STANDARD DEPARTURE CHART -INSTRUMENT

R.ITH / HTSHNOMIYA	

KOGAR THREE DEPARTURE

RWY 01: Turn right (turn left, by JDT TACAN), ...

RWY 19: Turn right, ...

... climb via 208° from JD NDB (JDT TACAN R207) to KOGAR. Cross KOGAR at assigned altitude.

NOTE Following climb gradient should be maintained until passing 1000FT.

Speed (Knots)	60	90	120	150	180	210
Rate (Feet/Min)	300	450	600	750	900	1050

NASU REVERSAL FIVE DEPARTURE

RWY 01 : Turn left, ... RWY 19 : Turn right, ...

... climb via 360° from JD NDB then left procedure turn within 18NM of JD NDB (GOT R283 or JDT TACAN 17DME) to intercept and proceed via 180° to JD NDB.

Maintain 4000FT or below until GOT R259 (JDT TACAN 7DME), cross GOT R259 at assigned altitude.

NOTE Following climb gradient should be maintained until passing 2000FT.

Speed (Knots)	60	90	120	150	180	210
Rate (Feet/Min)	300	450	600	750	900	1050

STANDARD DEPARTURE CHART -INSTRUMENT

RJTU / UTSUNOMIYA SID

NIKKO REVERSAL TWO DEPARTURE

RWY 01: Turn right, ...

RWY 19: Turn right (turn left, by JDT TACAN), ...

... climb via 030° from JD NDB (JDT TACAN R030) to 4000FT or above, turn right proceed to JD NDB within 20NM of JD NDB (JDT TACAN 20DME).

Cross JD NDB at assigned altitude.

NOTE Following climb gradient should be maintained until passing 1000FT.

Speed (Knots)	60	90	120	150	180	210
Rate (Feet/Min)	300	450	600	750	900	1050

MIKRA ONE DEPARTURE

RWY 01 : Turn left, ...

RWY 19: Turn right, ...

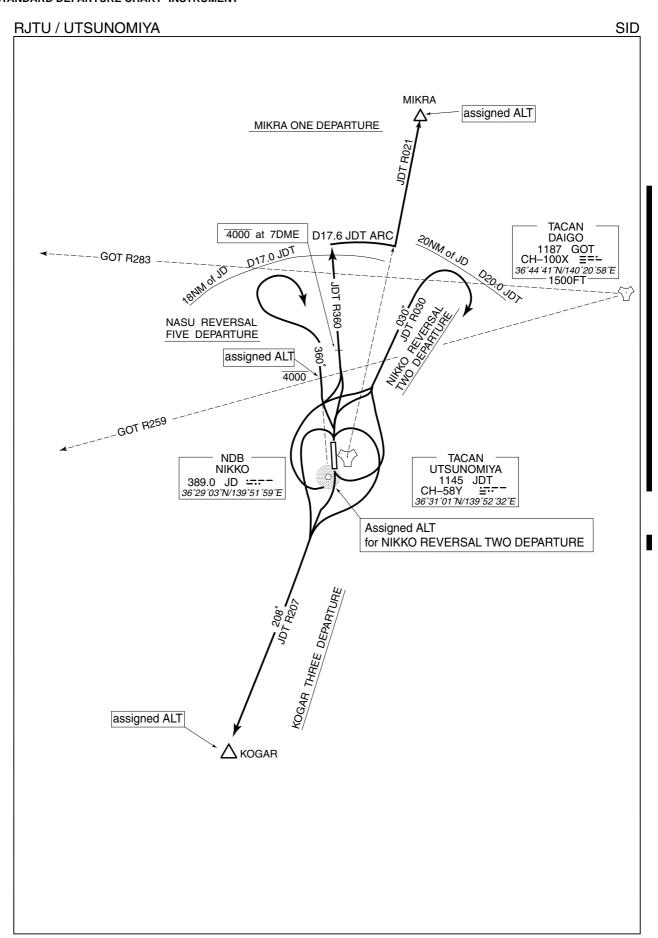
... climb via JDT TACAN R360 to JDT TACAN 17.6DME, turn right via JDT TACAN 17.6DME clockwise ARC to intercept JDT TACAN R021, turn left proceed to MIKRA.

Maintain 4000FT or below until JDT TACAN 7DME, cross MIKRA at assigned altitude.

NOTE Following climb gradient should be maintained until passing 2000FT.

