STANDARD DEPARTURE CHART - INSTRUMENT

RJSS / SENDAI **RNAV SID and TRANSITION** STEED THREE DEPARTURE / RIKYU TRANSITION RNAV 1 Note 1) DME/DME/IRU or GNSS required. Critical DME %The aircraft equipped with only DME/DME/IRU RWY09 SDE: 23.0NM to STEED - 8.0NM to STEED must be able to update its position without delay MXT: 18.0NM to STEED - 8.0NM to STEED at the starting point of take-off rolling. 2) RADAR service required. DME GAP RWY09 09DER - 23.0NM to STEED RWY27 SDE: 2.0NM to BUBLE - 8.0NM to STEED 8.0NM to STEED - STEED MXT: 4.0NM to BUBLE - 2.0NM to BUBLE RWY27 27DER - 4.0NM to BUBLE 18.0NM to STEED - 8.0NM to STEED 8.0NM to STEED - STEED **RIKYU TRANSITION** YTE: 25.0NM to RIKYU - 23.0NM to RIKYU Inappropriate Navaids See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1. 500 VOR/DME 500 VAR 8° W(2014) **SENDAI** 116.3 SDE 090 270 SS901 CH-110X 38°08′19″N/140°55′17″E 380854.6N 1405935.6E 100FT **BUBLE** 380333.7N 1405956.2E STEED THREE DEPARTURE 20.0 188 **RIKYU TRANSITION STEED** 374336.2N 1405932.8E **RIKYU** 373327.8N 1402731.8E STEED THREE DEPARTURE RWY09: Climb on HDG090° at or above 500FT, direct to SS901, turn right direct to STEED. RWY27: Climb on HDG270° at or above 500FT, turn left direct to BUBLE, to STEED. NOTE RWY09: 5.0% climb gradient required up to 500FT. OBST ALT 62FT located at 0.2NM 102° FM end of RWY09. RWY27: 5.0% climb gradient required up to 1000FT. OBST ALT 919FT located at 4.1NM 269° FM end of RWY27. **RIKYU TRANSITION** From STEED, to RIKYU.

STANDARD DEPARTURE CHART - INSTRUMENT

RJSS / SENDAI

RNAV SID and TRANSITION

STEED THREE DEPARTURE

RWY09

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	VA	_	_	090 (082.5)	-7.8	_		+500	_	_	RNAV1
002	DF	SS901	Υ	_	-7.8	_	_	_	_	_	RNAV1
003	DF	STEED	_	_	-7.8	_	R	_	_	_	RNAV1

RWY27

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	_	_	270 (262.5)	-7.8	_	_	+500	_	_	RNAV1
002	DF	BUBLE	_	_	-7.8	_	L	_	_	_	RNAV1
003	TF	STEED	_	188 (180.9)	-7.8	20.0	_	_	_	_	RNAV1

RIKYU TRANSITION

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)		
001	IF	STEED	_	_	-7.8	_	_	_	_	_	RNAV1
002	TF	RIKYU	_	256 (248.4)	-7.8	27.3	_	_	_	_	RNAV1