

AERODROME CHART - ICAO

13 41 09 N
100 44 56 E ELEV 1.4 m

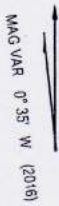
TWR 118.2 274.5
119.0
121.5 243.0

BANGKOK / Suvarnabhumi International

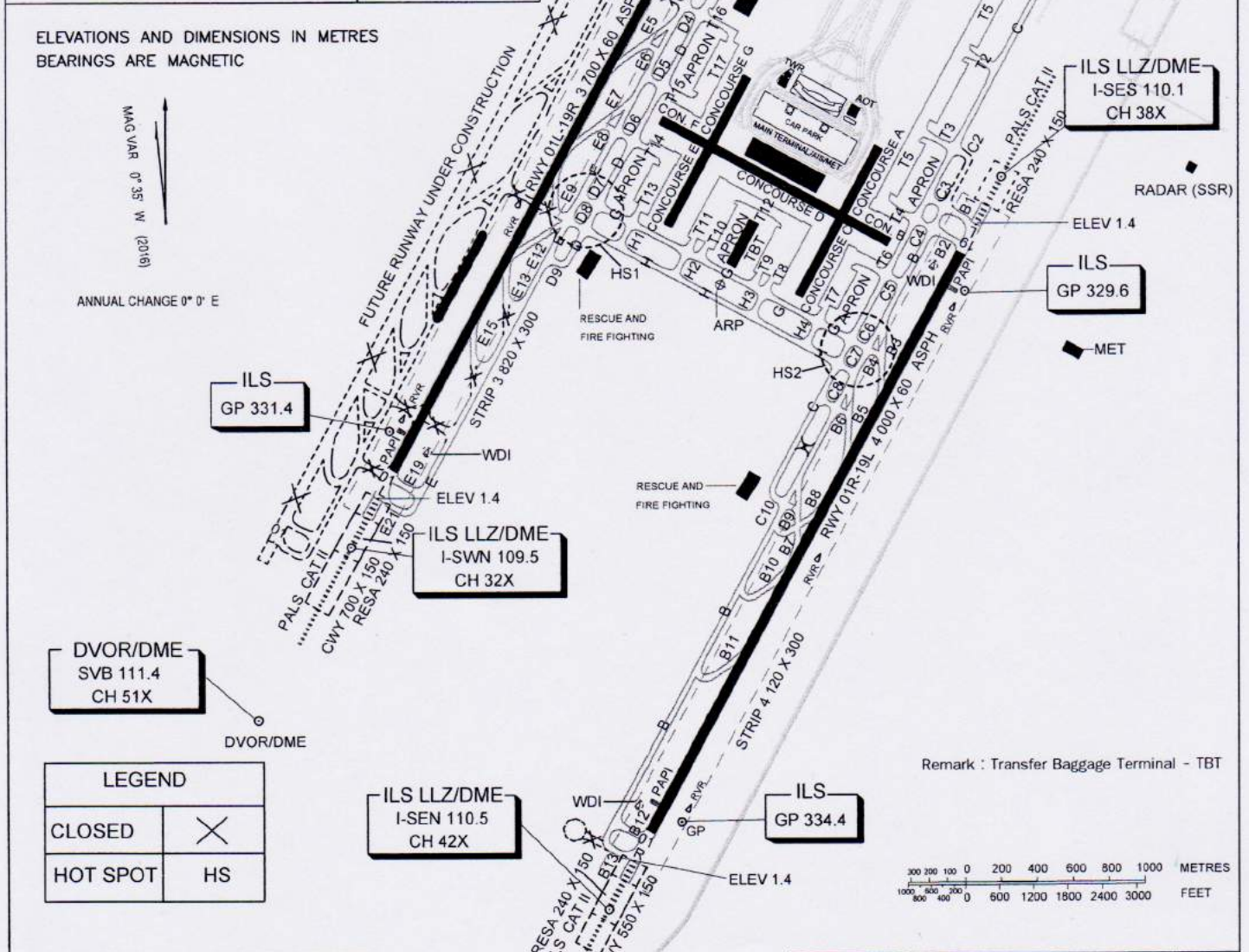
RWY	DIRECTION	THR	BEARING STRENGTH
01R	14.92°	13 39 24.11 N 100 45 06.59 E	all runways and taxiways PCN 137/F/D/X/T asphalt
19L	194.92°	13 41 30.17 N 100 45 39.72 E	
01L	14.92°	13 40 16.60 N 100 44 04.79 E	aprons PCN 126/R/D/X/T concrete
19R	194.92°	13 42 13.21 N 100 44 35.44 E	

