

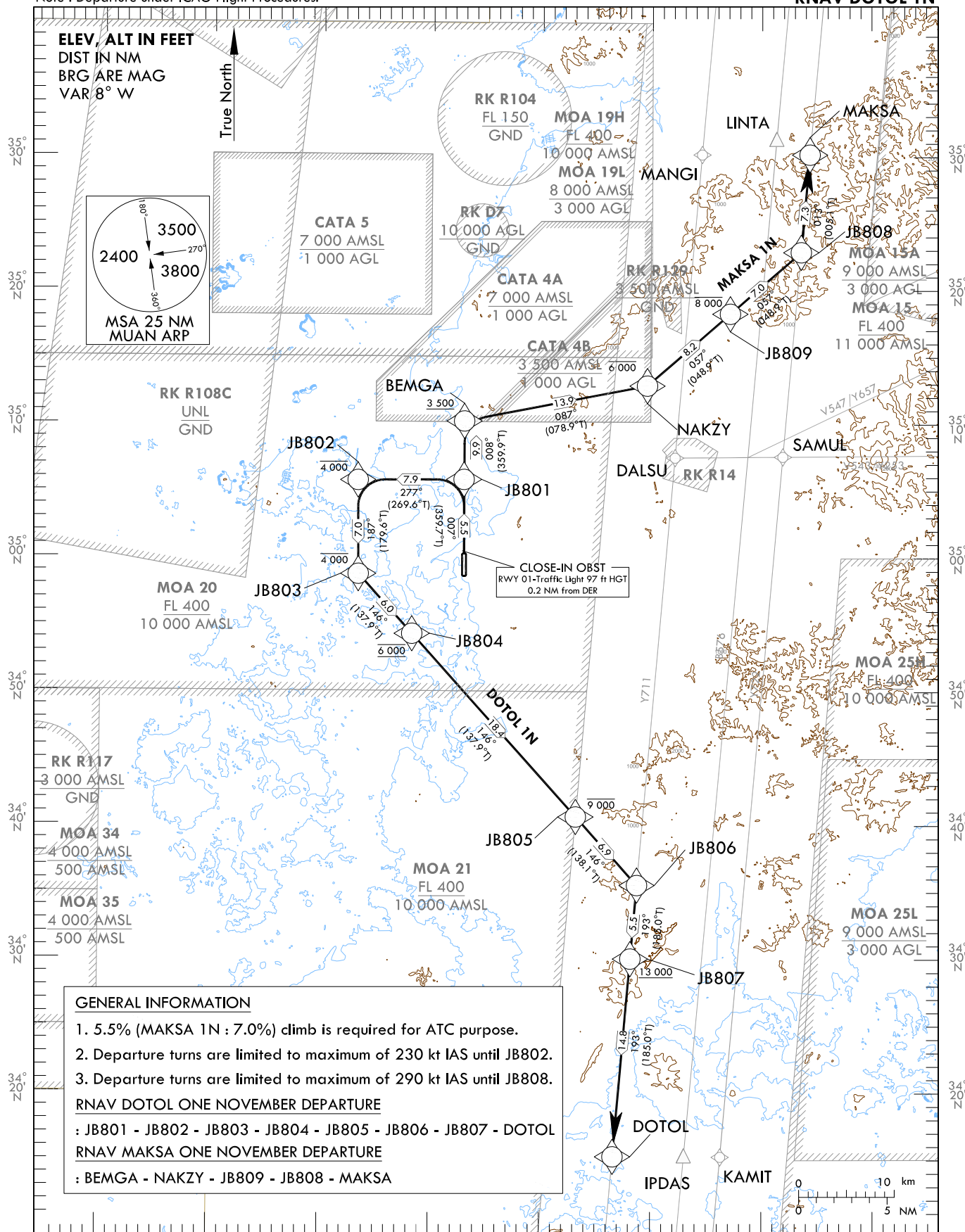
**STANDARD DEPARTURE CHART
INSTRUMENT(SID) - ICAO**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

GWANGJU DEP 124.0, 124.7
347.2
MUAN TWR 118.25
118.85

**MUAN/Muan Intl(RKJB)
RWY 01
RNAV MAKSA 1N
RNAV DOTOL 1N**

Note : Departure under ICAO Flight Procedures.



