

#### STANDARD DEPARTURE CHART - INSTRUMENT

## **RORS / SHIMOJISHIMA**

SID

## ANNIE FIVE DEPARTURE

RWY17: Climb RWY HDG to 500FT, turn right HDG036° to intercept and proceed ...

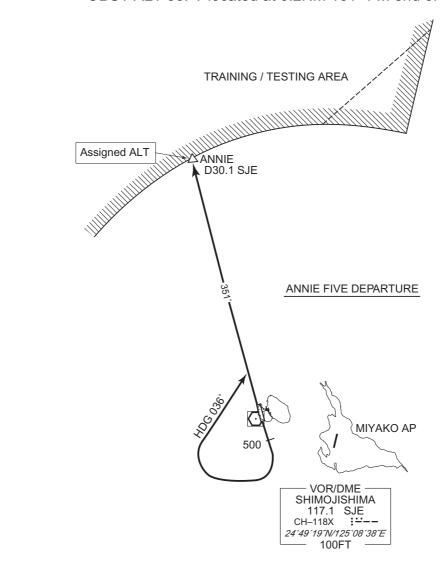
RWY35: Climb ...

... via SJE R351 to ANNIE.

Cross ANNIE at assigned altitude.

Note RWY17: 5.0% climb gradient required up to 500FT.

OBST ALT 93FT located at 0.2NM 161° FM end of RWY17.



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## **RORS / SHIMOJISHIMA**

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## **BETTY FIVE DEPARTURE**

RWY17: Climb RWY HDG to 500FT ...

RWY35: Climb RWY HDG to 500FT, turn left HDG 126° to intercept and

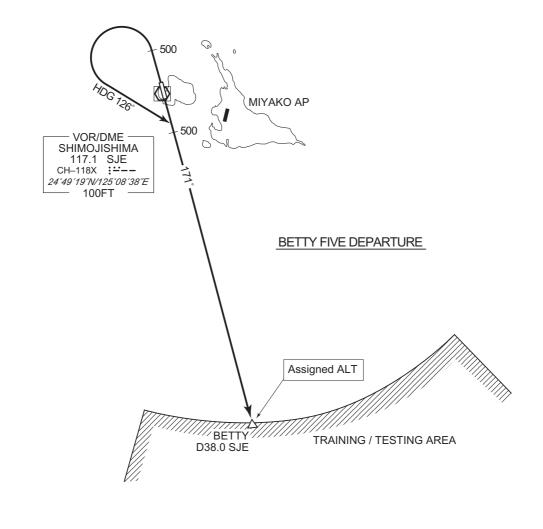
proceed ...

... via SJE R171 to BETTY.

Cross BETTY at assigned altitude.

Note RWY17: 5.0% climb gradient required up to 500FT.

OBST ALT 93FT located at 0.2NM 161° FM end of RWY17.



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#### **RORS / SHIMOJISHIMA**

SID

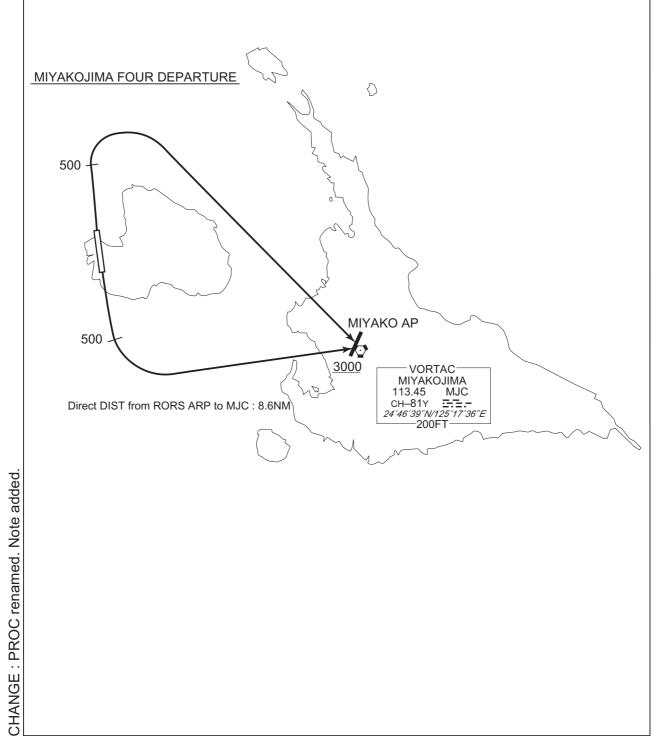
## MIYAKOJIMA FOUR DEPARTURE

RWY17: Climb RWY HDG to 500FT, turn left,... RWY35: Climb RWY HDG to 500FT, turn right,...

...direct to MJC VORTAC. Cross MJC VORTAC at or above 3000FT.

