STANDARD ARRIVAL CHART- INSTRUMENT (STAR) - ICAO
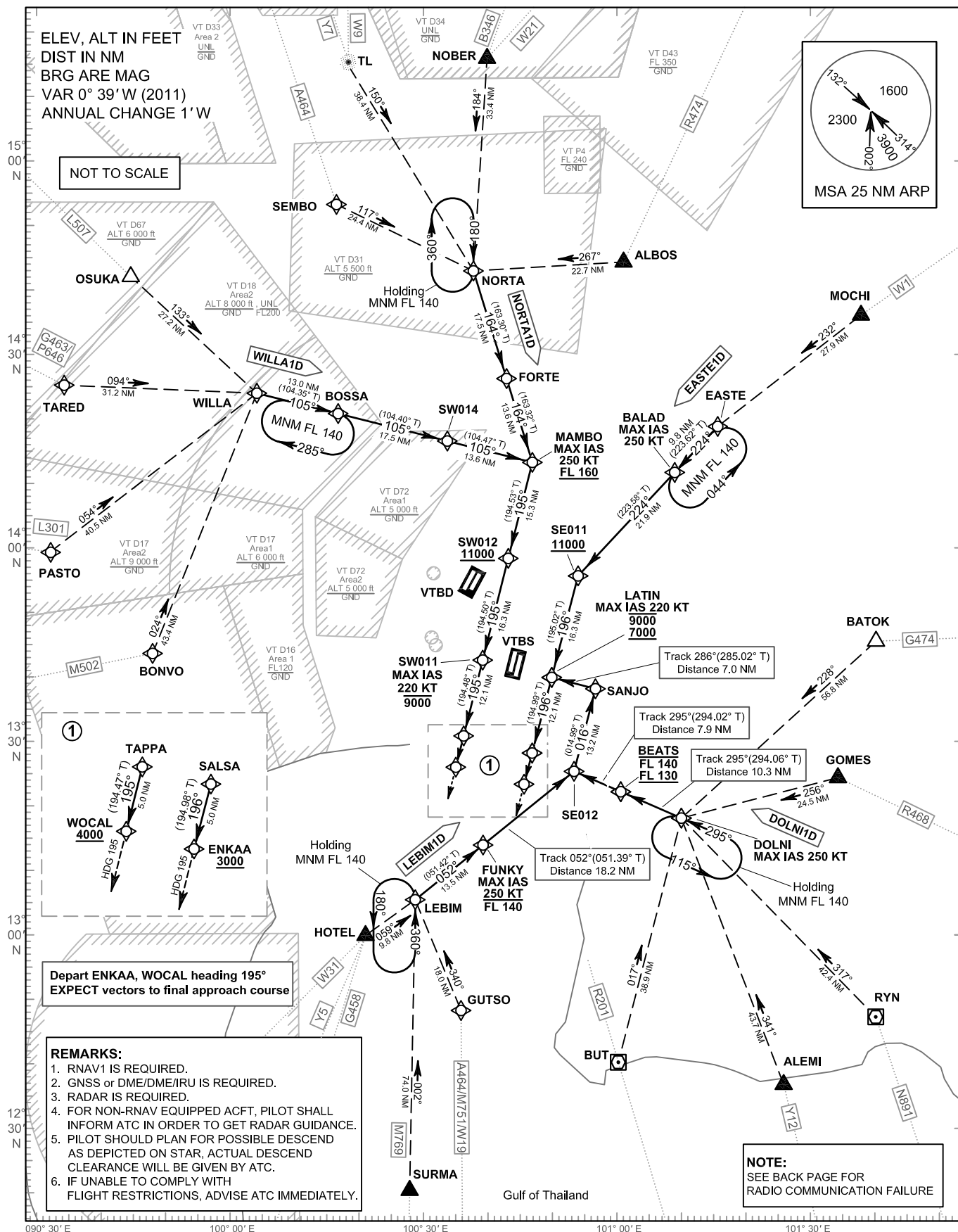
BANGKOK/Suvarnabhumi INTL (VTBS)
RNAV RWY01L/01R

EASTE1D DOLNI1D
LEBIM1D NORTA1D WILLA1D

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
	: 120.3, 262.5
	: 121.7, 262.5
	: 122.35, 262.5
	: 124.35, 262.5
	: 125.2, 262.5
ARR	: 121.1
	: 126.3
TWR	: 118.2, 274.5
	: 119.0
ATIS	: 133.6, 278.6