126°00'E 126°10'E 126°20'E 126°30'E 126°40'E 126°50'E 127°00'E

- NOTE**
- RNAV 1 operation.
 - GNSS required.
 - ATS surveillance service required.

Change : Information of standard instrument departure procedure for RWY 01.

OFFICE OF CIVIL AVIATION

**AIRAC AIP AMDT 11/21
Effective : 1600UTC 3 NOV 2021**

MUAN/Muan Intl(RKJB)

RWY 01

RNAV MAKSA 1N

RNAV DOTOL 1N

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV MAKSA 1N

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	BEMGA	-	008(359.9)	9.9	-	+3 500	-290	35°10'13.9"N 126°22'56.6"E	-	RNAV 1	-
002	TF	NAKZY	-	087(078.9)	13.9	-	-6 000	-290	35°12'53.8"N 126°39'34.6"E	-	RNAV 1	-
003	TF	JB809	-	057(048.9)	8.2	-	-8 000	-290	35°18'17.2"N 126°47'06.8"E	-	RNAV 1	-
004	TF	JB808	-	057(048.9)	7.0	-	-	-290	35°22'53.4"N 126°53'34.1"E	-	RNAV 1	-
005	TF	MAKSA	-	013(005.1)	7.3	-	-	-	35°30'11.3"N 126°54'22.0"E	-	RNAV 1	-

RNAV DOTOL 1N

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	JB801	-	007(359.7)	5.5	-	-	-230	35°05'51.5"N 126°22'55.5"E	-	RNAV 1	-
002	TF	JB802	-	277(269.6)	7.9	-	-4 000	-230	35°05'48.2"N 126°13'17.8"E	-	RNAV 1	-
003	TF	JB803	-	187(179.6)	7.0	-	-4 000	-	34°58'47.5"N 126°13'21.8"E	-	RNAV 1	-
004	TF	JB804	-	146(137.9)	6.0	-	@6 000	-	34°54'20.0"N 126°18'15.4"E	-	RNAV 1	-
005	TF	JB805	-	146(137.9)	18.4	-	-9 000	-	34°40'39.6"N 126°33'10.9"E	-	RNAV 1	-
006	TF	JB806	-	146(138.1)	6.9	-	-	-	34°35'32.9"N 126°38'43.9"E	-	RNAV 1	-
007	TF	JB807	-	193(185.0)	5.5	-	+13 000	-	34°30'02.7"N 126°38'09.3"E	-	RNAV 1	-
008	TF	DOTOL	-	193(185.0)	14.8	-	-	-	34°15'15.4"N 126°36'36.6"E	-	RNAV 1	-

Change : Information of standard instrument departure procedure for RWY 01.

