

**SINGAPORE CHANGI RNP-APCH RWY 20L – Approach from OBGIS**

Path Terminator	Waypoint	Fly-Over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed Limit (KT)	VPA/TCH(FT)	Navigation Specification
IF	OBGIS	-	203 (203.4)	-0.4	-	-	A017+	180	-	RNP APCH
TF	OVMAN	-	203 (203.4)	-0.4	2	-	A011+	150	-	RNP APCH
TF	RW20L	Y	203 (203.4)	-0.4	3	-	-	-	-3.0° / 50	RNP APCH
CA	-	-	203 (203.4)	-0.4	-	L	A015+	-	-	RNP APCH
DF	HOSBA	-	-	-	-	-	A070+	-	-	RNP APCH

**Waypoint Coordinates**

Name	Latitude	Longitude
OBGIS (IF)	01° 25' 56.83" N	104° 02' 46.74" E
OVMAN (FAF)	01° 24' 06.28" N	104° 02' 00.06" E
RW20L	01° 21' 20.45" N	104° 00' 50.05" E
HOSBA	01° 19' 48.00" N	104° 24' 18.00" E