ELEV, ALT IN FEET
DIST IN NM
BRG ARE MAG
VAR 0° 39′ W (2011)
ANNUAL CHANGE 1′ W

NOT TO SCALE

MSA 25 NM ARP
132° 1600
2300 314°
002° 3900

Holding MNM FL 140 NORTA
Holding MNM FL 140 WILLA
Holding MNM FL 140 LEBIM
Holding MNM FL 140 DOLNI

NOBER
SEMBO 117° 24.4 NM
ALBOS 267° 22.7 NM
MOCHI 232° 27.9 NM
OSUKA
TARED 094° 31.2 NM
WILLA 133° 27.2 NM
BOSSA 105°
WILLA1D 13.0 NM (104.35° T)
FORTE (163.30° T) 164° 17.5 NM
NORTA1D
EASTE1D
EASTE
BALAD MAX IAS 250 KT 9.8 NM (223.62° T) 224°
SW014 (104.40° T) 105° 17.5 NM
(104.47° T) 105° 13.6 NM
MAMBO MAX IAS 250 KT FL 160
(163.32° T) 164° 13.6 NM
(194.53° T) 195° 15.3 NM
(223.58° T) 224° 21.9 NM
MNM FL 140 044°
PASTO 054° 40.5 NM
BONVO 024° 43.4 NM
SE011 11000
SW012 11000 (194.50° T) 195° 16.3 NM
(195.02° T) 196° 16.3 NM
VTBD
LATIN MAX IAS 220 KT 9000 7000
BATOK
228° 56.8 NM
SW011 MAX IAS 220 KT 9000 (194.48° T) 195° 12.1 NM
VTBS
(194.99° T) 196° 12.1 NM
(195.02° T) 196° 12.1 NM
SANJO
Track 286°(285.02° T) Distance 7.0 NM
Track 295°(294.02° T) Distance 7.9 NM
(014.99° T) 016° 13.2 NM
GOMES
256° 24.5 NM
BEATS FL 140 FL 130
Track 295°(294.06° T) Distance 10.3 NM
DOLNI1D
DOLNI MAX IAS 250 KT
295°
SE012
115°
Holding MNM FL 140

① Depart ENKAA, WOCAL heading 195° EXPECT vectors to final approach course

TAPPA
SALSA
(194.47° T) 195° 5.0 NM
(194.98° T) 196° 5.0 NM
WOCAL 4000 HDG 195
ENKAA 3000 HDG 195

LEBIM1D
Holding MNM FL 140
FUNKY MAX IAS 250 KT FL 140
(051.42° T) 052° 13.9 NM
Track 052°(051.39° T) Distance 18.2 NM
LEBIM
HOTEL 059° 9.8 NM 360° 180°
GUTSO 340° 18.0 NM
SURMA 002° 74.0 NM
BUT 017° 38.9 NM
ALEMI 341° 43.7 NM
RYN 317° 42.4 NM

Gulf of Thailand

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 DESCEND AS DEPICTED ON STAR, ACTUAL DESCEND CLEARANCE WILL BE GIVEN BY ATC.
6. IF UNABLE TO COMPLY WITH FLIGHT RESTRICTIONS, ADVISE ATC IMMEDIATELY.

NOTE:
SEE BACK PAGE FOR RADIO COMMUNICATION FAILURE

TL 150° 38.4 NM
NOBER 184° 33.4 NM
360° 180°

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**BANGKOK/Suvarnabhumi INTL (VTBS)
RNAV RWY01L/01R**

