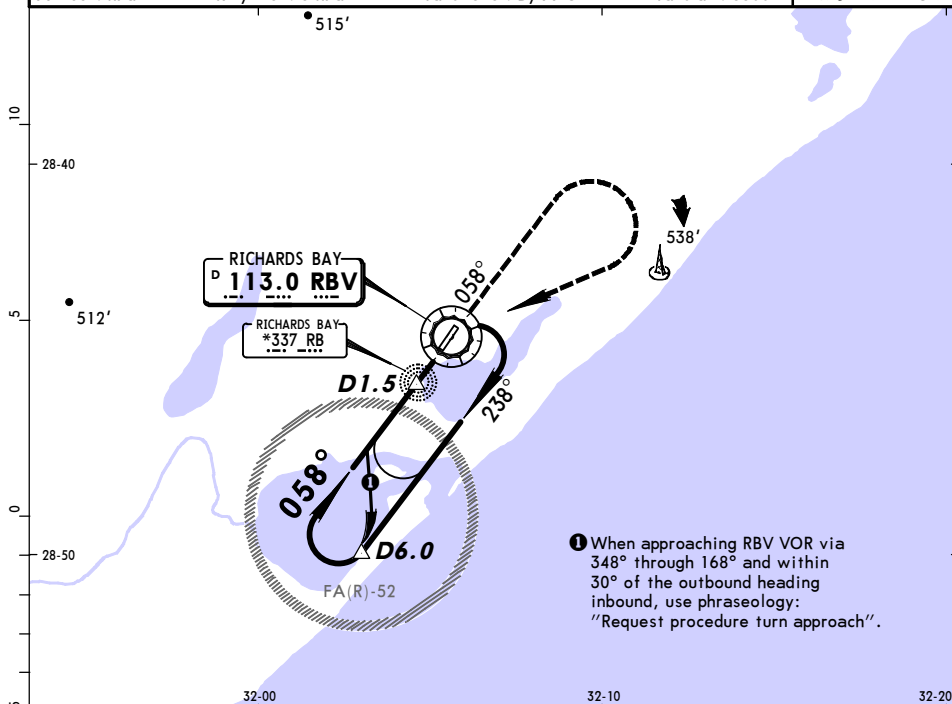
118.9

*Apt Elev* 109'  
*RWY* **73'**

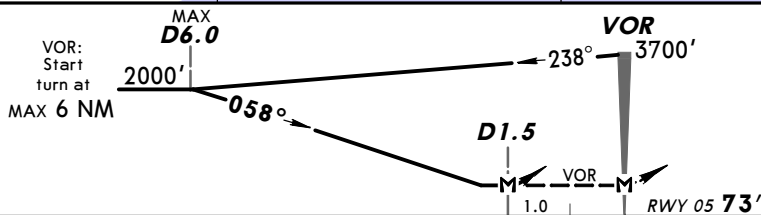


Trans alt: 3500'

MSA RBV VOR



**1** When approaching RBV VOR via 348° through 168° and within 30° of the outbound heading inbound, use phraseology: "Request procedure turn approach".



							PAPI-L	1500' RBV on 113.0 ↑ R-058
VOR DME: MAP at D1.5								
VOR: MAP at VOR								

JAR-OPS STRAIGHT-IN LANDING RWY 05

*MDA(H)* AB: **580'**(507')  
C: **670'**(597')