TAXIWAYS 30 M. WIDE

ELEVATIONS AND DIMENSIONS IN METRES
BEARINGS ARE MAGNETIC



ANNUAL CHANGE 0° 0' E

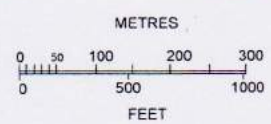
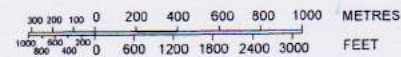


DVOR/DME
SVB 111.4
CH 51X

DVOR/DME

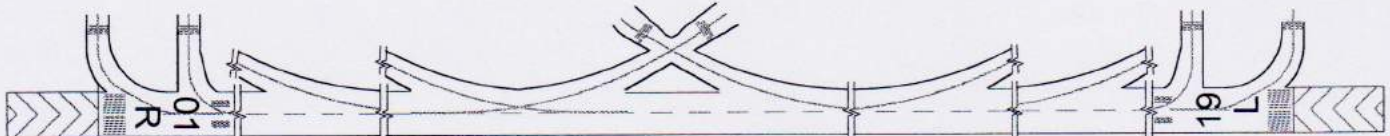
LEGEND	
CLOSED	✕
HOT SPOT	HS

Remark : Transfer Baggage Terminal - TBT

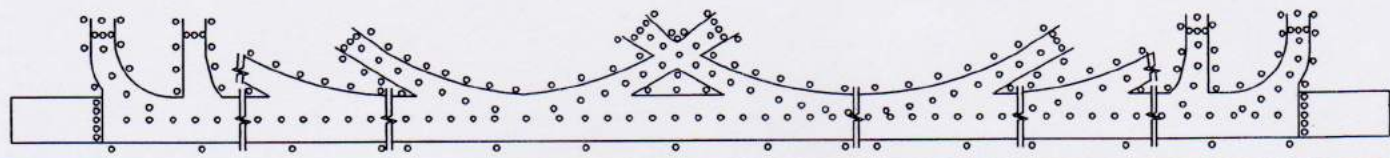


MARKING AND LIGHTING AIDS
RWY 01L/19R SIMILAR TO RWY 01R/19L

MARKING AIDS RWY 01R/19L AND EXIT TWY



LIGHTING AIDS RWY 01R/19L AND EXIT TWY



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AIRCRAFT PARKING /
DOCKING CHART- ICAO

