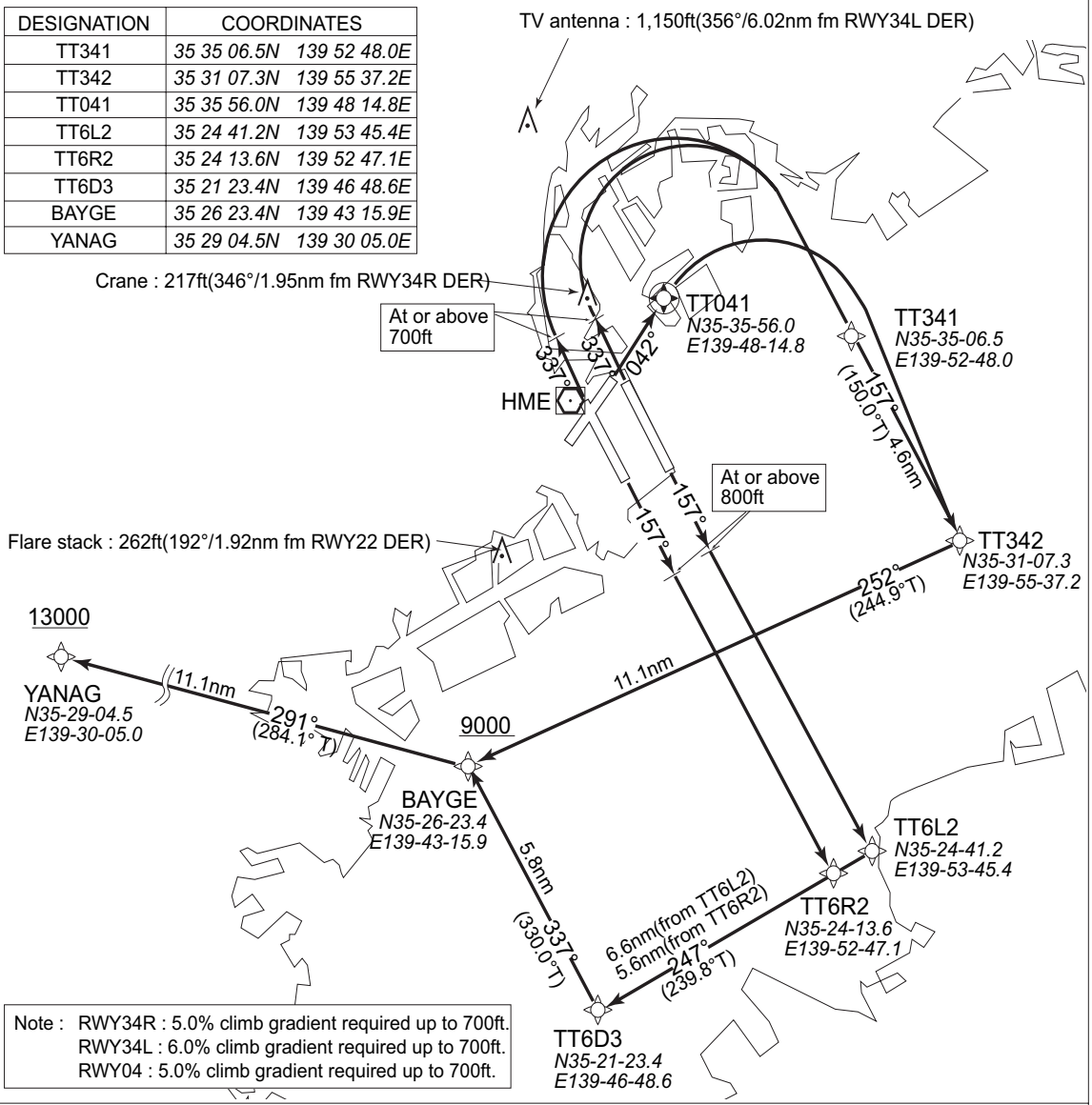
STANDARD DEPARTURE CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV SID

YANAG ONE RNAV DEPARTURE		RNAV 1
Note 1) DME/DME/IRU or GNSS required ∗ The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll. 2) RADAR service required	Critical DME	RWY16R : KZE "from RWY16R DER to 1.2nm" RWY16L : KZE "from RWY16L DER to 1.2nm" RWY34R : KZE "from RWY34R DER to 1.0nm" RWY34L : KZE "from RWY34L DER to 0.5nm" RWY04 : KZE "from RWY04 DER to 1.7nm"
	DME GAP	–
	Inappropriate Navaids	See General Rule 3. Inappropriate NAVAIDs for RNAV1

