



### STANDARD DEPARTURE CHART - INSTRUMENT

### RJBD / NANKI-SHIRAHAMA

SID

## NANKI REVERSAL THREE DEPARTURE

RWY15: Climb on HDG163° to NKE 4.0DME, turn right,...

RWY33: Climb RWY HDG to 1500FT, turn left,....

...direct to NKE VOR/DME.

Cross NKE VOR/DME at or above 4000FT.

Note RWY15: 5.8% climb gradient required up to 1300FT.

OBST ALT 984FT located at 3.1NM 139° FM end of RWY15.



## RJBD / NANKI-SHIRAHAMA

**RNAV SID** 

## KUSHIMOTO ONE DEPARTURE RNP1 Note GNSS required. VAR 7° W(2017) VOR/DME **NANKI** 109.05 NKE 800 33°39′41″N/135°21′34″E -300FT KUSHIMOTO ONE DEPARTURE 21<u>00</u> BD300 333545.0N 1351624.4E 5000 BD301 345 (52) 333324.8N 1352441.1E **VORTAC** KUSHIMOTO 112.9 KEC CH-76X ∑:= 33°26′52″N/135°47′40″E RWY33: See TAKE OFF MINIMA 1354740.2E 200FT

## KUSHIMOTO ONE DEPARTURE

RWY15: Climb on HDG148° at or above 2100FT, turn left direct to KEC.

RWY33: Climb on HDG328° at or above 800FT, turn left direct to BD300, to BD301 at or above 5000FT, to KEC.

Note RWY15: 6.1% climb gradient required up to 2100FT.

OBST ALT 1641FT located at 4.3NM 138° FM end of RWY15.

OBST ALT 1903FT located at 4.2NM 119° FM end of RWY15.

### RWY15

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	-	148 (140.1)	-7.3	_	_	+2100	_	_	RNP1
002	DF	KEC	_	_	-7.3	_	L	_	_	_	RNP1

### RWY33

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1	Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
l	Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
	001	VA	_	_	328 (321.1)	-7.3	_	_	+800	ı	_	RNP1
	002	DF	BD300	_	_	-7.3	_	L	_	_	_	RNP1
	003	TF	BD301	_	116 (108.7)	-7.3	7.3	-	+5000	ı	_	RNP1
	004	TF	KEC	_	116 (108.8)	-7.3	20.3	_	_	_	_	RNP1
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### STANDARD ARRIVAL CHART - INSTRUMENT

# RJBD / NANKI-SHIRAHAMA **RNAV STAR** RAYJO NORTH ARRIVAL / RAYJO SOUTH ARRIVAL RNP1 Note GNSS required. VAR 7° W(2017) RAYJO NORTH ARRIVAL YATAR 334904.0N 1353640.8E 26.7 276 **RAYJO** 334948.0N 1360846.6E 7000 7000 RAYJO SOUTH ARRIVAL **MUROH** 334040.6N 1354836.5E VOR/DME NANKI 109.05 NKE CH–27Y ∓:-33°39'41"W/135°21'34"E -300FT VORTAC – KUSHIMOTO 112.9 KEC CH–76X =:=. 33°26′52″N/135°47′40″E 200FT

### RAYJO NORTH ARRIVAL

From RAYJO, to YATAR at or above 7000FT.

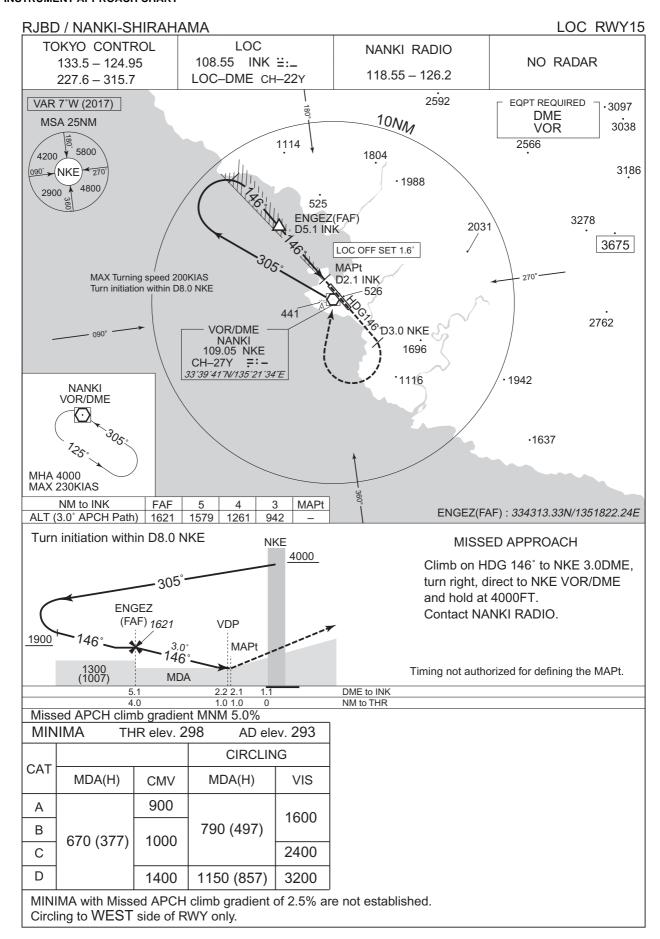
Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	IF	RAYJO	_	_	-7.3	_	_	_	_	_	RNP1
002	TF	YATAR	_	276 (268.6)	-7.3	26.7	_	+7000	_	_	RNP1

