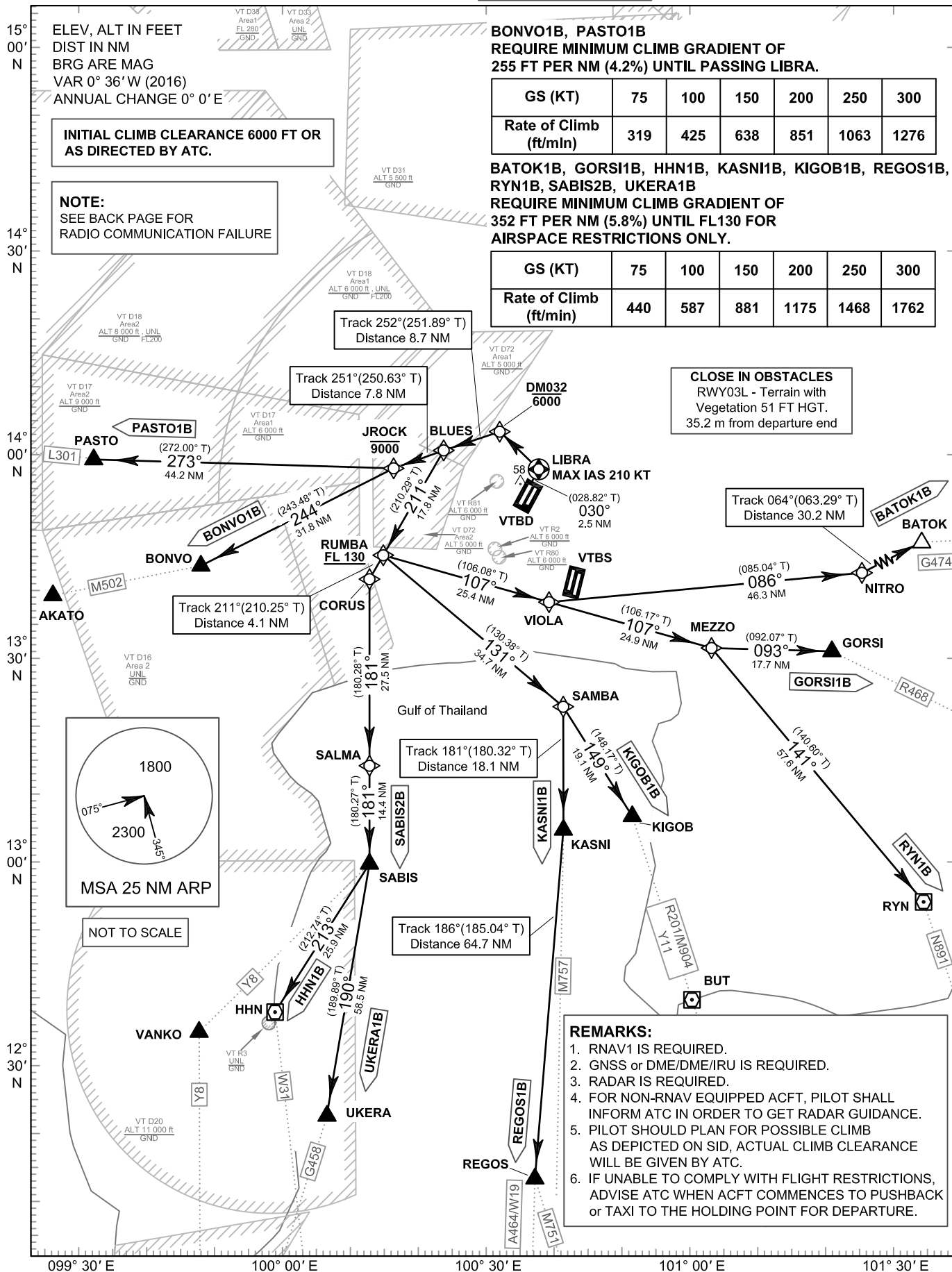# STANDARD DEPARTURE CHART-INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
11000 ft

SPEED RESTRICTION
MAX IAS 250 KT AT OR
BELOW ALT 10000 FT
UNLESS OTHERWISE
AUTHORIZED BY ATC.