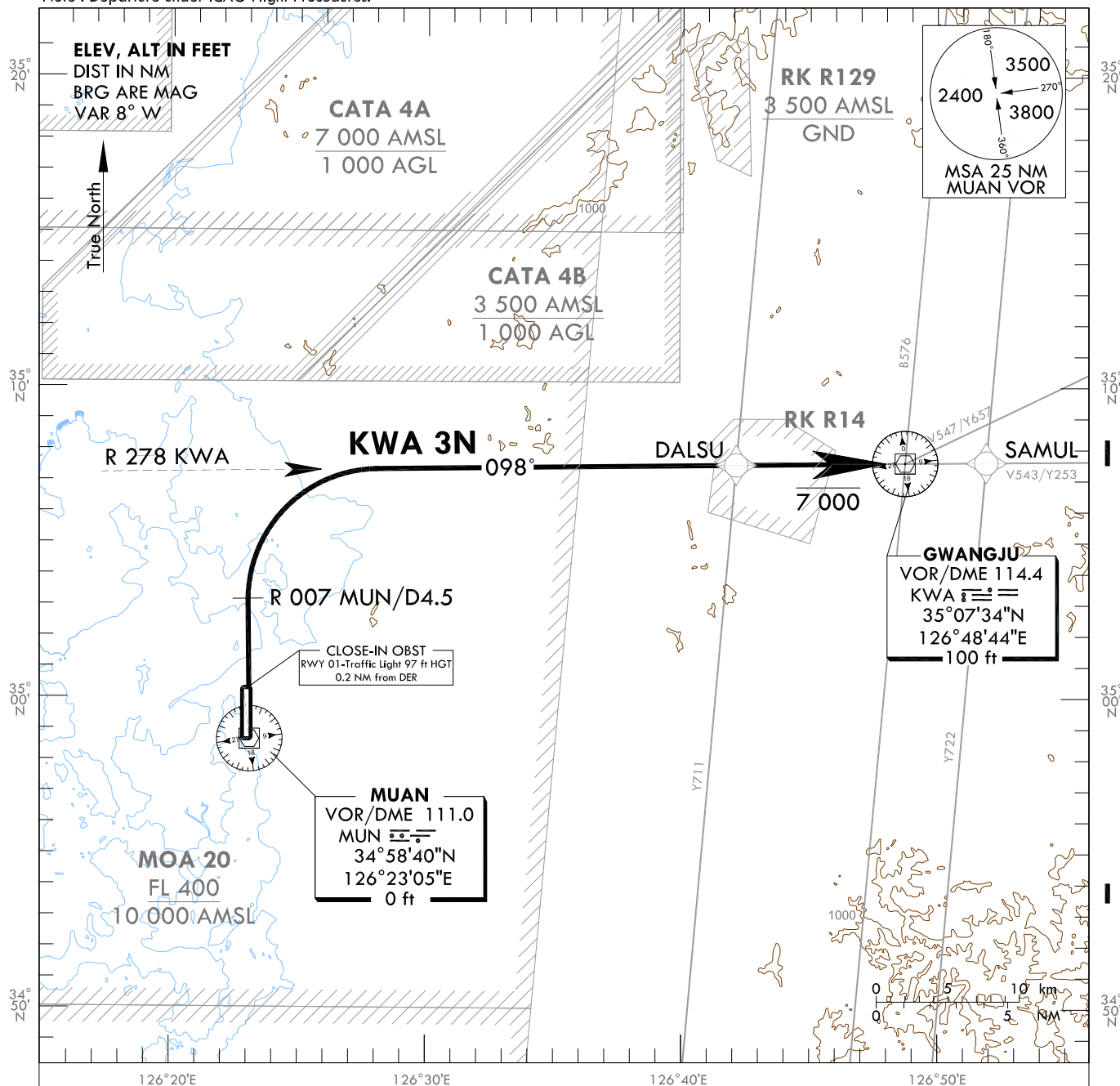
**STANDARD DEPARTURE CHART
INSTRUMENT(SID) - ICAO**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

GWANGJU DEP 124.0, 124.7
347.2
MUAN TWR 118.25
118.85

**MUAN/Muan Intl(RKJB)
RWY 01
KWA 3N**

Note : Departure under ICAO Flight Procedures.



KWA THREE NOVEMBER DEPARTURE

Climb to R 007 MUN/D4.5 then Turn Right to intercept R 278 KWA, Join B576 or V543 airway as assigned.

- * Cross KWA at or below 7 000 ft unless otherwise directed by ATC.
- * Minimum Climb gradient 5.6% until joining the assigned airway for ATC purpose.
- * Departure turns are limited to maximum of 240 kt IAS until KWA.

Change : Information of ELEV for MUN VOR/DME and fix(DALSU, SAMUL).

