



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.



STANDARD DEPARTURE CHART - INSTRUMENT

RNAV SID RJBD / NANKI-SHIRAHAMA KUSHIMOTO ONE DEPARTURE Basic 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 2100 BD300 333545.0N 1351624.4E 5000 BD301 333324.8N 1352441.1E **VORTAC** KUSHIMOTO 112.9 KEC CH-76X Ξ∷Ξ. 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 | - | 1 | Basic RNP1 |
| 002 | DF | KEC | _ | - | -7.3 | _ | L | _ | - | - | Basic RNP1 |

RWY33

| 100 | | | | | | | | | | | |
|--------|------------|------------|------|----------------|-----------|----------|-----------|----------|--------|----------|---------------|
| 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 | _ | _ | 328 (321.1) | -7.3 | 1 | _ | +800 | 1 | _ | Basic RNP1 |
| 002 | DF | BD300 | _ | _ | -7.3 | _ | L | _ | _ | _ | Basic RNP1 |
| 003 | TF | BD301 | | 116 (108.7) | -7.3 | 7.3 | _ | +5000 | ı | _ | Basic RNP1 |
| 004 | TF | KEC | _ | 116 (108.8) | -7.3 | 20.3 | _ | _ | _ | _ | Basic RNP1 |

STANDARD ARRIVAL CHART - INSTRUMENT

RJBD / NANKI-SHIRAHAMA **RNAV STAR** RAYJO NORTH ARRIVAL / RAYJO SOUTH ARRIVAL Basic 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/35'21'34″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.

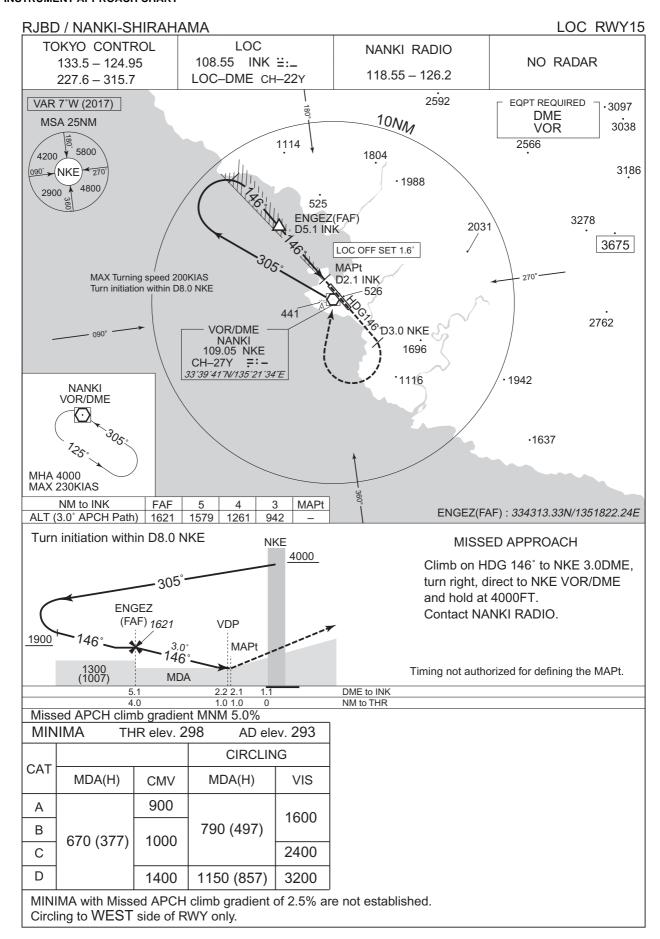
| Serial | Path | Waypoint | Fly | Course | Magnetic | Distance | Turn | Altitude | Speed | Vertical | Navigation |
|--------|------------|------------|------|----------------|-----------|----------|-----------|----------|--------|----------|---------------|
| Number | Descriptor | Identifier | Over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