**EASTE1D DOLNI1D
LEBIM1D NORTA1D WILLA1D**

RADIO COMMUNICATION FAILURE

1	SET THE AIRCRAFT TRANSPONDER TO MODE A/C CODE 7600
2	PROCEED ACCORDING TO THE STAR ROUTE TO THE TERMINATION WOCAL/ENKAA, DESCEND IN ACCORDANCE WITH THE PUBLISHED ALL SPEED AND ALTITUDE RESTRICTIONS OF THE RELEVANT STAR PROCEDURE, THENCE: AFTER PASSING WOCAL/ENKAA FLY HEADING 195 AND MAINTAIN ALTITUDE 6000 FT FOR NEXT 10 NM, THEN TURN LEFT/RIGHT AND DESCEND TO 2000 FT AND CARRY OUT THE APPROPRIATE ILS APPROACH PROCEDURE.
3	WHEN **AN ARRIVING 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. PILOT SHOULD PROCEED IN THE MOST DIRECT MANNER POSSIBLE TO REJOIN THE STAR PROCEDURE APPROPRIATE TO ITS ATS ROUTE AND LANDING DIRECTION AND THEN COMPLY WITH THE PROCEDURES IN ITEM 2 ABOVE.
4	FOR MORE INFORMATION OR OTHER CASES. REFER TO AIP VTBS AD 2.22, RADIO COMMUNICATION FAILURE.

ROUTE ABBREVIATED DESCRIPTIONS

AIRWAYS	Transition	STAR	ROUTING
W1	MOCHI	EASTE1D	EASTE – BALAD[K250-] – SE011[A11000+; L] – LATIN[A7000+; A9000-; K220-] – SALSA – ENKAA[A3000+], [HDG, M195]
R468	GOMES	DOLNI1D	DOLNI[K250-] – BEATS[F130+; F140-] – SE012[R] – SANJO[L] – LATIN[A7000+; A9000-; K220-; L] – SALSA – ENKAA[A3000+], [HDG, M195]
G474	BATOK		
N891	RYN		
Y12	ALEMI		
R201	BUT		
A464/M751/W19	GUTSO	LEBIM1D	LEBIM – FUNKY[F140-; K250-] – SE012[L] – SANJO[L] – LATIN[A7000+; A9000-; K220-; L] – SALSA – ENKAA[A3000+], [HDG, M195]
M769	SURMA		
G458, W31, Y5	HOTEL		
A464	SEMBO	NORTA1D	NORTA– FORTE – MAMBO[F160+; K250-; R] – SW012[A11000+] – SW011[A9000-; K220-] – TAPPA – WOCAL[A4000+], [HDG, M195]
Y7, W9	TL		
W21, B346	NOBER		
R474	ALBOS		
M502	BONVO	WILLA1D	WILLA – BOSSA – SW014 – MAMBO[F160+; K250-; R] – SW012[A11000+] – SW011[A9000-; K220-] – TAPPA – WOCAL[A4000+], [HDG, M195]
L301	PASTO		
G463/P646	TARED		
L507	OSUKA		