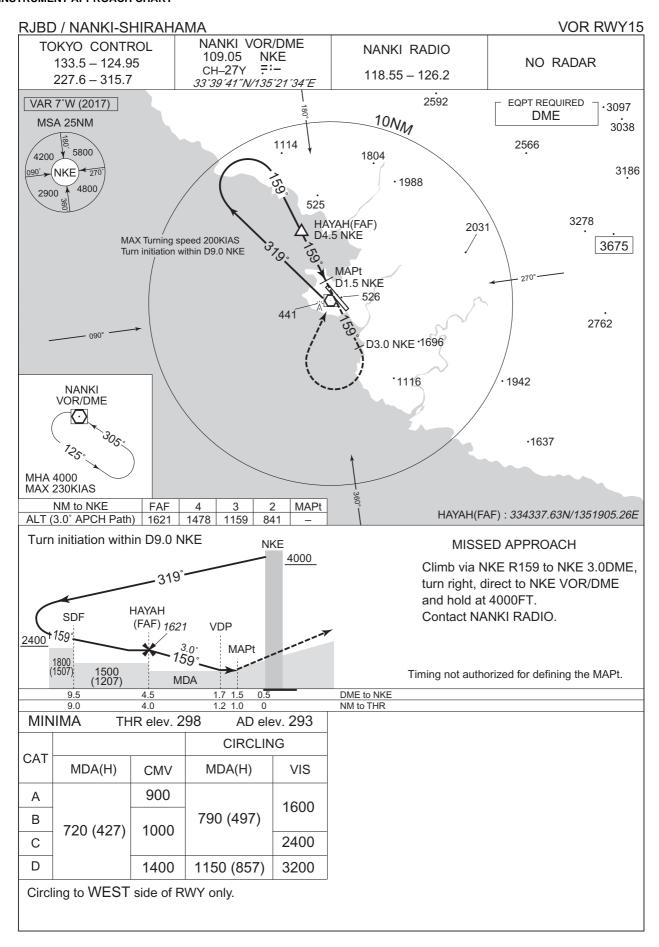
### RAYJO SOUTH ARRIVAL

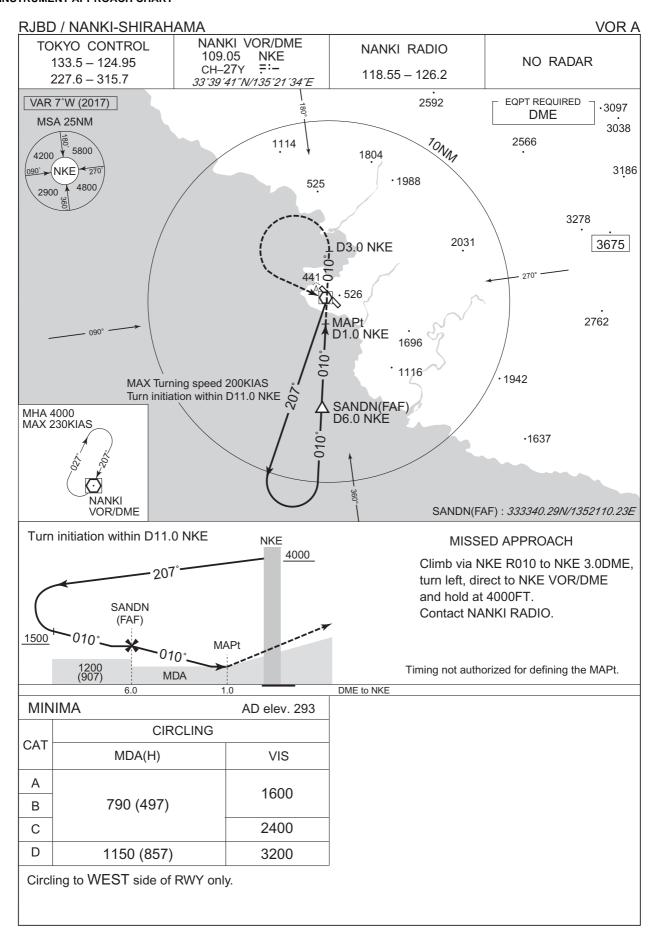
From RAYJO, to MUROH at or above 7000FT.