CIRCLE-TO-LAND

Not authorized West of rwy

**ENTIRELY AT PILOTS DISCRETION**

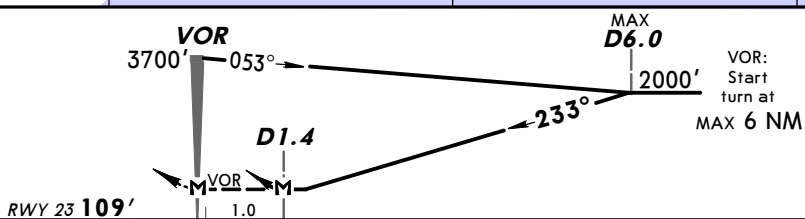
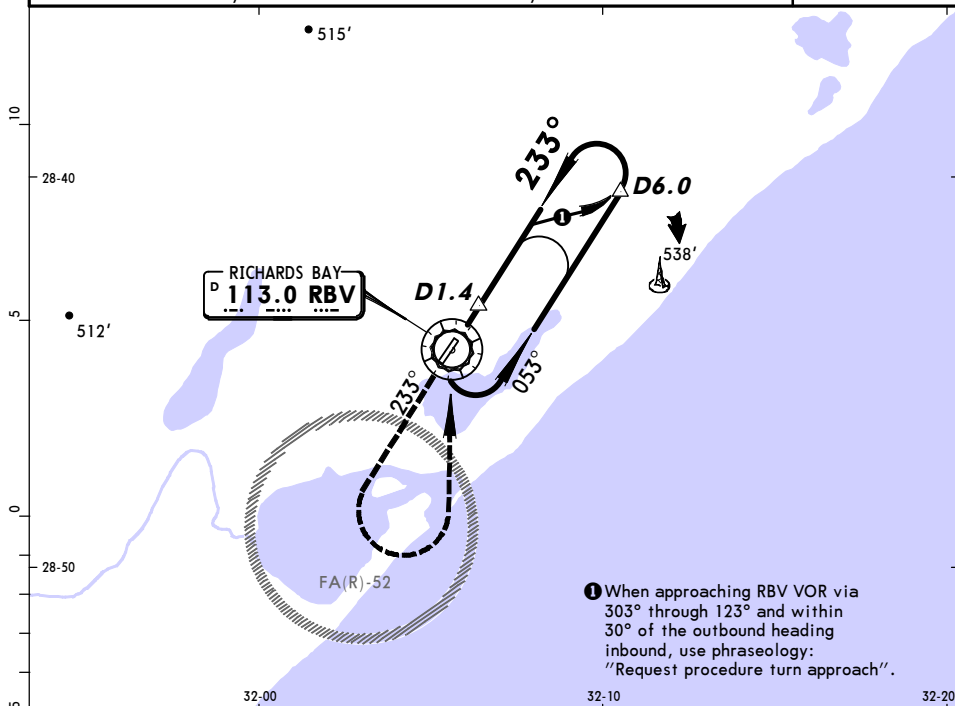
A		<b>MINIMUMS NOT YET ESTABLISHED BY S AFR REP CAA</b>
B	RVR 1500m	
C	RVR 2000m	
D	NOT APPLICABLE	

**MINIMUMS NOT YET ESTABLISHED  
BY S AFR REP CAA**

118.9

Alt Set: hPa	Rwy Elev: 4 hPa	Trans level: By ATC	Trans alt: 3500'
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MSA RBV VOR