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EASTE1D DOLNI1D
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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	IF	MOCHI	14 36 03.26 N	101 39 34.93 E	-	232°(231.38°)	0.7	27.9	-	-	-	RNAV1
002	IF/TF	EASTE	14 18 34.80 N	101 17 10.48 E	-	224°(223.62°)	0.7	9.8	-	-	-	RNAV1
003	TF	BALAD	14 11 29.13 N	101 10 14.84 E	-	224°(223.58°)	0.7	21.9	-	-	250	RNAV1
004	TF	SE011	13 55 30.89 N	100 54 41.71 E	-	196°(195.02°)	0.7	16.3	L	11000+	-	RNAV1
005	IF	BATOK	13 56 06.00 N	101 53 53.60 E	-	228°(227.72°)	0.7	56.8	-	-	-	RNAV1
006	IF	GOMES	13 24 06.10 N	101 35 05.70 E	-	256°(254.89°)	0.7	24.5	-	-	-	RNAV1
007	IF	RYN	12 46 48.30 N	101 40 41.70 E	-	317°(316.53°)	0.7	42.4	-	-	-	RNAV1
008	IF	ALEMI	12 36 25.55 N	101 25 59.92 E	-	341°(340.16°)	0.7	43.7	-	-	-	RNAV1
009	IF	BUT	12 40 06.30 N	100 59 48.00 E	-	017°(016.02°)	0.7	38.9	-	-	-	RNAV1
010	IF/TF	DOLNI	13 17 39.62 N	101 10 48.41 E	-	295°(294.06°)	0.7	10.3	-	-	250	RNAV1
011	TF	BEATS	13 21 51.18 N	101 01 12.46 E	-	295°(294.02°)	0.7	7.9	-	FL130+; FL140-	-	RNAV1
012	IF	HOTEL	13 00 06.20 N	100 19 48.30 E	-	059°(058.61°)	0.7	9.8	-	-	-	RNAV1
013	IF	SURMA	11 51 22.45 N	100 26 32.65 E	-	002°(001.42°)	0.7	74.0	-	-	-	RNAV1
014	IF	GUTSO	12 48 19.94 N	100 34 54.30 E	-	340°(339.37°)	0.7	18.0	-	-	-	RNAV1
015	IF/TF	LEBIM	13 05 14.81 N	100 28 24.51 E	-	052°(051.42°)	0.7	13.5	-	-	-	RNAV1
016	TF	FUNKY	13 13 42.70 N	100 39 14.72 E	-	052°(051.39°)	0.7	18.2	-	FL140-	250	RNAV1
017	TF	SE012	13 25 04.96 N	100 53 48.04 E	-	016°(014.99°)	0.7	13.2	L, R	-	-	RNAV1
018	TF	SANJO	13 37 54.54 N	100 57 18.72 E	-	286°(285.02°)	0.7	7.0	L	-	-	RNAV1
019	TF	LATIN	13 39 43.82 N	100 50 21.89 E	-	196°(194.99°)	0.7	12.1	L	7000+; 9000-	220	RNAV1
020	TF	SALSA	13 27 58.73 N	100 47 08.94 E	-	196°(194.98°)	0.7	5.0	-	-	-	RNAV1
021	VM	ENKAA	13 23 07.66 N	100 45 49.41 E	-	-	0.7	-	-	3000+	-	RNAV1
022	IF	ALBOS	14 44 41.70 N	101 01 41.90 E	-	267°(266.10°)	0.7	22.7	-	-	-	RNAV1
023	IF	NOBER	15 16 35.60 N	100 40 06.00 E	-	184°(182.93°)	0.7	33.4	-	-	-	RNAV1
024	IF	TL	15 16 08.09 N	100 17 51.05 E	-	150°(148.85°)	0.7	38.4	-	-	-	RNAV1
025	IF	SEMBO	14 53 59.16 N	100 15 47.92 E	-	117°(116.29°)	0.7	24.4	-	-	-	RNAV1
026	IF/TF	NORTA	14 43 07.64 N	100 38 20.46 E	-	164°(163.30°)	0.7	17.5	-	-	-	RNAV1
027	TF	FORTE	14 26 19.82 N	100 43 30.68 E	-	164°(163.32°)	0.7	13.6	-	-	-	RNAV1
028	IF	OSUKA	14 42 48.00 N	099 43 00.00 E	-	133°(132.68°)	0.7	27.2	-	-	-	RNAV1
029	IF	TARED	14 26 19.52 N	099 31 28.87 E	-	094°(093.67°)	0.7	31.2	-	-	-	RNAV1
030	IF	PASTO	14 00 04.50 N	099 30 06.94 E	-	054°(053.38°)	0.7	40.5	-	-	-	RNAV1
031	IF	BONVO	13 44 10.47 N	099 46 06.72 E	-	024°(023.01°)	0.7	43.4	-	-	-	RNAV1
032	IF/TF	WILLA	14 24 16.98 N	100 03 35.36 E	-	105°(104.35°)	0.7	13.0	-	-	-	RNAV1
033	TF	BOSSA	14 21 02.53 N	100 16 33.45 E	-	105°(104.40°)	0.7	17.5	-	-	-	RNAV1
034	TF	SW014	14 16 40.13 N	100 33 58.54 E	-	105°(104.47°)	0.7	13.6	-	-	-	RNAV1
035	TF	MAMBO	14 13 14.96 N	100 47 31.81 E	-	195°(194.53°)	0.7	15.3	R	FL160+	250	RNAV1
036	TF	SW012	13 58 19.55 N	100 43 34.25 E	-	195°(194.50°)	0.7	16.3	-	11000+	-	RNAV1
037	TF	SW011	13 42 30.15 N	100 39 23.08 E	-	195°(194.48°)	0.7	12.1	-	9000-	220	RNAV1
038	TF	TAPPA	13 30 43.35 N	100 36 16.52 E	-	195°(194.47°)	0.7	5.0	-	-	-	RNAV1
039	VM	WOCAL	13 25 51.57 N	100 34 59.62 E	-	-	0.7	-	-	4000+	-	RNAV1