

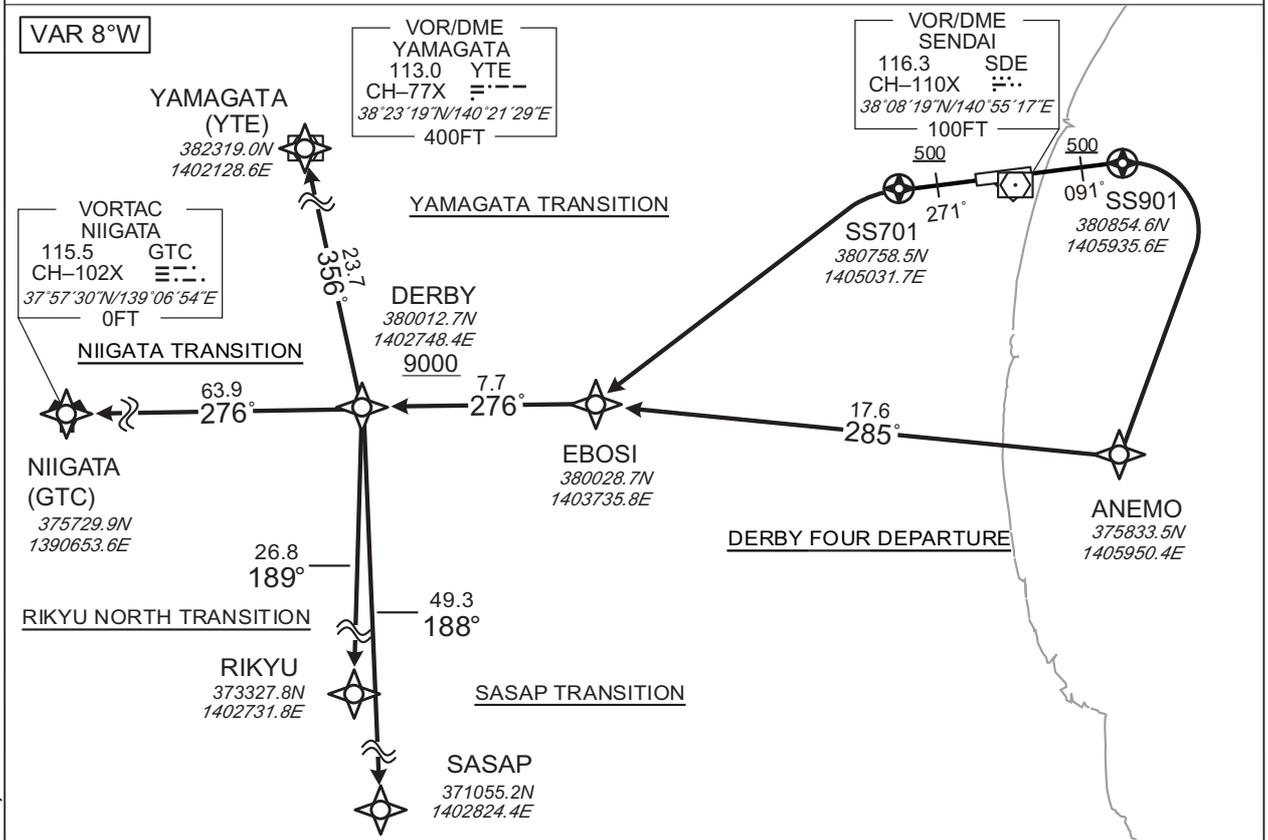
STANDARD DEPARTURE CHART - INSTRUMENT

RJSS / SENDAI

RNAV SID and TRANSITION

<b>DERBY FOUR DEPARTURE</b> YAMAGATA TRANSITION / NIIGATA TRANSITION / RIKYU NORTH TRANSITION / SASAP TRANSITION	RNP1
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Note GNSS required.



CHANGE : Navigation Specification(Basic RNP1 → RNP1).

<p><b>DERBY FOUR DEPARTURE</b></p> <p>RWY09 : Climb on HDG091° at or above 500FT, direct to <u>SS901</u>, turn right direct to ANEMO, to EBOSI, to DERBY at or above 9000FT.</p> <p>RWY27 : Climb on HDG271° at or above 500FT, direct to <u>SS701</u>, turn left direct to EBOSI, to DERBY at or above 9000FT.</p> <p>NOTE RWY09: 5.0% climb gradient required up to 500FT. OBST ALT 62FT located at 0.2NM 103° FM end of RWY09.</p> <p>RWY27: 5.9% climb gradient required up to 1300FT. OBST ALT 1181FT located at 4.6NM 285° FM end of RWY27.</p>
<p><b>YAMAGATA TRANSITION</b></p> <p>From DERBY at or above 9000FT, to YTE.</p>
<p><b>NIIGATA TRANSITION</b></p> <p>From DERBY at or above 9000FT, to GTC.</p>
<p><b>RIKYU NORTH TRANSITION</b></p> <p>From DERBY at or above 9000FT, to RIKYU.</p>
<p><b>SASAP TRANSITION</b></p> <p>From DERBY at or above 9000FT, to SASAP.</p>

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RWY09

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	-	-	091 (082.5)	-8.3	-	-	+500	-	-	RNP1
002	DF	SS901	Y	-	-8.3	-	-	-	-	-	RNP1
003	DF	ANEMO	-	-	-8.3	-	R	-	-	-	RNP1
004	TF	EBOSI	-	285 (276.4)	-8.3	17.6	-	-	-	-	RNP1
005	TF	DERBY	-	276 (268.1)	-8.3	7.7	-	+9000	-	-	RNP1

RWY27

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	-	-	271 (262.5)	-8.3	-	-	+500	-	-	RNP1
002	DF	SS701	Y	-	-8.3	-	-	-	-	-	RNP1
003	DF	EBOSI	-	-	-8.3	-	L	-	-	-	RNP1
004	TF	DERBY	-	276 (268.1)	-8.3	7.7	-	+9000	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).

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YAMAGATA TRANSITION

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	IF	DERBY	-	-	-8.3	-	-	+9000	-	-	RNP1
002	TF	YTE	-	356 (347.9)	-8.3	23.7	-	-	-	-	RNP1

NIIGATA TRANSITION

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	IF	DERBY	-	-	-8.3	-	-	+9000	-	-	RNP1
002	TF	GTC	-	276 (268.0)	-8.3	63.9	-	-	-	-	RNP1

RIKYU NORTH TRANSITION

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	IF	DERBY	-	-	-8.3	-	-	+9000	-	-	RNP1
002	TF	RIKYU	-	189 (180.5)	-8.3	26.8	-	-	-	-	RNP1

SASAP TRANSITION

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	IF	DERBY	-	-	-8.3	-	-	+9000	-	-	RNP1
002	TF	SASAP	-	188 (179.4)	-8.3	49.3	-	-	-	-	RNP1

CHANGE : Navigation Specification(Basic RNP1 → RNP1).