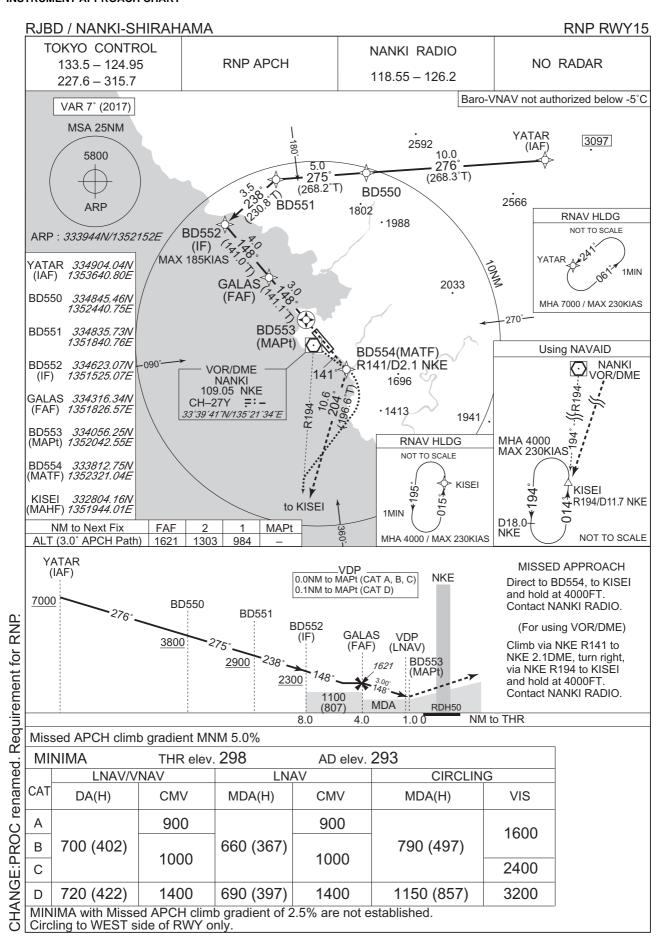
Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	IF	RAYJO	_	_	-7.3	_	_	_	_	_	RNP1
002	TF	MUROH	_	249 (241.5)	-7.3	19.1	_	+7000	-	_	RNP1

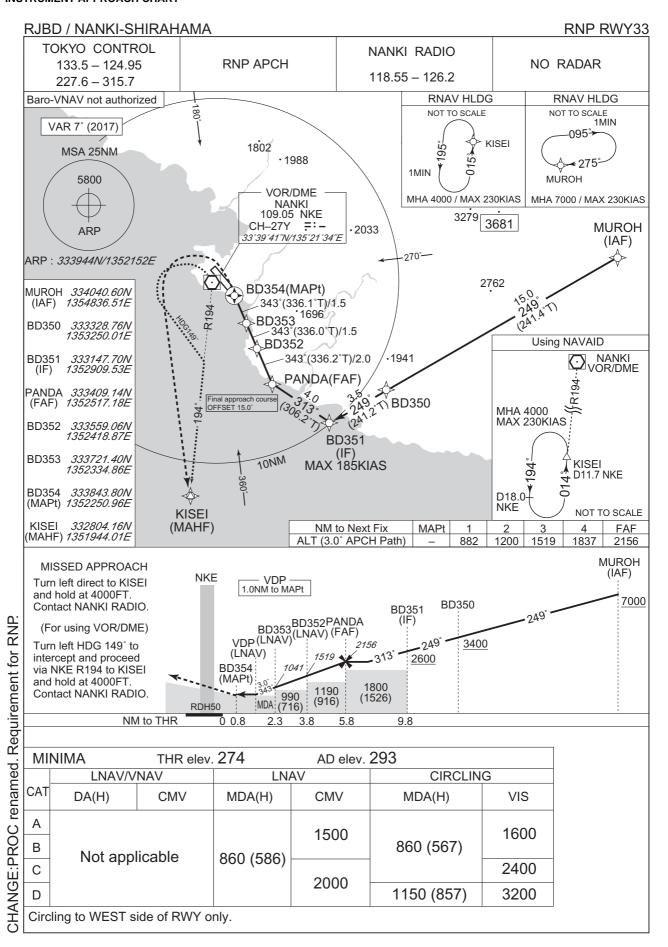
















※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

ARP	Call sign	BRG / DIST from ARP	Remarks			
from A	切目 Kirime	318°T / 9.9NM	岬 Cape			
BRG/DIST	南部 Minabe	342°T / 6.6NM	JR駅 Station			
	生馬 Ikuma	062°T / 3.8NM	橋 Truss-bridge			
odated	合川 Gogawa	083°T / 10.0NM	ダム Dam			
Map updated.	10NM W	270°T / 10.0NM	海上 Over the Sea			
	椿 Tsubaki	161°T / 3.7NM	高層ビル High Building			
CHANGE	日置 Hiki	143°T / 7.2NM	日置川河口中洲 River-mouth			



注:南紀白浜空港の西側に廃止された滑走路が(なお, 禁止標識が5ヵ所設置されている)視認できる状態にあるので,南紀白浜空港に着陸する航空機は当該滑走路と誤認しないように注意すること。

NOTE: There is remained the abolished runway with 5 cross[×] markings at west side of Nanki-Shirahama Airport. As the abolished runway in shape is visible, the aircraft which will land on Nanki-Shirahama Airport shall pay a special attention not to confuse the runway.