							PAPI-L	1500'	RBV on 113.0
VOR DME: MAP at DI.4								↑	R-233
VOR: MAP at VOR									

**JAR-OPS**

STRAIGHT-IN LANDING RWY 23

CIRCLE-TO-LAND

Not authorized West of rwy

**ENTIRELY AT PILOTS DISCRETION**

A			<b>MINIMUMS NOT YET ESTABLISHED BY S AFR REP CAA</b>
B	RVR 1500m		
C	RVR 2000m		
D	NOT APPLICABLE		

Approach Control through Tower  
\*RICHARDS BAY Tower  
**118.9**

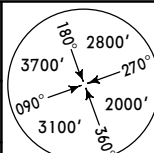
**NDB**  
**RB**  
**337**

**Final**  
**Apch Crs**  
**058°**

**Minimum Alt**  
**No FAF**

**MDA(H)**  
**710' (637')**

**Apt Elev 109'**  
**RWY 73'**

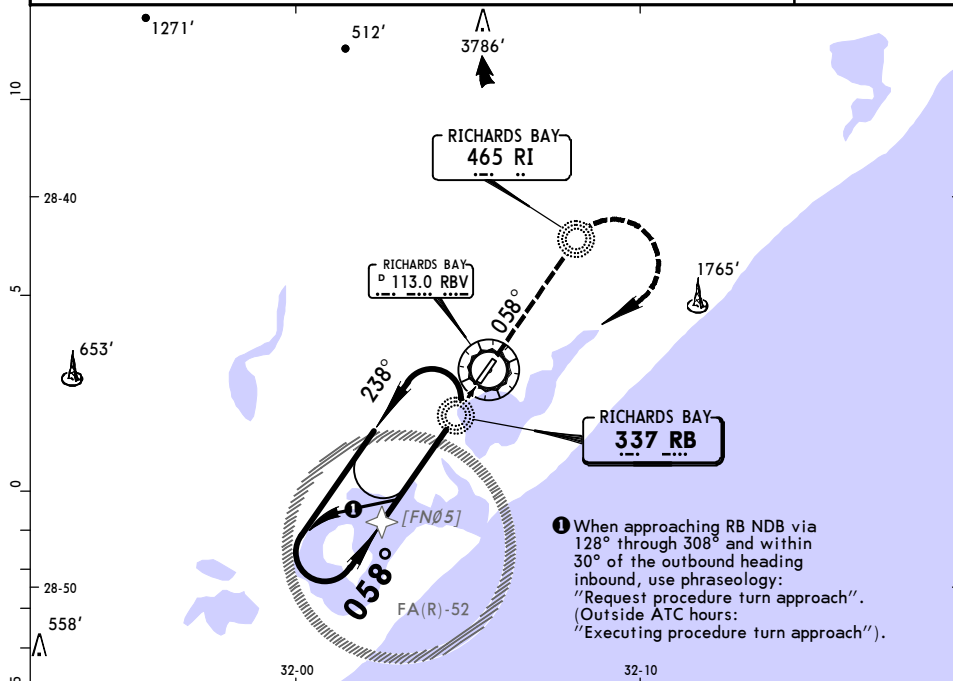


**MSA**  
**RB NDB**

**MISSED APCH:** Track onto RI NDB on 058° climbing to 2000', then turn RIGHT and return to RB NDB, or as directed.

Alt Set: hPa Rwy Elev: 3 hPa Trans level: By ATC Trans alt: 3500'

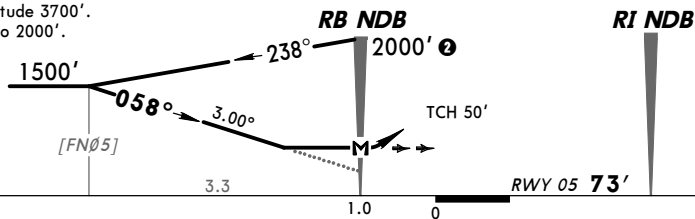
1. **Dual ADF required.** 2. Outside ATC hours procedure is conducted entirely at discretion of pilot-in-command.



① When approaching RB NDB via 128° through 308° and within 30° of the outbound heading inbound, use phraseology: "Request procedure turn approach". (Outside ATC hours: "Executing procedure turn approach").

② Initial approach altitude 3700'. Descend in holding to 2000'.

