

STANDARD DEPARTURE CHART - INSTRUMENT

RJBB / KANSAI INTL

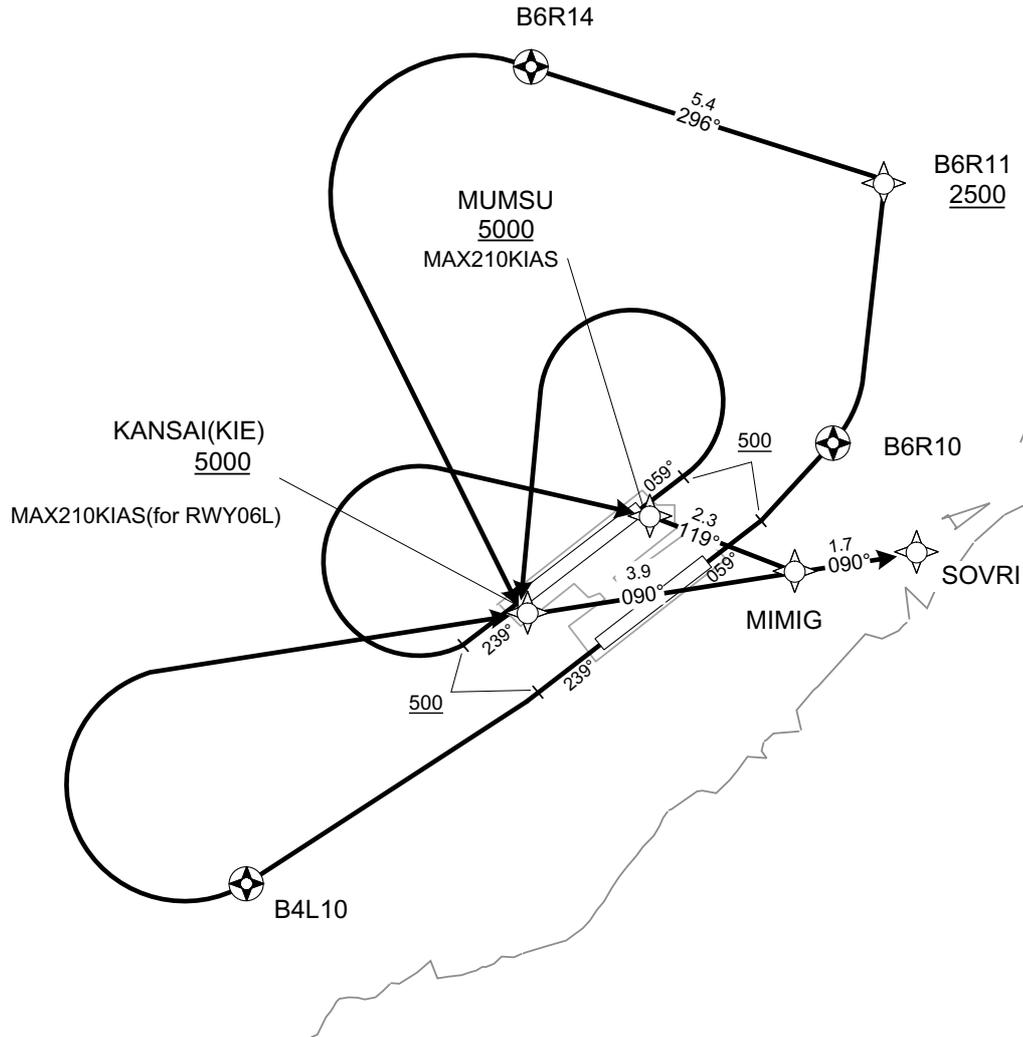
RNAV SID

SOVRI ONE DEPARTURE

RNP1

Note GNSS required.

VAR 8°W



RWY06R : Climb on HDG059° at or above 500FT, direct to B6R10, turn left direct to B6R11 at or above 2500FT, to B6R14, turn left direct to KIE at or above 5000FT, to MIMIG, to SOVRI.

RWY06L : Climb on HDG059° at or above 500FT, turn left direct to KIE at or above 5000FT, to MIMIG, to SOVRI.

RWY24R : Climb on HDG239° at or above 500FT, turn right direct to MUMSU at or above 5000FT, to MIMIG, to SOVRI.

RWY24L : Climb on HDG239° at or above 500FT, direct to B4L10, turn right direct to KIE at or above 5000FT, to MIMIG, to SOVRI.

Note RWY06R/06L/24R/24L : 5.0% climb gradient required up to 500FT.

RWY06L/24R : No turn before DER.

CHANGE : New PROC.