APP : 119.1, 262.5
: 119.4, 262.5
: 120.3, 262.5
: 121.7, 262.5
: 122.35, 262.5
: 124.35, 262.5
: 125.2, 262.5
DAR : 125.5, 262.5
TWR : 118.1, 236.6
ATIS : 126.4, 344.6

BANGKOK/Don Mueang INTL (VTBD)
RNAV RWY03L

BATOK1B BONVO1B GORSI1B
HHN1B KASNI1B KIGOB1B
PASTO1B REGOS1B
RYN1B SABIS2B UKERA1B

ELEV, ALT IN FEET
DIST IN NM
BRG ARE MAG
VAR 0° 36' W (2016)
ANNUAL CHANGE 0° 0' E

INITIAL CLIMB CLEARANCE 6000 FT OR
AS DIRECTED BY ATC.

NOTE:
SEE BACK PAGE FOR
RADIO COMMUNICATION FAILURE

BONVO1B, PASTO1B
REQUIRE MINIMUM CLIMB GRADIENT OF
255 FT PER NM (4.2%) UNTIL PASSING LIBRA.

GS (KT)	75	100	150	200	250	300
Rate of Climb (ft/min)	319	425	638	851	1063	1276

BATOK1B, GORSI1B, HHN1B, KASNI1B, KIGOB1B, REGOS1B,
RYN1B, SABIS2B, UKERA1B
REQUIRE MINIMUM CLIMB GRADIENT OF
352 FT PER NM (5.8%) UNTIL FL130 FOR
AIRSPACE RESTRICTIONS ONLY.

GS (KT)	75	100	150	200	250	300
Rate of Climb (ft/min)	440	587	881	1175	1468	1762

CLOSE IN OBSTACLES
RWY03L - Terrain with
Vegetation 51 FT HGT.
35.2 m from departure end

VT D35 Area1 FL 280 GND
VT D33 Area 2 UNL GND
VT D31 ALT 5 500 ft GND
VT D18 Area1 ALT 6 000 ft , UNL GND FL200
VT D18 Area2 ALT 8 000 ft , UNL GND FL200
VT D17 Area2 ALT 9 000 ft GND
VT D17 Area1 ALT 6 000 ft GND
VT D72 Area1 ALT 5 000 ft GND
VT R81 ALT 6 000 ft GND
VT R2 ALT 6 000 ft GND
VT D72 Area2 ALT 5 000 ft GND
VT R80 ALT 6 000 ft GND

Track 252°(251.89° T)
Distance 8.7 NM

Track 251°(250.63° T)
Distance 7.8 NM

Track 064°(063.29° T)
Distance 30.2 NM

DM032
6000

JROCK
9000

BLUES

LIBRA
MAX IAS 210 KT

58

VTBD

(028.82° T)
030°
2.5 NM

BATOK1B
BATOK

G474

PASTO1B
PASTO
L301
(272.00° T)
273°
44.2 NM

(210.29° T)
211°
17.8 NM

(243.48° T)
244°
31.8 NM

BONVO1B

BONVO

RUMBA
FL 130

VTBS

(106.08° T)
107°
25.4 NM

(085.04° T)
086°
46.3 NM

NITRO

M502

AKATO

VT D16 Area 2 UNL GND

CORUS

Track 211°(210.25° T)
Distance 4.1 NM

VIOLA
(106.17° T)
107°
24.9 NM

MEZZO
(092.07° T)
093°
17.7 NM

GORSI

GORSI1B

R468

(180.28° T)
181°
27.5 NM

(130.38° T)
131°
34.7 NM

(140.60° T)
141°
57.6 NM

Gulf of Thailand

SAMBA

SALMA

Track 181°(180.32° T)
Distance 18.1 NM

(148.17° T)
149°
19.1 NM

KIGOB1B

KASNI1B

KASNI

KIGOB

1800

075°

2300

345°

MSA 25 NM ARP

NOT TO SCALE

(180.27° T)
181°
14.4 NM

SABIS2B

SABIS

Track 186°(185.04° T)
Distance 64.7 NM

RYN1B
RYN

N891

R201/M904
Y11

M757

BUT

(212.74° T)
213°
23.9 NM

HHN1B

(189.89° T)
190°
58.5 NM

HHN

VANKO

UKERA1B

Y8

VT R3 UNL GND

W31

VT D20 ALT 11 000 ft GND

UKERA

REGOS1B

REGOS

A464/W19

M751

G458

REMARKS:
1. RNAV1 IS REQUIRED.
2. GNSS or DME/DME/IRU IS REQUIRED.
3. RADAR IS REQUIRED.
4. FOR NON-RNAV EQUIPPED ACFT, PILOT SHALL
   INFORM ATC IN ORDER TO GET RADAR GUIDANCE.
5. PILOT SHOULD PLAN FOR POSSIBLE CLIMB
   AS DEPICTED ON SID, ACTUAL CLIMB CLEARANCE
   WILL BE GIVEN BY ATC.
6. IF UNABLE TO COMPLY WITH FLIGHT RESTRICTIONS,
   ADVISE ATC WHEN ACFT COMMENCES TO PUSHBACK
   or TAXI TO THE HOLDING POINT FOR DEPARTURE.