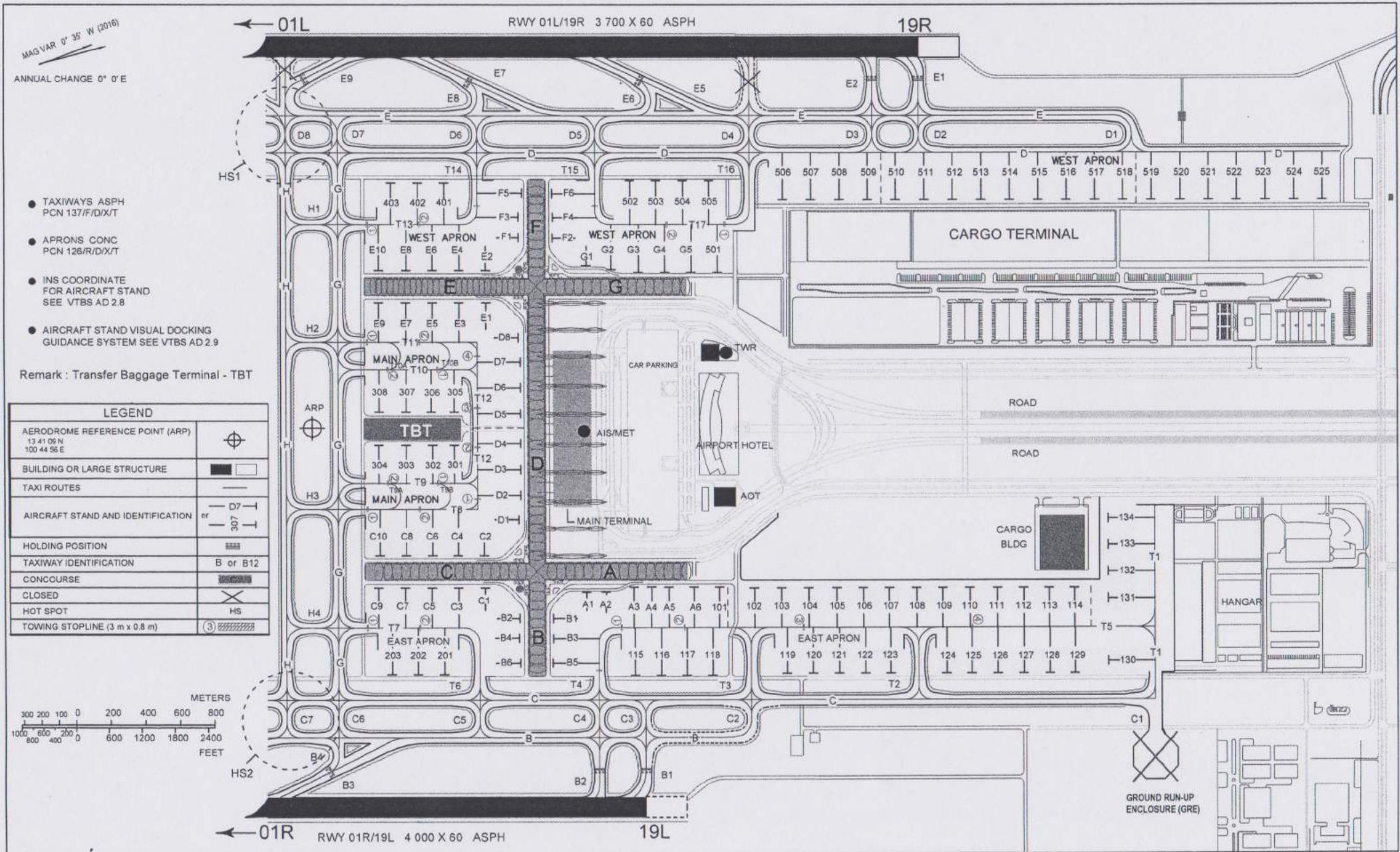
13 41 09 N
100 44 56 E

APRON ELEV
1.8 m (5.9 ft)

TWR FREQ 119.0 (RWY 19R/01L)
TWR FREQ 118.2 (RWY 19L/01R)

GND FREQ 121.95 (WEST APRON)
GND FREQ 121.75 (MAIN APRON)
GND FREQ 121.65 (EAST APRON)

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AERODROME GROUND
MOVEMENT CHART - ICAO

APRON ELEV
1.8 m (5.9 ft)

TWR FREQ 119.0 (RWY 19R/01L)
TWR FREQ 118.2 (RWY 19L/01R)

