

STANDARD ARRIVAL CHART - INSTRUMENT

RJBB / KANSAI INTL

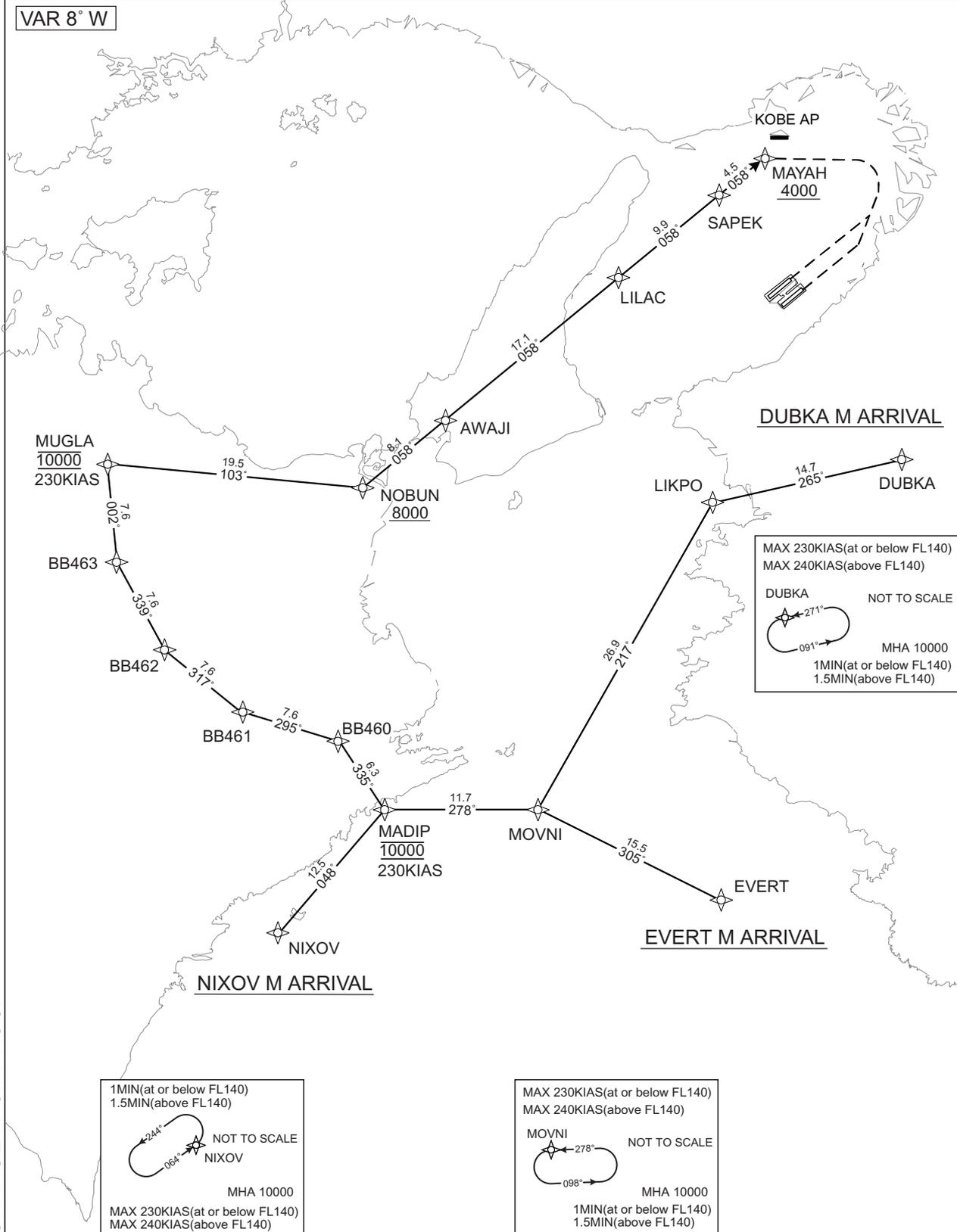
RNAV STAR RWY24L/24R

DUBKA M ARRIVAL / EVERT M ARRIVAL / NIXOV M ARRIVAL

RNP1

Note GNSS required.

VAR 8° W



CHANGE : New PROC.

STANDARD ARRIVAL CHART - INSTRUMENT

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RNAV STAR RWY24L/24R

DUBKA M ARRIVAL

From DUBKA, to LIKPO, to MOVNI, to MADIP at 10000FT, to BB460, to BB461, to BB462, to BB463, to MUGLA at 10000FT, to NOBUN at or above 8000FT, to AWAJI, to LILAC, to SAPEK, to MAYAH at or above 4000FT.

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	DUBKA	-	-	-8.1	-	-	-	-	-	RNP1
002	TF	LIKPO	-	265 (275.3)	-8.1	14.7	-	-	-	-	RNP1
003	TF	MOVNI	-	217 (209.3)	-8.1	26.9	-	-	-	-	RNP1
004	TF	MADIP	-	278 (269.7)	-8.1	11.7	-	10000	230	-	RNP1
005	TF	BB460	-	335 (326.6)	-8.1	6.3	-	-	-	-	RNP1
006	TF	BB461	-	295 (286.5)	-8.1	7.6	-	-	-	-	RNP1
007	TF	BB462	-	317 (308.9)	-8.1	7.6	-	-	-	-	RNP1
008	TF	BB463	-	339 (331.4)	-8.1	7.6	-	-	-	-	RNP1
009	TF	MUGLA	-	002 (353.7)	-8.1	7.6	-	10000	230	-	RNP1
010	TF	NOBUN	-	103 (095.0)	-8.1	19.5	-	+8000	-	-	RNP1
011	TF	AWAJI	-	058 (050.0)	-8.1	8.1	-	-	-	-	RNP1
012	TF	LILAC	-	058 (050.1)	-8.1	17.1	-	-	-	-	RNP1
013	TF	SAPEK	-	058 (050.3)	-8.1	9.9	-	-	-	-	RNP1
014	TF	MAYAH	-	058 (050.3)	-8.1	4.5	-	+4000	-	-	RNP1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	DUBKA	271 (262.6)	-8.1	1.0(-14000) 1.5(+14001)	L	10000	-	-230(-14000) -240(+14001)	RNP1
Hold	MOVNI	278 (269.8)	-8.1	1.0(-14000) 1.5(+14001)	L	10000	-	-230(-14000) -240(+14001)	RNP1