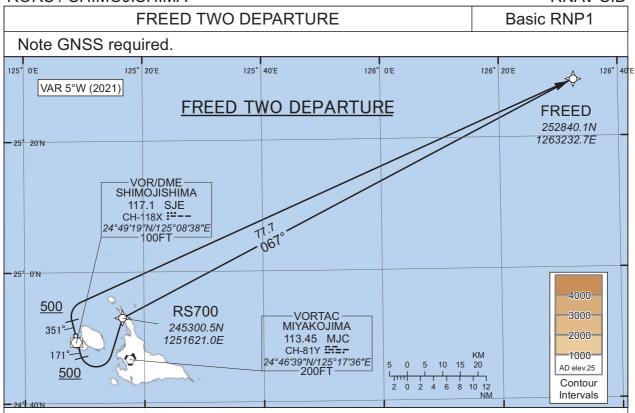
Note RWY17: 5.0% climb gradient required up to 500FT.

OBST ALT 93FT located at 0.2NM 161° FM end of RWY17.



## **RORS / SHIMOJISHIMA**

**RNAV SID** 



## FREED TWO DEPARTURE

RWY17 : Climb on HDG171° at or above 500FT, turn left direct to RS700, to FREED.

RWY35 : Climb on HDG351° at or above 500FT, turn right direct to FREED.

Note RWY17: 5.0% climb gradient required up to 500FT.

OBST ALT 93FT located at 0.2NM 161° FM end of RWY17.

#### RWY17

Serial Number	Path Descriptor	Way point Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	171 (166.1)	-5.1	-	-	+500	-	-	Basic RNP1
002	DF	RS700	-	-	-5.1	-	L	-	-	-	Basic RNP1
003	TF	FREED	-	067 (062.4)	-5.1	77.7	-	-	-	-	Basic RNP1

### RWY35

Serial Number	Path Descriptor	Way point Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	351 (346.1)	-5.1	-	-	+500	-	-	Basic RNP1
002	DF	FREED	-	-	-5.1	-	R	-	-	-	Basic RNP1

## STANDARD ARRIVAL CHART - INSTRUMENT



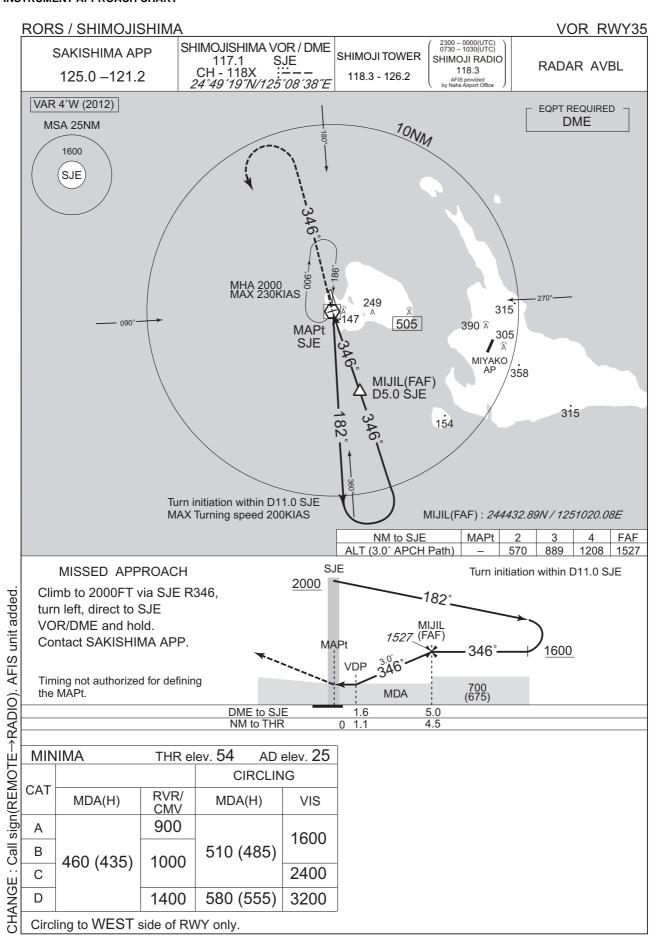
#### STANDARD ARRIVAL CHART - INSTRUMENT