Start turn at  
**MAX 6 NM**



Gnd speed-Kts	70	90	100	120	140	160
Descent angle 3.00°	372	478	531	637	743	849
MAP at RB NDB						

PAPI-L

**2000'** on **058°**  
**RI 465**

**JAR-OPS** **STRAIGHT-IN LANDING RWY 05**

**MDA(H) 710' (637')**

**CIRCLE-TO-LAND**

Not authorized West of rwy

**ENTIRELY AT PILOTS DISCRETION**

A	RVR 1500m
B	
C	NOT APPLICABLE
D	

**MINIMUMS NOT YET ESTABLISHED**  
**BY S AFR REP CAA**

Approach Control through Tower

\*RICHARDS BAY Tower

**118.9**

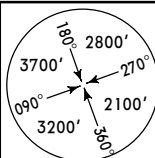
**NDB**  
**RI**  
**465**

**Final**  
**Apch Crs**  
**236°**

**Minimum Alt**  
**RI NDB**  
**1100' (991')**

**MDA(H)**  
**610' (501')**

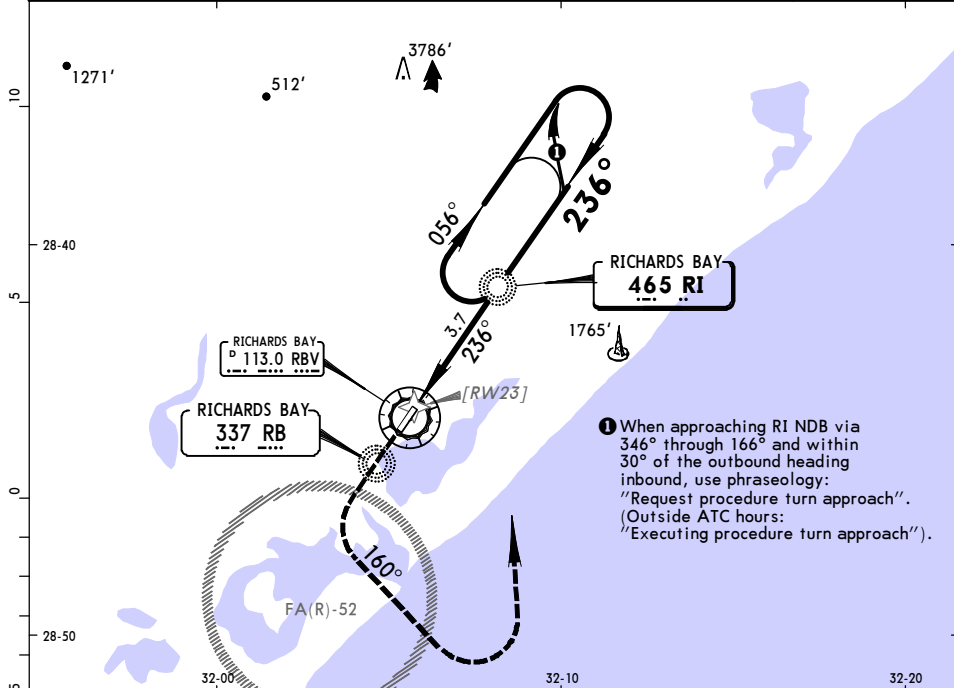
**Apt Elev 109'**



**MISSED APCH:** Climb on track to RB NDB to 1200', then climbing turn LEFT onto 160° to 2500', then turn LEFT and return to RI NDB at 2500'.

Alt Set: hPa Apt Elev: 4 hPa Trans level: By ATC Trans alt: 3500'  
Outside ATC hours procedure is conducted entirely at discretion of pilot-in-command.

**MSA RI NDB**



**RB NDB**

**RI NDB**

Start  
turn at  
**MAX 6 NM**

**APT 109'**

Gnd speed-Kts		70	90	100	120	140	160
Descent angle	2.80°	347	446	495	594	693	792
RI NDB to MAP	3.7	3:10	2:28	2:13	1:51	1:35	1:23

**PAPI-L**

**RB**  
**337**

**1200'**

**2500'**  
on to **160°**

**JAR-OPS**

**STRAIGHT-IN LANDING RWY 23**

**CIRCLE-TO-LAND**

Not authorized West of rwy

**ENTIRELY AT PILOTS DISCRETION**

**MDA(H) 610' (501')**

**MINIMUMS NOT YET ESTABLISHED**  
**BY S AFR REP CAA**