15° 00' N
14° 30' N
14° 00' N
13° 30' N
13° 00' N
12° 30' N

099° 30' E   100° 00' E   100° 30' E   101° 00' E   101° 30' E

STANDARD DEPARTURE CHART-INSTRUMENT (SID) - ICAO

BANGKOK/Don Mueang INTL (VTBD)
RNAV RWY03L

BATOK1B BONVO1B GORSI1B
HHN1B KASNI1B KIGOB1B
PASTO1B REGOS1B
RYN1B SABIS2B UKERA1B

RADIO COMMUNICATION FAILURE

1	SET THE AIRCRAFT TRANSPONDER TO MODE A/C CODE 7600
2	COMPLY WITH THE LAST ACKNOWLEDGED CLEARANCE *UP TO THE NEXT REPORTING POINT IN THE SID, THEN CLIMB TO THE FLIGHT PLANNED CRUISING LEVEL* IN ACCORDANCE WITH THE PUBLISHED ALL SPEED AND ALTITUDE RESTRICTIONS OF THE RELEVANT SID PROCEDURE. THEREAFTER COMPLY WITH THE FLIGHT PLANNED ROUTING AND LEVEL.
3	WHEN **A DEPARTING AIRCRAFT IS BEING RADAR VECTORED**, IF NO TRANSMISSIONS ARE HEARD ON THE FREQUENCY IN USE FOR A PERIOD OF *TWO MINUTES*, A RADIO FREQUENCY CHECK IS TO BE MADE. IF THE RADIO FREQUENCY CHECK INDICATES A RADIO COMMUNICATION FAILURE. THE PILOT SHALL MAINTAIN THE LAST ASSIGNED HEADING, SPEED AND LEVEL, OR MINIMUM FLIGHT ALTITUDE IF HIGHER. AFTER PERIOD OF *TWO MINUTES*, THE FLIGHT SHALL REJOIN THE MOST DIRECT MANNER POSSIBLE TO REJOIN THE SID PROCEDURE APPROPRIATE TO ITS ATS ROUTE OR THE FLIGHT PLAN ROUTE NO LATER THAN THE NEXT SIGNIFICANT POINT. THEREAFTER COMPLY WITH THE FLIGHT PLANNED ROUTING AND LEVEL.
4	FOR MORE INFORMATION OR OTHER CASES. REFER TO AIP VTBD AD 2.22, RADIO COMMUNICATION FAILURE.

ROUTE ABBREVIATED DESCRIPTIONS

SID	ROUTING	AIRWAYS
BATOK1B	RWY03L(DER) – LIBRA[M030; K210-; L] → DM032[A6000-] – BLUES[L] – RUMBA[F130+; L] – VIOLA[L] – NITRO[L] – BATOK	G474
BONVO1B	RWY03L(DER) – LIBRA[M030; K210-; L] → DM032[A6000-] – BLUES[L] – JROCK[A9000-; L] – BONVO	M502
GORSI1B	RWY03L(DER) – LIBRA[M030; K210-; L] → DM032[A6000-] – BLUES[L] – RUMBA[F130+; L] – VIOLA – MEZZO[L] – GORSI	R468
HHN1B	RWY03L(DER) – LIBRA[M030; K210-; L] → DM032[A6000-] – BLUES[L] – RUMBA[F130+] – CORUS[L] – SALMA – SABIS[R] – HHN	W31
KASNI1B	RWY03L(DER) – LIBRA[M030; K210-; L] → DM032[A6000-] – BLUES[L] – RUMBA[F130+; L] – SAMBA[R] - KASNI	M757
KIGOB1B	RWY03L(DER) – LIBRA[M030; K210-; L] → DM032[A6000-] – BLUES[L] – RUMBA[F130+; L] – SAMBA[R] - KIGOB	R201/M904/ Y11
PASTO1B	RWY03L(DER) – LIBRA[M030; K210-; L] → DM032[A6000-] – BLUES[L] – JROCK[A9000-; R] – PASTO	L301
REGOS1B	RWY03L(DER) – LIBRA[M030; K210-; L] → DM032[A6000-] – BLUES[L] – RUMBA[F130+; L] – SAMBA[R] - KASNI[R] – REGOS	A464/M751/ W19
RYN1B	RWY03L(DER) – LIBRA[M030; K210-; L] → DM032[A6000-] – BLUES[L] – RUMBA[F130+; L] – VIOLA – MEZZO[R] – RYN	N891
SABIS2B	RWY03L(DER) – LIBRA[M030; K210-; L] → DM032[A6000-] – BLUES[L] – RUMBA[F130+] – CORUS[L] – SALMA – SABIS	Y8
UKERA1B	RWY03L(DER) – LIBRA[M030; K210-; L] → DM032[A6000-] – BLUES[L] – RUMBA[F130+] – CORUS[L] – SALMA – SABIS[R] – UKERA	G458

