STANDARD DEPARTURE CHART-INSTRUMENT

RJTT / TOKYO INTL SID

OPPAR THREE DEPARTURE

RWY04/34R/34L: Climb RWY HDG to 700FT, turn right within 4NM, climb via HDG110° to HME 7.0DME, turn right, via HME 8.0DME clockwise ARC to intercept and proceed via HME R194 to OPPAR.

Cross HME 7.0DME at or above 3000FT, cross HME R120 at or above 5000FT, cross OPPAR at or above 9000FT.

RWY16R/16L: Climb RWY HDG to 500FT, turn left climb via HME R140 to 8.0DME, turn left HDG239° within HME 12.0DME to intercept and proceed via HME R194 to OPPAR.

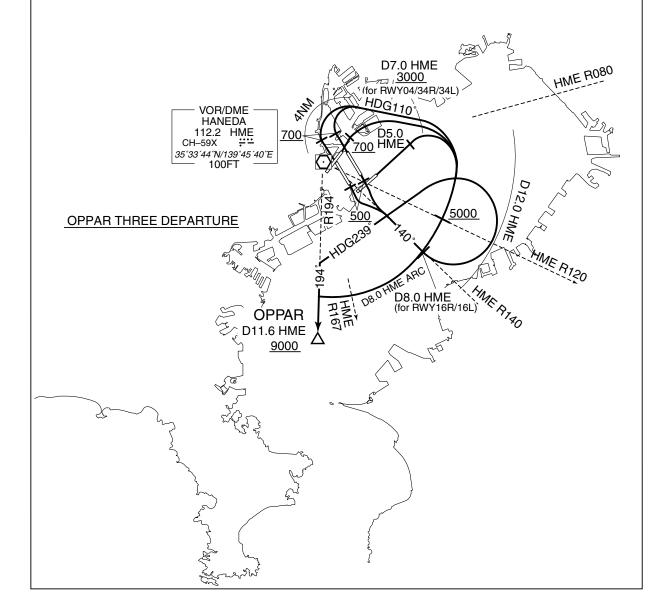
Cross OPPAR at or above 9000FT.

RWY05: Climb RWY HDG to HME 5.0DME, turn right, via HME 8.0DME clockwise ARC to intercept and proceed via HME R194 to OPPAR.

Cross HME R120 at or above 5000FT, cross OPPAR at or above 9000FT.

Note Aircraft taking off from RWY16R/16L are required to complete left turns south of HME R080.

RWY34R/34L/04: 5.0% climb gradient required up to 700FT.



STANDARD DEPARTURE CHART-INSTRUMENT

RJTT / TOKYO INTL **RNAV TRANSITION** JYOGA TRANSITION RNAV1 **UTIBO TRANSITION** Note 1) DME/DME/IRU or GNSS required. Critical DME 2) RADAR service required. DME GAP Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 VAR 7° W(2016) OPPAR 352215.7N 1394404.4E 9000 JYOGA TRANSITION DME YOKOSUKA 1196 HYD CH–109X ≌:÷− 35°15′20″N/139°35′15″E 500FT UTIBO TRANSITION **JYOGA** 350845.7N 1393134.9E FL150 UTIBO 345647.0N 1395343.9E FL150

JYOGA TRANSITION

From OPPAR at or above 9000FT, to JYOGA at or above FL150.

UTIBO TRANSITION

From OPPAR at or above 9000FT, to UTIBO at or above FL150.

STANDARD DEPARTURE CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV TRANSITION

JYOGA TRANSITION

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | | Turn Direction | | • | | Navigation Specification |
|------------------|--------------------|------------------------|-------------|------------------|-----------------------|------|-------------------|--------|---|---|-----------------------------|
| 001 | IF | OPPAR | _ | _ | -7.4 | _ | _ | +9000 | _ | _ | RNAV1 |
| 002 | TF | JYOGA | _ | 224 (217.1) | -7.4 | 16.9 | _ | +FL150 | _ | _ | RNAV1 |

UTIBO TRANSITION

| 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 | OPPAR | _ | _ | -7.4 | _ | _ | +9000 | _ | _ | RNAV1 |
| 002 | TF | UTIBO | _ | 170 (162.7) | -7.4 | 26.7 | _ | +FL150 | _ | _ | RNAV1 |