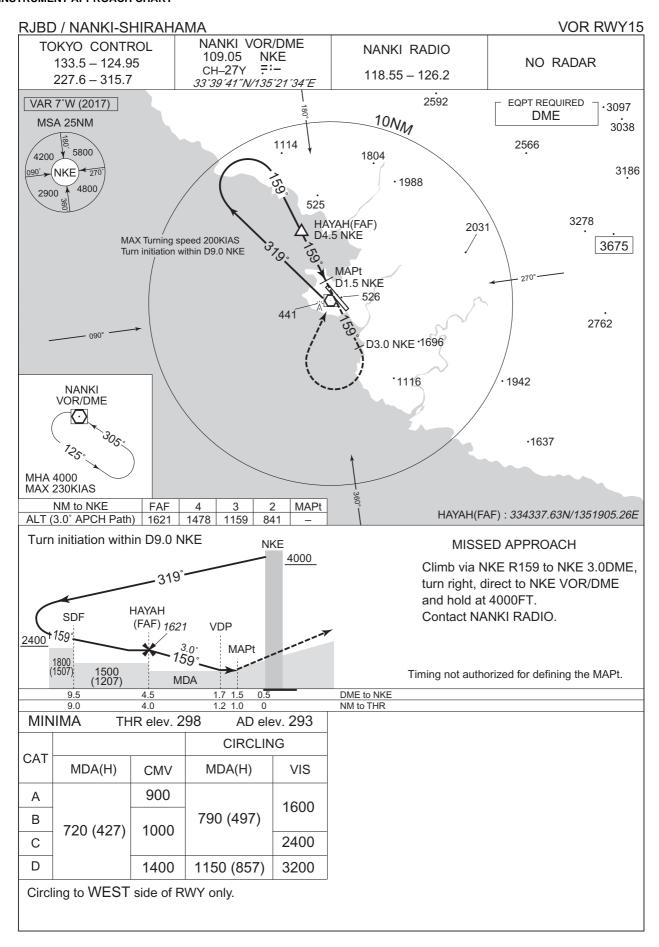
RAYJO SOUTH ARRIVAL

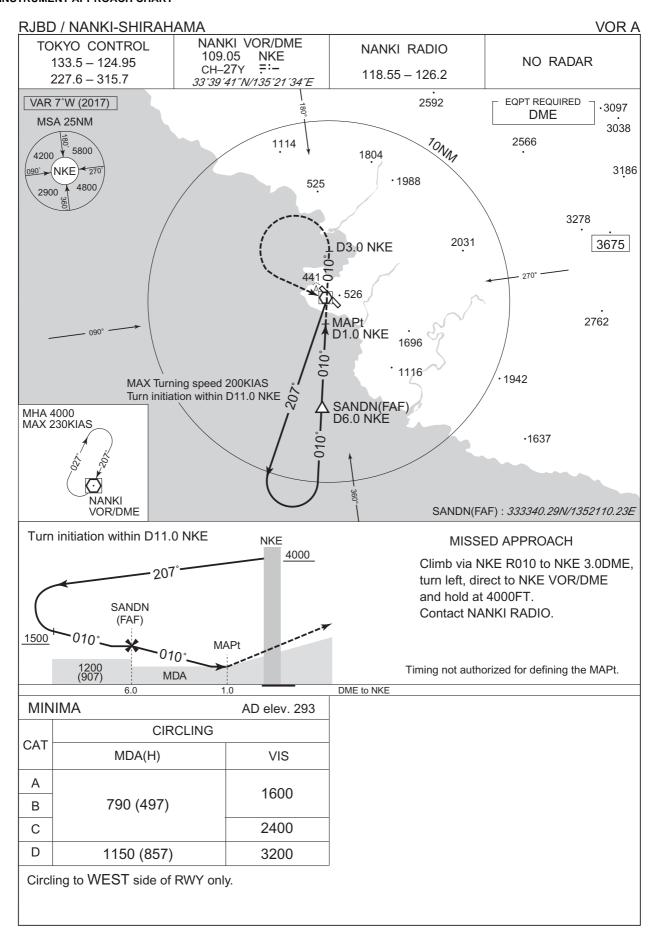
From RAYJO, to MUROH at or above 7000FT.