GND FREQ 121.95 (WEST APRON)
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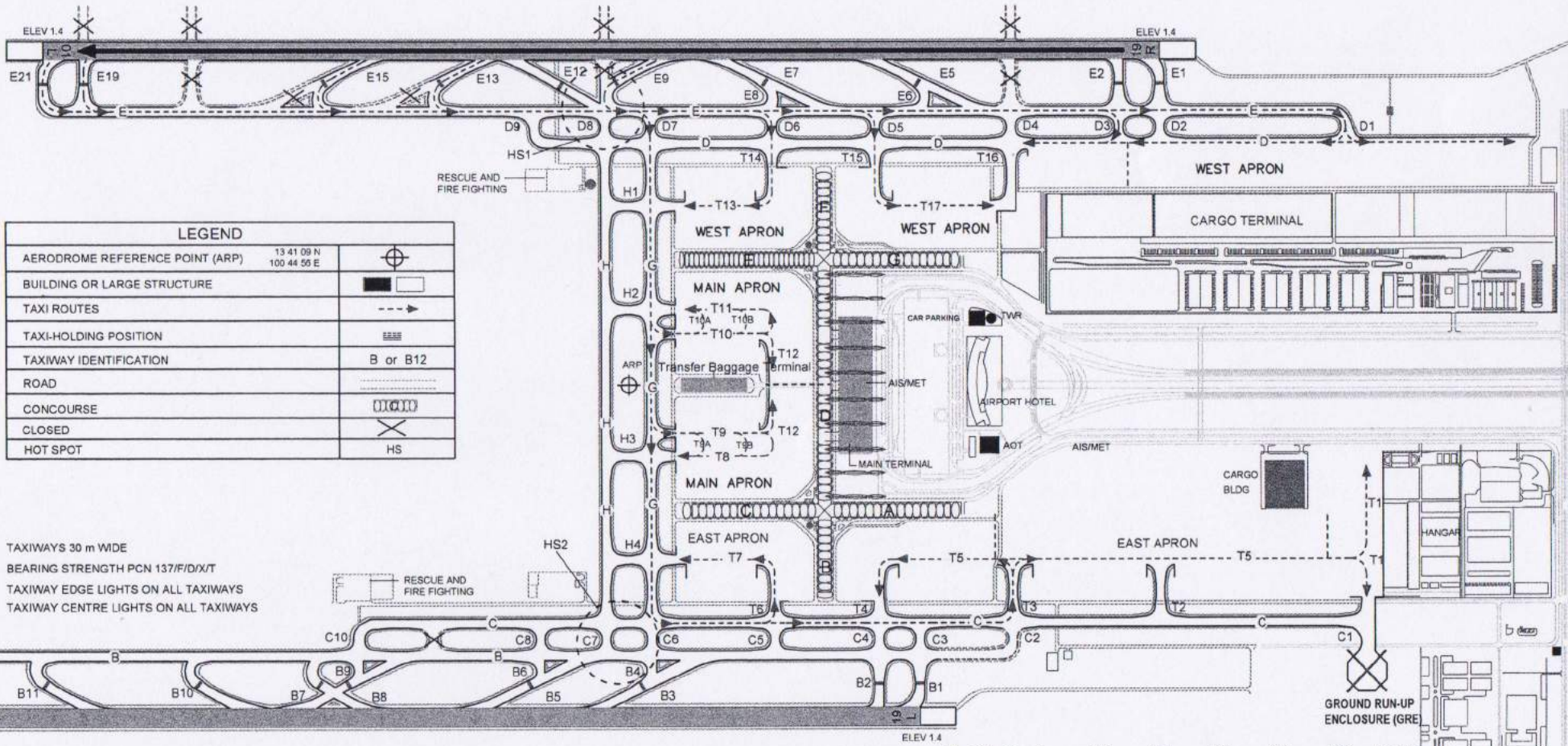
STANDARD TAXI ROUTES

INBOUND TAXI ROUTES - LANDING RUNWAY 19R

ELEVATIONS IN METRES
BEARINGS ARE MAGNETIC

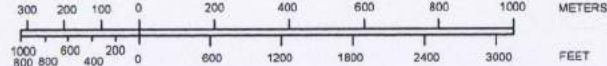
MAG VAR 0° 35' W (2016)

ANNUAL CHANGE 0° 0' E



LEGEND		
AERODROME REFERENCE POINT (ARP)	13 41 09 N 100 44 56 E	
BUILDING OR LARGE STRUCTURE		
TAXI ROUTES		
TAXI-HOLDING POSITION		
TAXIWAY IDENTIFICATION	B or B12	
ROAD		
CONCOURSE		
CLOSED		
HOT SPOT		HS

TAXIWAYS 30 m WIDE
BEARING STRENGTH PCN 137/F/D/X/T
TAXIWAY EDGE LIGHTS ON ALL TAXIWAYS
TAXIWAY CENTRE LIGHTS ON ALL TAXIWAYS



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AERODROME GROUND
MOVEMENT CHART - ICAO

APRON ELEV
1.8 m (5.9 ft)