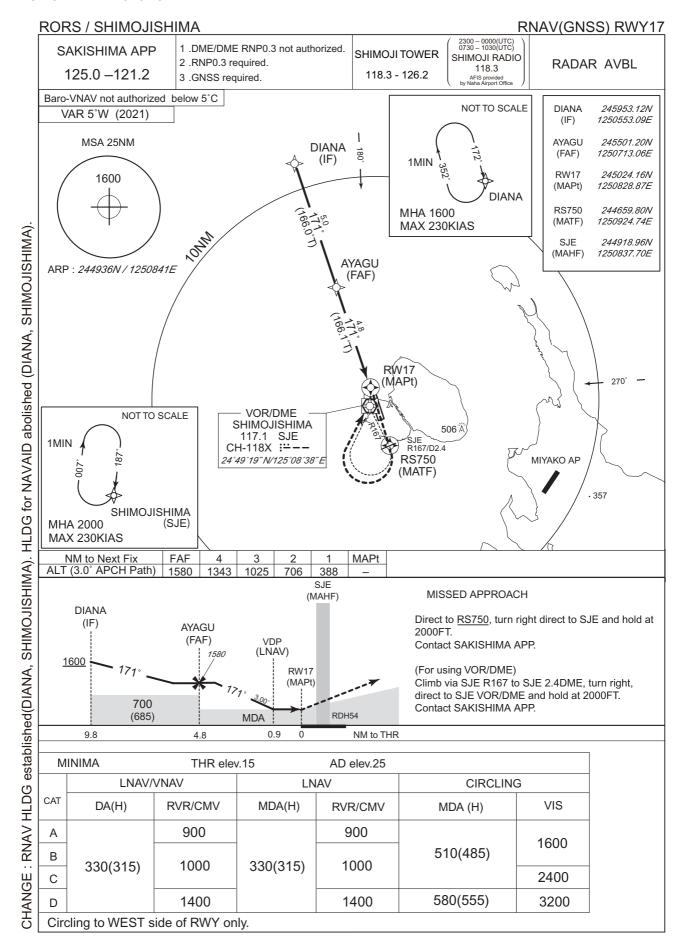
## **RORS / SHIMOJISHIMA STAR BETTY ARRIVAL** From over BETTY, proceed via MJC R184 to intercept and proceed via SJE R169 to CHIMI. Cross CHIMI at or above 1600FT. VOR/DME — SHIMOJISHIMA 117.1 SJE CH-118X ;∵--MIYAKO AP 24°49′19″N/125°08′38″E 100FT VORTAC-MIYAKOJIMA 113.45 MJC CH-81Y == -24°46′39″N/125°17′36″E 200FT CHIMI <u>1600</u> D10.2 SJE ← BETTY ARRIVAL D30.0 MJC D33.7 SJE BETTY D34.3 MJC











#### RORS / SHIMOJISHIMA RNAV(GNSS) RWY35 2300 - 0000(UTC) 0730 - 1030(UTC) SAKISHIMA APP 1 .DME/DME RNP0.3 not authorized. SHIMOJI TOWER SHIMOJI RADIO RADAR AVBL 2 .RNP0.3 required. 118.3 125.0 - 121.2118.3 - 126.2 3 .GNSS required. Baro-VNAV not authorized below 5°C NOT TO SCALE VAR 5°W (2021) SHIMOJISHIMA). HLDG for NAVAID abolished (CHIMI, DIANA, SHIMOJISHIMA) MSA 25NM DIANA 1MIN 180° (IAF) 1600 MAON MHA 1600 MAX 230KIAS RS551 (MATF) ARP 244936N / 1250841E SJE R353/D3.0 VOR/DME SHIMOJISHIMA 117.1 SJE CH-118X ::---DIANA 245953.12N NOT TO SCALE 1250553.09E 4°49′19″ N/125°08′38″ E 244856 60N TAIKO 1MIN 1250205.03E √506 **TAIKO** RS550 090 MIYAKO AF NUUSI 243800.12N (MAPt) 1250504.90E CHIMI 243927.59N 357 SHIMOJISHIMA (IF) 1251128.20E **PINZA** MHA 2000 (FAF) PINZA 244419.54N MAX 230KIAS (FAF) 1251008.52E NOT TO SCALE RS550 244805.41N CHIMI (MAPt) 1250906.81E RS551 245213.91N (MATF) 1250758.85E СНІМІ .081 SJE 244918.96N (MAHF) 1250837.70E 1MIN NUUSI MHA 1600 MAX 230KIAS **MAPt** 1 2 3 FAF NM to Next Fix 1581 ALT (3.0° APCH Path) MISSED APPROACH SJE (MAHF) DIANA DIANA. Direct to RS551, turn left direct to SJE and hold at (IAF) TAIKO CHIMI NUUSI 2000FT. **PINZA** (IF) Contact SAKISHIMA APP. (FAF) RS550 CHANGE: RNAV HLDG established(CHIMI, (MAPt) 1600 (For using VOR/DME) Climb via SJE R353 to SJE 3.0DME, turn left, direct to SJE VOR/DME and hold at 2000FT. Contact SAKISHIMA APP 700 (675) RDH54 MDA 0.8 4.6 9.6 MINIMA THR elev.54 AD elev.25 LNAV/VNAV LNAV **CIRCLING** CAT VIS RVR/CMV MDA(H) DA(H) RVR/CMV MDA (H) 900 Α 1600 510(485) 800 В 350(325) 1000 350(296) 2400 С 1200 580(555) 1400 3200 Circling to WEST side of RWY only.

# **RORS / SHIMOJISHIMA** Visual REP VAR 5°W(2022) / 7'W SHIMOJI TOWER 118.3 - 126.2 SHIMOJISHIMA CONTROL ZONE IKEMAJIMA At or below 3000FT 池間島 (Excluding the area of MIYAKO CONTROL ZONE) 9NM NW 伊良部島 下地島 MIYAKO AP 宮古島 9NM SW Webメルカトル図法(球体補正) / Web Mercator projection

※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

Call sign	BRG / DIST from ARP	Remarks
池間島 Ikemajima	040°T / 8.2NM	島 Island
9NM NW	290°T / 9.0NM	海上 Over the sea
9NM SW	230°T / 9.0NM	海上 Over the sea

