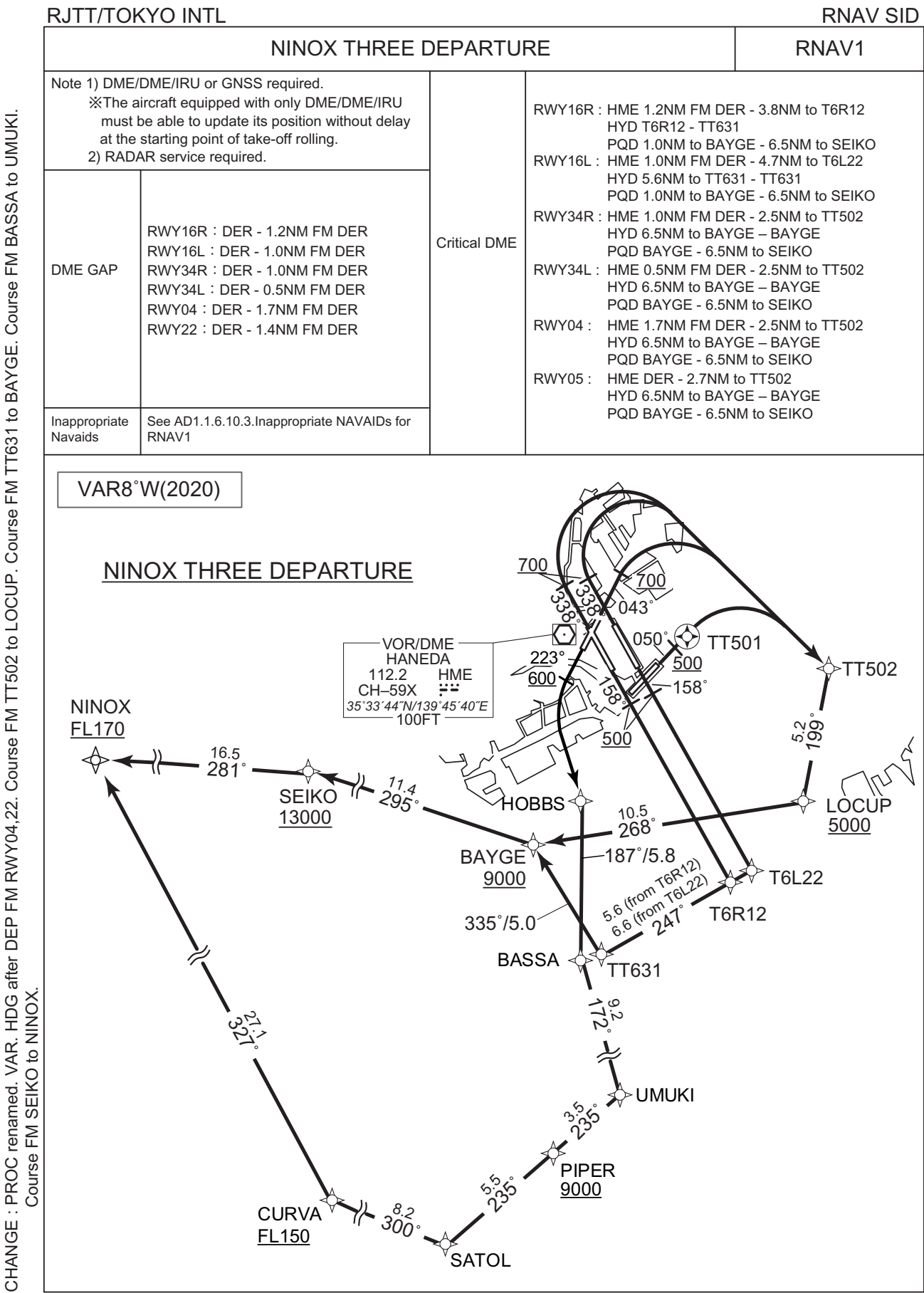


STANDARD DEPARTURE CHART-INSTRUMENT



STANDARD DEPARTURE CHART-INSTRUMENT

RJTT/TOKYO INTL

RNAV SID

NINOX THREE DEPARTURE

RWY16R : Climb on HDG 158° at or above 500FT, direct to T6R12, to TT631, to BAYGE at or above 9000FT, to SEIKO at or above 13000FT, to NINOX at or above FL170.

RWY16L : Climb on HDG 158° at or above 500FT, direct to T6L22, to TT631, to BAYGE at or above 9000FT, to SEIKO at or above 13000FT, to NINOX at or above FL170.

RWY34L/34R : Climb on HDG 338° at or above 700FT, turn right direct to TT502, to LOCUP at or above 5000FT, to BAYGE at or above 9000FT, to SEIKO at or above 13000FT, to NINOX at or above FL170.

RWY04 : Climb on HDG 043° at or above 700FT, turn right direct to TT502, to LOCUP at or above 5000FT, to BAYGE at or above 9000FT, to SEIKO at or above 13000FT, to NINOX at or above FL170.

RWY05 : Climb on HDG 050° at or above 500FT, direct to TT501, turn right direct to TT502, to LOCUP at or above 5000FT, to BAYGE at or above 9000FT, to SEIKO at or above 13000FT, to NINOX at or above FL170.

RWY22 : Climb on HDG 223° at or above 600FT, turn left direct to HOBBS, to BASSA, to UMUKI, to PIPER at or above 9000FT, to SATOL, to CURVA at or above FL150, to NINOX at or above FL170.

Note RWY34L/34R/04 : 5.0% climb gradient required up to 700FT.  
RWY05 : 5.0% climb gradient required up to 500FT.  
RWY22 : 5.0% climb gradient required up to 600FT.