INTENTIONALLY

LEFT

BLANK

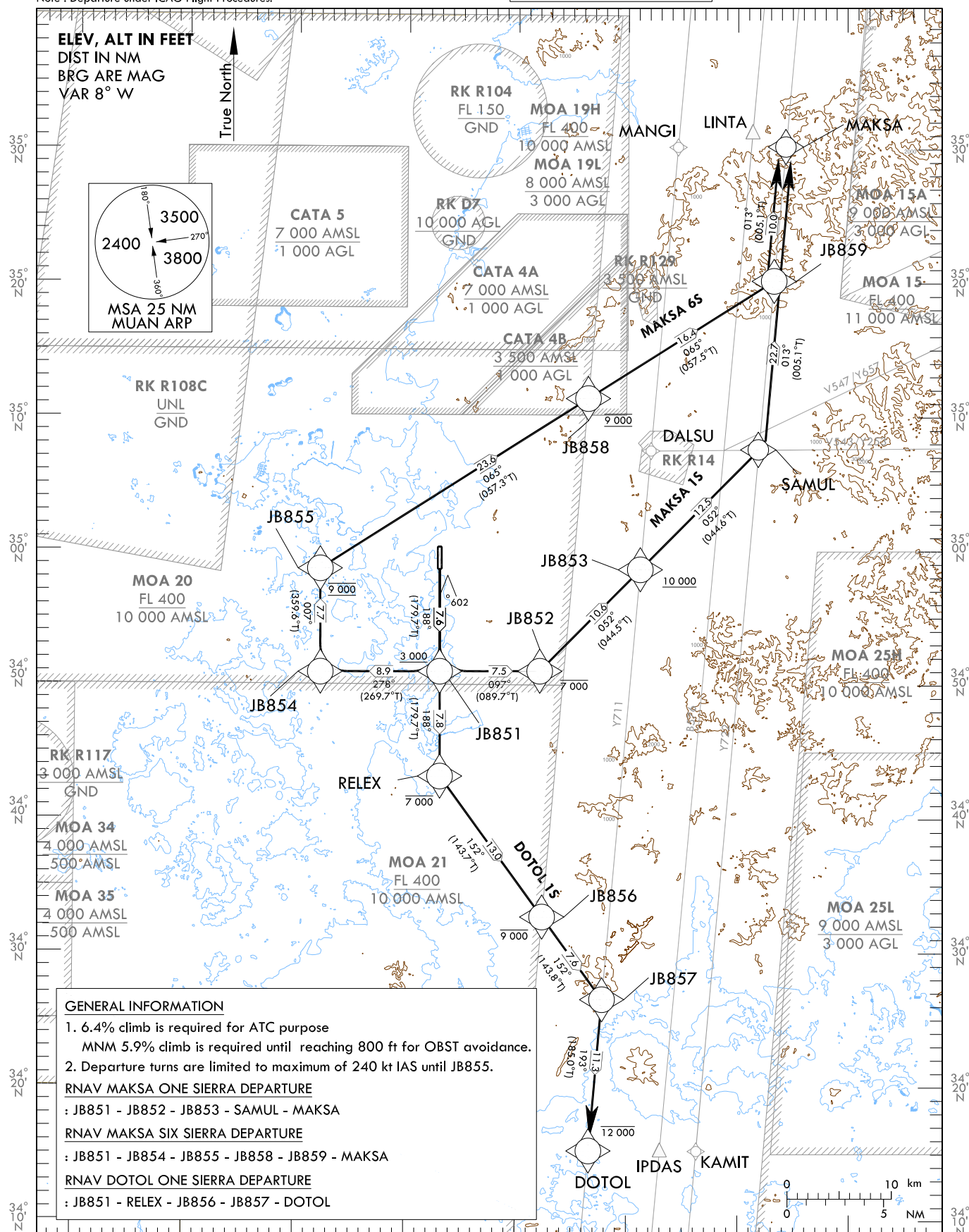
STANDARD DEPARTURE CHART
INSTRUMENT(SID) - ICAO

TRANSITION ALT 14 000
TRANSITION LVL FL 140

GWANGJU DEP 124.0, 124.7
347.2
MUAN TWR 118.25
118.85

MUAN/Muan Intl(RKJB)
RWY 19
RNAV MAKSA 1S
RNAV MAKSA 6S
RNAV DOTOL 1S

Note : Departure under ICAO Flight Procedures.



Change : Information of standard instrument departure procedure for RWY 19.