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RNAV SID

SOVRI ONE DEPARTURE

RWY06R

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	—	—	059 (050.9)	-8.1	—	—	+500	—	—	RNP1
002	DF	B6R10	Y	—	-8.1	—	—	—	—	—	RNP1
003	DF	B6R11	—	—	-8.1	—	L	+2500	—	—	RNP1
004	TF	B6R14	Y	296 (287.8)	-8.1	5.4	—	—	—	—	RNP1
005	DF	KIE	—	—	-8.1	—	L	+5000	—	—	RNP1
006	TF	MIMIG	—	090 (081.4)	-8.1	3.9	—	—	—	—	RNP1
007	TF	SOVRI	—	090 (081.5)	-8.1	1.7	—	—	—	—	RNP1

RWY06L

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	—	—	059 (050.9)	-8.1	—	—	+500	—	—	RNP1
002	DF	KIE	—	—	-8.1	—	L	+5000	-210	—	RNP1
003	TF	MIMIG	—	090 (081.4)	-8.1	3.9	—	—	—	—	RNP1
004	TF	SOVRI	—	090 (081.5)	-8.1	1.7	—	—	—	—	RNP1

RWY24R

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	—	—	239 (230.9)	-8.1	—	—	+500	—	—	RNP1
002	DF	MUMSU	—	—	-8.1	—	R	+5000	-210	—	RNP1
003	TF	MIMIG	—	119 (110.8)	-8.1	2.3	—	—	—	—	RNP1
004	TF	SOVRI	—	090 (081.5)	-8.1	1.7	—	—	—	—	RNP1

RWY24L

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	—	—	239 (230.9)	-8.1	—	—	+500	—	—	RNP1
002	DF	B4L10	Y	—	-8.1	—	—	—	—	—	RNP1
003	DF	KIE	—	—	-8.1	—	R	+5000	—	—	RNP1
004	TF	MIMIG	—	090 (081.4)	-8.1	3.9	—	—	—	—	RNP1
005	TF	SOVRI	—	090 (081.5)	-8.1	1.7	—	—	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
B6R10	342759.6N / 1351746.0E	KIE	342532.7N / 1351227.8E
B6R11	343140.8N / 1351845.1E	MUMSU	342656.2N / 1351432.3E
B6R14	343320.1N / 1351229.1E	MIMIG	342607.4N / 1351707.8E
B4L10	342136.9N / 1350734.5E	SOVRI	342622.9N / 1351913.4E

CHANGE : New PROC.

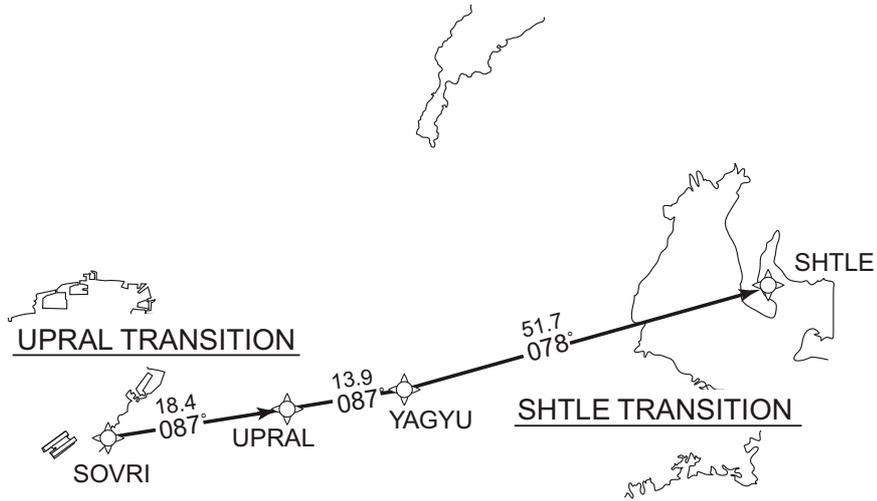
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RJBB / KANSAI INTL RNAV TRANSITION

UPRAL TRANSITION / SHTLE TRANSITION RNP1

Note GNSS required.

VAR 8° W



UPRAL TRANSITION

From SOVRI, to UPRAL.

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	SOVRI	—	—	-8.1	—	—	—	—	—	RNP1
002	TF	UPRAL	—	087 (078.6)	-8.1	18.4	—	—	—	—	RNP1

SHTLE TRANSITION

From SOVRI, to UPRAL, to YAGYU, to SHTLE.

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	SOVRI	—	—	-8.1	—	—	—	—	—	RNP1
002	TF	UPRAL	—	087 (078.6)	-8.1	18.4	—	—	—	—	RNP1
003	TF	YAGYU	—	087 (078.8)	-8.1	13.9	—	—	—	—	RNP1
004	TF	SHTLE	—	078 (070.3)	-8.1	51.7	—	—	—	—	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
SOVRI	342622.9N / 1351913.4E	YAGYU	343239.3N / 1355738.1E
UPRAL	342958.8N / 1354102.9E	SHTLE	344951.0N / 1365653.8E

CHANGE : Description of Navigation Specification (RNAV1→RNP1).