CHANGE : PROC renamed. HDG after DEP FM RWY04,22.

## STANDARD DEPARTURE CHART-INSTRUMENT

RJTT/TOKYO INTL

RNAV SID

NINOX THREE DEPARTURE

## RWY16R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	158 (150.0)	-7.6	—	—	+500	—	—	RNAV1
002	DF	T6R12	—	—	-7.6	—	—	—	—	—	RNAV1
003	TF	TT631	—	247 (239.8)	-7.6	5.6	—	—	—	—	RNAV1
004	TF	BAYGE	—	335 (327.0)	-7.6	5.0	—	+9000	—	—	RNAV1
005	TF	SEIKO	—	295 (287.8)	-7.6	11.4	—	+13000	—	—	RNAV1
006	TF	NINOX	—	281 (272.9)	-7.6	16.5	—	+FL170	—	—	RNAV1

## RWY16L

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	158 (150.0)	-7.6	—	—	+500	—	—	RNAV1
002	DF	T6L22	—	—	-7.6	—	—	—	—	—	RNAV1
003	TF	TT631	—	247 (239.8)	-7.6	6.6	—	—	—	—	RNAV1
004	TF	BAYGE	—	335 (327.0)	-7.6	5.0	—	+9000	—	—	RNAV1
005	TF	SEIKO	—	295 (287.8)	-7.6	11.4	—	+13000	—	—	RNAV1
006	TF	NINOX	—	281 (272.9)	-7.6	16.5	—	+FL170	—	—	RNAV1

## RWY34L/RWY34R

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	338 (330.0)	-7.6	—	—	+700	—	—	RNAV1
002	DF	TT502	—	—	-7.6	—	R	—	—	—	RNAV1
003	TF	LOCUP	—	199 (190.9)	-7.6	5.2	—	+5000	—	—	RNAV1
004	TF	BAYGE	—	268 (260.6)	-7.6	10.5	—	+9000	—	—	RNAV1
005	TF	SEIKO	—	295 (287.8)	-7.6	11.4	—	+13000	—	—	RNAV1
006	TF	NINOX	—	281 (272.9)	-7.6	16.5	—	+FL170	—	—	RNAV1

CHANGE : PROC renamed. Magnetic Variation. RWY16R:NR004,006(Course). RWY16L:NR004,006(Course). RWY34L/RWY34R:NR003,006(Course).

STANDARD DEPARTURE CHART-INSTRUMENT

RJTT/TOKYO INTL

RNAV SID

RWY04

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	043 (034.9)	-7.6	—	—	+700	—	—	RNAV1
002	DF	TT502	—	—	-7.6	—	R	—	—	—	RNAV1
003	TF	LOCUP	—	199 (190.9)	-7.6	5.2	—	+5000	—	—	RNAV1
004	TF	BAYGE	—	268 (260.6)	-7.6	10.5	—	+9000	—	—	RNAV1
005	TF	SEIKO	—	295 (287.8)	-7.6	11.4	—	+13000	—	—	RNAV1
006	TF	NINOX	—	281 (272.9)	-7.6	16.5	—	+FL170	—	—	RNAV1

RWY05

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	050 (042.4)	-7.6	—	—	+500	—	—	RNAV1
002	DF	TT501	Y	—	-7.6	—	—	—	—	—	RNAV1
003	DF	TT502	—	—	-7.6	—	R	—	—	—	RNAV1
004	TF	LOCUP	—	199 (190.9)	-7.6	5.2	—	+5000	—	—	RNAV1
005	TF	BAYGE	—	268 (260.6)	-7.6	10.5	—	+9000	—	—	RNAV1
006	TF	SEIKO	—	295 (287.8)	-7.6	11.4	—	+13000	—	—	RNAV1
007	TF	NINOX	—	281 (272.9)	-7.6	16.5	—	+FL170	—	—	RNAV1

CHANGE : Magnetic Variation. RWY04:NR001,003,006(Course). RWY05:NR004,007(Course).

## STANDARD DEPARTURE CHART-INSTRUMENT

RJTT/TOKYO INTL

RNAV SID

## RWY22

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	223 (214.9)	-7.6	—	—	+600	—	—	RNAV1
002	DF	HOBBS	—	—	-7.6	—	L	—	—	—	RNAV1
003	TF	BASSA	—	187 (179.9)	-7.6	5.8	—	—	—	—	RNAV1
004	TF	UMUKI	—	172 (163.9)	-7.6	9.2	—	—	—	—	RNAV1
005	TF	PIPER	—	235 (227.4)	-7.6	3.5	—	+9000	—	—	RNAV1
006	TF	SATOL	—	235 (227.4)	-7.6	5.5	—	—	—	—	RNAV1
007	TF	CURVA	—	300 (292.2)	-7.6	8.2	—	+FL150	—	—	RNAV1
008	TF	NINOX	—	327 (319.6)	-7.6	27.1	—	+FL170	—	—	RNAV1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
BASSA	352108.8N / 1394542.2E	SEIKO	352904.5N / 1393005.0E
BAYGE	352535.4N / 1394327.4E	T6L22	352441.2N / 1395345.4E
CURVA	350919.0N / 1393124.4E	T6R12	352413.6N / 1395247.1E
HOBBS	352653.9N / 1394541.3E	TT501	353328.7N / 1395029.9E
LOCUP	352718.8N / 1395608.5E	TT502	353224.4N / 1395720.7E
NINOX	352953.4N / 1390953.1E	TT631	352123.4N / 1394648.6E
PIPER	350958.3N / 1394542.0E	UMUKI	351219.1N / 1394849.2E
SATOL	350613.3N / 1394043.4E		

CHANGE : Magnetic Variation. RWY22:NR001,004(Course).