OFFICE OF CIVIL AVIATION

AIRAC AIP AMDT 11/21
Effective : 1600UTC 3 NOV 2021

MUAN/Muan Intl(RKJB)
RWY 19
RNAV MAKSA 1S, RNAV MAKSA 6S
RNAV DOTOL 1S

AERONAUTICAL DATA TABULATION

Standard Instrument Departure Procedure Coding Tables

RNAV MAKSA 1S

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	JB851	-	188(179.7)	7.6	-	+3 000	-240	34°51'00.9"N 126°23'01.4"E	-	RNAV 1	-
002	TF	JB852	-	097(089.7)	7.5	-	-7 000	-	34°51'03.2"N 126°32'04.9"E	-	RNAV 1	-
003	TF	JB853	-	052(044.5)	10.6	-	+10 000	-	34°58'39.3"N 126°41'10.0"E	-	RNAV 1	-
004	TF	SAMUL	-	052(044.6)	12.5	-	-	-	35°07'35.5"N 126°51'54.4"E	-	RNAV 1	-
005	TF	MAKSA	-	013(005.1)	22.7	-	-	-	35°30'11.3"N 126°54'22.0"E	-	RNAV 1	-

RNAV MAKSA 6S

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	JB851	-	188(179.7)	7.6	-	+3 000	-240	34°51'00.9"N 126°23'01.4"E	-	RNAV 1	-
002	TF	JB854	-	278(269.7)	8.9	-	-	-240	34°50'57.7"N 126°12'12.6"E	-	RNAV 1	-
003	TF	JB855	-	007(359.6)	7.7	-	@ 9 000	-240	34°58'40.4"N 126°12'08.7"E	-	RNAV 1	-
004	TF	JB858	-	065(057.3)	23.6	-	@ 9 000	-	35°11'25.3"N 126°36'24.2"E	-	RNAV 1	-
005	TF	JB859	-	065(057.5)	16.4	-	-	-	35°20'12.1"N 126°53'16.5"E	-	RNAV 1	-
006	TF	MAKSA	-	013(005.1)	10.0	-	-	-	35°30'11.3"N 126°54'22.0"E	-	RNAV 1	-

RNAV DOTOL 1S

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/RDH	Navigation specification	Remarks
001	CF	JB851	-	188(179.7)	7.6	-	+3 000	-	34°51'00.9"N 126°23'01.4"E	-	RNAV 1	-
002	TF	RELEX	-	188(179.7)	7.8	-	-7 000	-	34°43'11.2"N 126°23'04.3"E	-	RNAV 1	-
003	TF	JB856	-	152(143.7)	13.0	-	-9 000	-	34°32'42.2"N 126°32'21.6"E	-	RNAV 1	-
004	TF	JB857	-	152(143.8)	7.6	-	-	-	34°26'33.0"N 126°37'47.3"E	-	RNAV 1	-
005	TF	DOTOL	-	193(185.0)	11.3	-	-12 000	-	34°15'15.4"N 126°36'36.6"E	-	RNAV 1	-