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RNAV STAR RWY24L/24R

EVERT M ARRIVAL

From EVERT, to MOVNI, to MADIP at 10000FT, to BB460, to BB461, to BB462, to BB463, to MUGLA at 10000FT, to NOBUN at or above 8000FT, to AWAJI, to LILAC, to SAPEK, to MAYAH at or above 4000FT.

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	EVERT	-	-	-8.1	-	-	-	-	-	RNP1
002	TF	MOVNI	-	305 (297.0)	-8.1	15.5	-	-	-	-	RNP1
003	TF	MADIP	-	278 (269.7)	-8.1	11.7	-	10000	230	-	RNP1
004	TF	BB460	-	335 (326.6)	-8.1	6.3	-	-	-	-	RNP1
005	TF	BB461	-	295 (286.5)	-8.1	7.6	-	-	-	-	RNP1
006	TF	BB462	-	317 (308.9)	-8.1	7.6	-	-	-	-	RNP1
007	TF	BB463	-	339 (331.4)	-8.1	7.6	-	-	-	-	RNP1
008	TF	MUGLA	-	002 (353.7)	-8.1	7.6	-	10000	230	-	RNP1
009	TF	NOBUN	-	103 (095.0)	-8.1	19.5	-	+8000	-	-	RNP1
010	TF	AWAJI	-	058 (050.0)	-8.1	8.1	-	-	-	-	RNP1
011	TF	LILAC	-	058 (050.1)	-8.1	17.1	-	-	-	-	RNP1
012	TF	SAPEK	-	058 (050.3)	-8.1	9.9	-	-	-	-	RNP1
013	TF	MAYAH	-	058 (050.3)	-8.1	4.5	-	+4000	-	-	RNP1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	MOVNI	278 (269.8)	-8.1	1.0(-14000) 1.5(+14001)	L	10000	-	-230(-14000) -240(+14001)	RNP1

CHANGE : New PROC.

STANDARD ARRIVAL CHART - INSTRUMENT

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RNAV STAR RWY24L/24R

NIXOV M ARRIVAL

From NIXOV, to MADIP at 10000FT, to BB460, to BB461, to BB462, to BB463, to MUGLA at 10000FT, to NOBUN at or above 8000FT, to AWAJI, to LILAC, to SAPEK, MAYAH at or above 4000FT.

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	NIXOV	-	-	-8.1	-	-	-	-	-	RNP1
002	TF	MADIP	-	048 (039.8)	-8.1	12.5	-	10000	230	-	RNP1
003	TF	BB460	-	335 (326.6)	-8.1	6.3	-	-	-	-	RNP1
004	TF	BB461	-	295 (286.5)	-8.1	7.6	-	-	-	-	RNP1
005	TF	BB462	-	317 (308.9)	-8.1	7.6	-	-	-	-	RNP1
006	TF	BB463	-	339 (331.4)	-8.1	7.6	-	-	-	-	RNP1
007	TF	MUGLA	-	002 (353.7)	-8.1	7.6	-	10000	230	-	RNP1
008	TF	NOBUN	-	103 (095.0)	-8.1	19.5	-	+8000	-	-	RNP1
009	TF	AWAJI	-	058 (050.0)	-8.1	8.1	-	-	-	-	RNP1
010	TF	LILAC	-	058 (050.1)	-8.1	17.1	-	-	-	-	RNP1
011	TF	SAPEK	-	058 (050.3)	-8.1	9.9	-	-	-	-	RNP1
012	TF	MAYAH	-	058 (050.3)	-8.1	4.5	-	+4000	-	-	RNP1

Path	Waypoint Identifier	Inbound Course °M(°T)	Magnetic Variation	Outbound Time (MIN)	Turn Direction	Minimum Altitude (FT)	Maximum Altitude (FT)	Speed (KIAS)	Navigation Specification
Hold	NIXOV	064 (055.4)	-8.1	1.0(-14000) 1.5(+14001)	L	10000	-	-230(-14000) -240(+14001)	RNP1

Waypoint Coordinates

Waypoint Identifier	Coordinates	Waypoint Identifier	Coordinates
DUBKA	341309.4N / 1352433.9E	BB462	335830.2N / 1341717.3E
LIKPO	340955.3N / 1350715.9E	BB463	340511.2N / 1341252.8E
EVERT	333925.1N / 1350759.1E	MUGLA	341245.9N / 1341152.4E
MOVNI	334625.2N / 1345125.1E	NOBUN	341102.6N / 1343518.0E
NIXOV	333644.5N / 1342743.1E	AWAJI	341613.1N / 1344246.6E
MADIP	334620.7N / 1343721.4E	LILAC	342710.7N / 1345842.0E
BB460	335134.8N / 1343311.5E	SAPEK	343331.6N / 1350758.6E
BB461	335343.6N / 1342425.2E	MAYAH	343623.7N / 1351211.0E

CHANGE : New PROC.