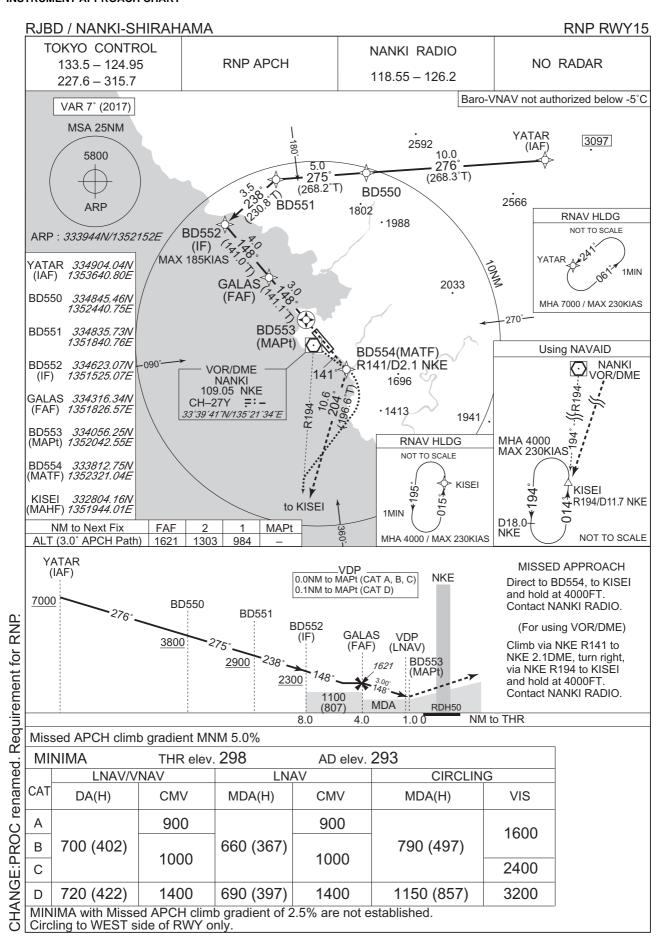
| Serial | Path | Waypoint | Fly | Course | Magnetic | Distance | Turn | Altitude | Speed | Vertical | Navigation |
|--------|------------|------------|------|----------------|-----------|----------|-----------|----------|--------|----------|---------------|
| Number | Descriptor | Identifier | Over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

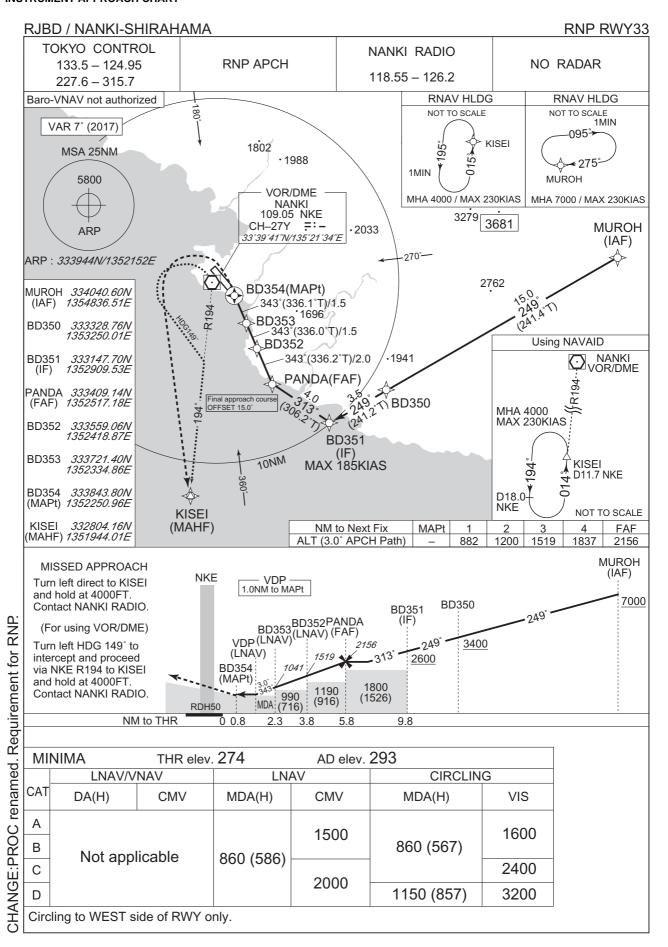
















※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

| 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 | | | | |
| Map updated. | 合川 Gogawa | 083°T / 10.0NM | ダム Dam | | | | |
| | 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.