Speed (Knots)	60	90	120	150	180	210
Rate (Feet/Min)	300	450	600	750	900	1050

STANDARD DEPARTURE CHART -INSTRUMENT



STANDARD ARRIVAL CHART-INSTRUMENT

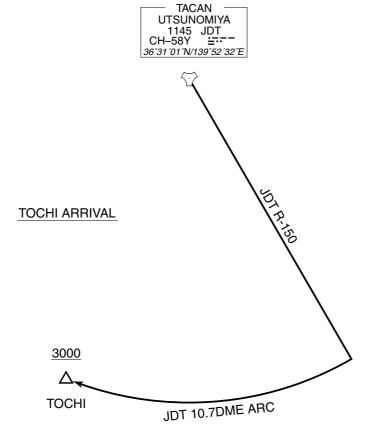
RJTU / UTSUNOMIYA

⇒ STAR

TOCHI ARRIVAL

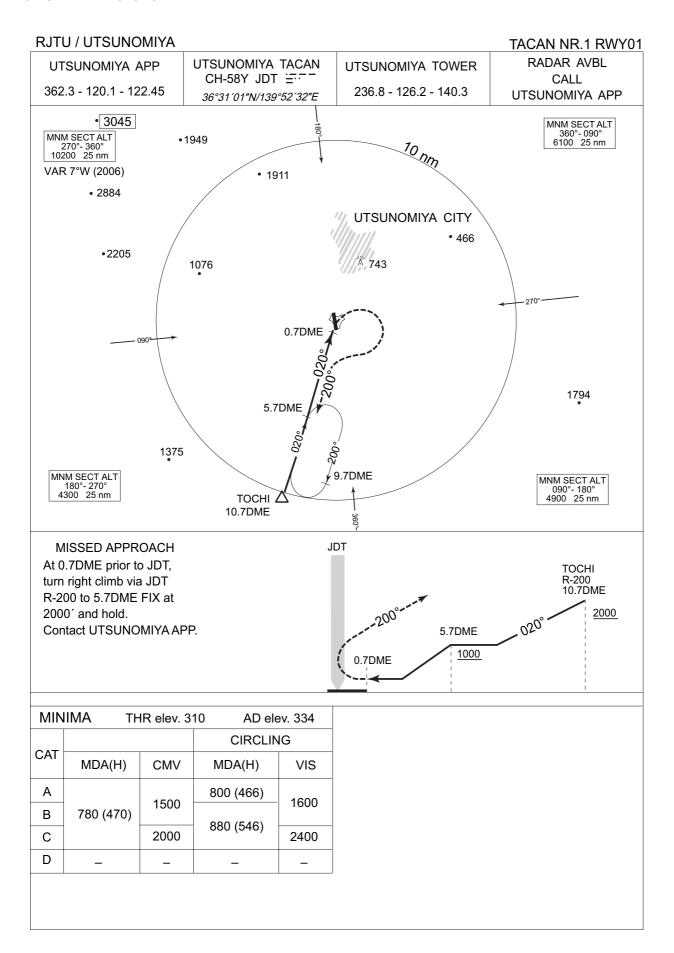
From over JDT TACAN, proceed via JDT R-150 to JDT 10.7DME, turn right via JDT 10.7DME clockwise ARC to TOCHI.

Cross TOCHI at or above 3000FT.



RJTU / UTSUNOMIYA ADF A RADAR AVAILABLE UTSUNOMIYA APP NIKKO NDB UTSUNOMIYA TOWER **CALL** 362.3 - 120.1 - 122.45 389 JD :=:--236.8 - 126.2 - 140.3 UTSUNOMIYA APP • 3045 MNM SECT ALT 360°-090° 6100 25 nm MNM SECT ALT 270°-360° 10200 25 nm •1949 10 10 VAR 7°W (2014) • 1911 • 2884 817 UTSUNOMIYA CITY •2205 1076 - 090 1794 1375 MNM SECT ALT 180° -270° 4300 25 nm MNM SECT ALT 090°-180° 4900 25 nm JD Remain within 10 nm 3000 MISSED APPROACH At NIKKO NDB, turn right 180° climb via 060° from NIKKO NDB to 3000', right turn to NIKKO NDB and hold. Contact UTSUNOMIYA APP. -- 060: 1600 020° MINIMA AD elev. 334 J-B end of rwy **CIRCLING** CAT MDA(H) **VIS** ⇔JDT Α 840 (506) **I** TWR 1600 В ↓432 ☆ ¼ 450 880 (546) С 2400 438 D J-B end of rwy From JD NDB 024°-1.0 nm

INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART