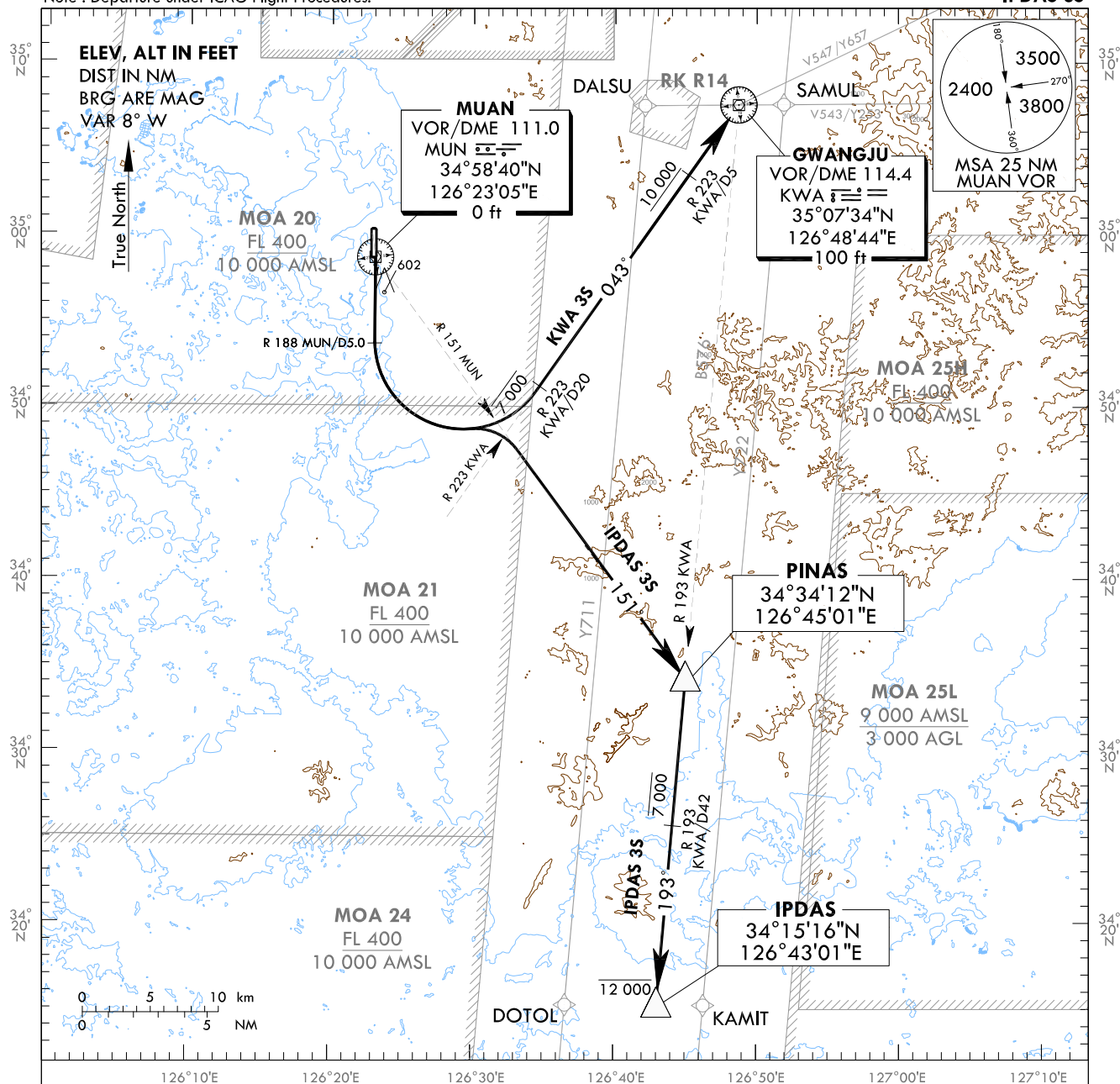
**STANDARD DEPARTURE CHART
INSTRUMENT(SID) - ICAO**

TRANSITION ALT 14 000
TRANSITION LVL FL 140

GWANGJU DEP	124.0, 124.7
	347.2
MUAN	TWR 118.25
	118.85

MUAN/Muan Intl(RKJB)
RWY 19
KWA 3S
IPDAS 3S

Note : Departure under ICAO Flight Procedures.



KWA THREE SIERRA DEPARTURE

Climb to R 188 MUN/D5.0 then Turn Left to intercept R 223 KWA, Join B576 or V543 airway as assigned.

- * Minimum 5.9% Climb is required until reaching 800 ft for OBST avoidance and 10 000 ft for ATC purpose.
- * Cross R 223 KWA/D20 at or below 7 000 ft and at or above 10 000 ft until R 223 KWA/D5 unless otherwise directed by ATC.

IPDAS THREE SIERRA DEPARTURE

Climb to R 188 MUN/D5.0 then Turn Left to intercept R 151 MUN to PINAS then IPDAS, Join B576 airway as assigned.

- * Minimum 5.9% Climb is required until reaching 800 ft for OBST avoidance.
- * Cross R 193 KWA/D42 at or below 7 000 ft and at or below 12 000 ft until IPDAS unless otherwise directed by ATC.

Change : Information of ELEV for MUN VOR/DME and Amended phrases(MANGI, MAKSA → DALSU SAMUL).

INTENTIONALLY

LEFT

BLANK