DESIGNATION	COORDINATES
TT341	*35 35 06.5N 139 52 48.0E*
TT342	*35 31 07.3N 139 55 37.2E*
TT041	*35 35 56.0N 139 48 14.8E*
TT6L2	*35 24 41.2N 139 53 45.4E*
TT6R2	*35 24 13.6N 139 52 47.1E*
TT6D3	*35 21 23.4N 139 46 48.6E*
BAYGE	*35 26 23.4N 139 43 15.9E*
YANAG	*35 29 04.5N 139 30 05.0E*



Note : RWY34R : 5.0% climb gradient required up to 700ft.
RWY34L : 6.0% climb gradient required up to 700ft.
RWY04 : 5.0% climb gradient required up to 700ft.

YANAG ONE RNAV DEPARTURE

RWY16R : Climb on heading 157°M at or above 800ft, direct to TT6R2, then to TT6D3, then to BAYGE at or above 9,000ft then to YANAG at or above 13,000ft.

RWY16L : Climb on heading 157°M at or above 800ft, direct to TT6L2, then to TT6D3, then to BAYGE at or above 9,000ft then to YANAG at or above 13,000ft.

RWY34R/34L : Climb on heading 337°M at or above 700ft, turn right direct to TT341, then to TT342, then to BAYGE at or above 9,000ft, then to YANAG at or above 13,000ft.

RWY04 : Climb on heading 042°M at or above 700ft, then direct to TT041, turn right direct to TT342, then to BAYGE at or above 9,000ft, then to YANAG at or above 13,000ft.

Note : RWY34R : 5.0% climb gradient required up to 700ft.
RWY34L : 6.0% climb gradient required up to 700ft.
RWY04 : 5.0% climb gradient required up to 700ft.

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RWY16R

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit(kt)	Vertical Angle	Navigation Performance
VA	—	—	—	157° (149.9°)	—	800	—	—	RNAV1
DF	TT6R2	—	—	—	—	—	—	—	RNAV1
TF	TT6D3	—	5.6	247° (239.8°)	—	—	—	—	RNAV1
TF	BAYGE	—	5.8	337° (330.0°)	—	+9000	250	—	RNAV1
TF	YANAG	—	11.1	291° (284.1°)	—	+13000	—	—	RNAV1

RWY16L

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit(kt)	Vertical Angle	Navigation Performance
VA	—	—	—	157° (149.9°)	—	800	—	—	RNAV1
DF	TT6L2	—	—	—	—	—	—	—	RNAV1
TF	TT6D3	—	6.6	247° (239.8°)	—	—	—	—	RNAV1
TF	BAYGE	—	5.8	337° (330.0°)	—	+9000	250	—	RNAV1
TF	YANAG	—	11.1	291° (284.1°)	—	+13000	—	—	RNAV1

RWY34L/34R

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit(kt)	Vertical Angle	Navigation Performance
VA	—	—	—	337° (329.9°)	—	700	—	—	RNAV1
DF	TT341	—	—	—	R	—	—	—	RNAV1
TF	TT342	—	4.6	157° (150.0°)	—	—	—	—	RNAV1
TF	BAYGE	—	11.1	252° (244.9°)	—	+9000	—	—	RNAV1
TF	YANAG	—	11.1	291° (284.1°)	—	+13000	—	—	RNAV1

Note : RWY34R : 5.0% climb gradient requied up to 700ft.
RWY34L : 6.0% climb gradient requied up to 700ft.

RWY04

Rcmd. Path Terminator	Fix ID (Waypoint Name)	Fly Over	Distance (NM)	MAG Track (TRUE Track)	Turn Direction	Altitude (FT)	Speed Limit(kt)	Vertical Angle	Navigation Performance
VA	—	—	—	042° (035.1°)	—	700	—	—	RNAV1
DF	TT041	Y	—	—	—	—	—	—	RNAV1
DF	TT342	—	—	—	R	—	—	—	RNAV1
TF	BAYGE	—	11.1	252° (244.9°)	—	+9000	—	—	RNAV1
TF	YANAG	—	11.1	291° (284.1°)	—	+13000	—	—	RNAV1

Note : RWY 04 : 5.0% climb gradient requied up to 700ft.