STANDARD DEPARTURE CHART-
INSTRUMENT (SID) - ICAO

BANGKOK/Don Mueang INTL (VTBD)
RNAV RWY03L

BATOK1B BONVO1B GORSI1B
HHN1B KASNI1B KIGOB1B
PASTO1B REGOS1B
RYN1B SABIS2B UKERA1B

TABULAR DESCRIPTION

Serial Number	Path Descriptor	Waypoint Identifier	WGS-84 Coordinates Latitude	WGS-84 Coordinates Longtitude	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	Navigation Specification
001	-	DER RWY03L	13 55 34.87 N	100 36 44.62 E	-	-	0.6	-	-	-	-	RNAV1
002	CF	LIBRA	13 57 49.35 N	100 38 00.38 E	Y	030°(028.82°)	0.6	2.5	L	-	210	RNAV1
003	DF	DM032	14 03 48.15 N	100 31 27.81 E	-	-	0.6	-	-	6000-	-	RNAV1
004	TF	BLUES	14 01 05.07 N	100 22 57.50 E	-	252°(251.89°)	0.6	8.7	L	-	-	RNAV1
005	TF	RUMBA	13 45 36.97 N	100 13 43.08 E	-	211°(210.29°)	0.6	17.8	L	FL130+	-	RNAV1
006	TF	VIOLA	13 38 32.30 N	100 38 45.54 E	-	107°(106.08°)	0.6	25.4	L	-	-	RNAV1
007	TF	NITRO	13 42 28.69 N	101 26 07.28 E	-	086°(085.04°)	0.6	46.3	L	-	-	RNAV1
008	TF	BATOK	13 56 06.00 N	101 53 53.60 E	-	064°(063.29°)	0.6	30.2	-	-	-	RNAV1
009	TF	MEZZO	13 31 33.78 N	101 03 16.41 E	-	107°(106.17°)	0.6	24.9	L, R	-	-	RNAV1
010	TF	GORSI	13 30 54.64 N	101 21 28.05 E	-	093°(092.07°)	0.6	17.7	-	-	-	RNAV1
011	TF	RYN	12 46 48.30 N	101 40 41.70 E	-	141°(140.60°)	0.6	57.6	-	-	-	RNAV1
012	TF	SAMBA	13 23 02.66 N	100 40 48.12 E	-	131°(130.38°)	0.6	34.7	R	-	-	RNAV1
013	TF	KIGOB	13 06 46.46 N	100 51 06.33 E	-	149°(148.17°)	0.6	19.1	-	-	-	RNAV1
014	TF	KASNI	13 04 50.17 N	100 40 41.88 E	-	181°(180.32°)	0.6	18.1	R	-	-	RNAV1
015	TF	REGOS	12 00 06.50 N	100 34 54.30 E	-	186°(185.04°)	0.6	64.7	-	-	-	RNAV1
016	TF	CORUS	13 42 05.43 N	100 11 36.93 E	-	211°(210.25°)	0.6	4.1	L	-	-	RNAV1
017	TF	SALMA	13 14 28.89 N	100 11 28.72 E	-	181°(180.28°)	0.6	27.5	-	-	-	RNAV1
018	TF	SABIS	12 59 58.53 N	100 11 24.53 E	-	181°(180.27°)	0.6	14.4	R	-	-	RNAV1
019	TF	UKERA	12 02 07.25 N	100 01 09.59 E	-	190°(189.89°)	0.6	58.5	-	-	-	RNAV1
020	TF	HHN	12 38 04.04 N	099 57 04.23 E	-	213°(212.74°)	0.6	25.9	-	-	-	RNAV1
021	TF	JROCK	13 58 28.40 N	100 15 21.61 E	-	251°(250.63°)	0.6	7.8	L, R	9000-	-	RNAV1
022	TF	BONVO	13 44 10.47 N	099 46 06.72 E	-	244°(243.48°)	0.6	31.8	-	-	-	RNAV1
023	TF	PASTO	14 00 04.50 N	099 30 06.94 E	-	273°(272.00°)	0.6	44.2	-	-	-	RNAV1