TWR FREQ 119.0 (RWY 19R/01L)
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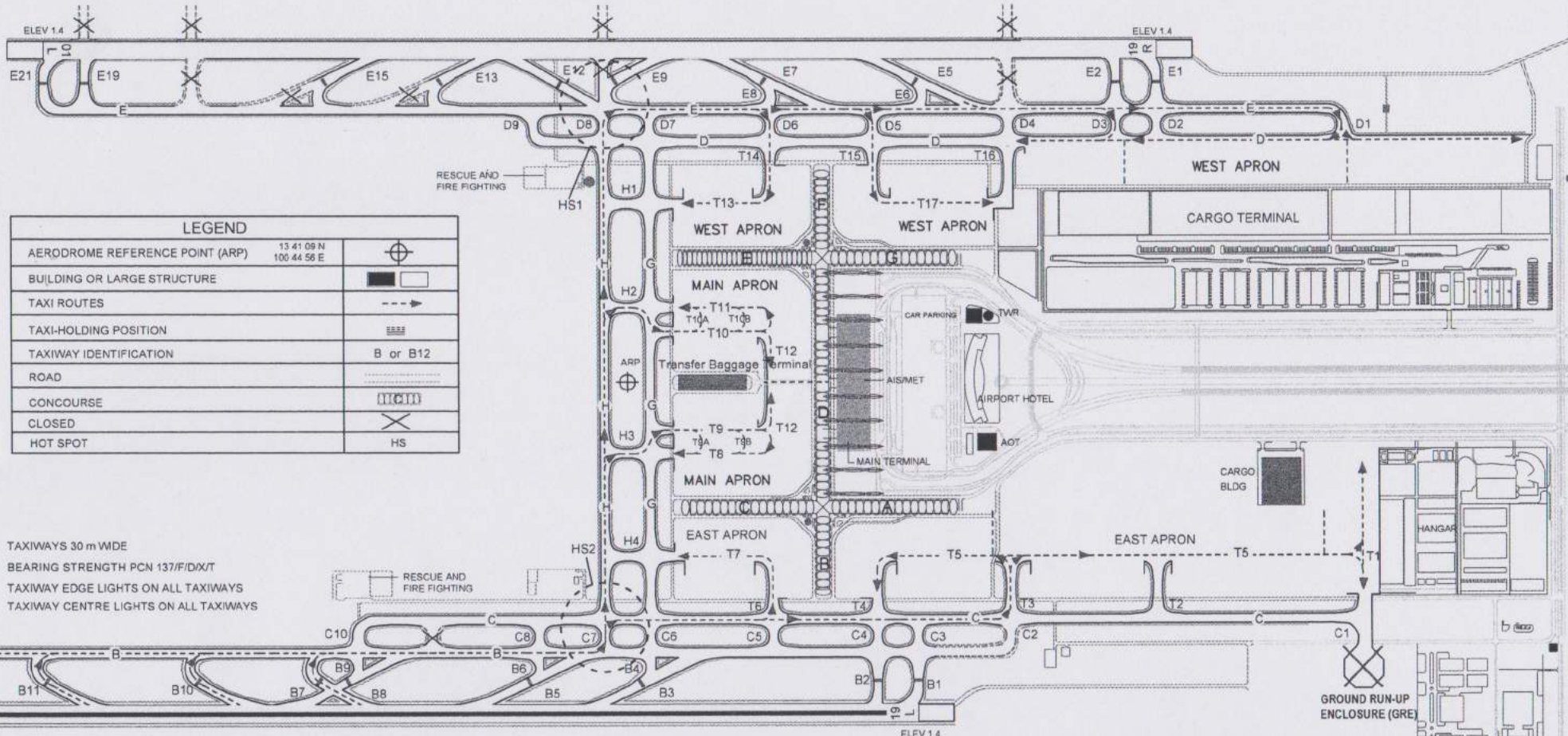
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STANDARD TAXI ROUTES

INBOUND TAXI ROUTES - LANDING RUNWAY 19L

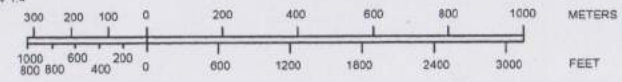
ELEVATIONS IN METRES
BEARINGS ARE MAGNETIC

MAR VAR 0° 35' W (2016)
ANNUAL CHANGE 0° 0' E



LEGEND		
AERODROME REFERENCE POINT (ARP)	13 41 09 N 100 44 56 E	
BUILDING OR LARGE STRUCTURE		
TAXI ROUTES		
TAXI-HOLDING POSITION		
TAXIWAY IDENTIFICATION	B or B12	
ROAD		
CONCOURSE		
CLOSED		
HOT SPOT		

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AERODROME GROUND
MOVEMENT CHART - ICAO

APRON ELEV
1.8 m (5.9 ft)

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GND FREQ 121.65 (EAST APRON)

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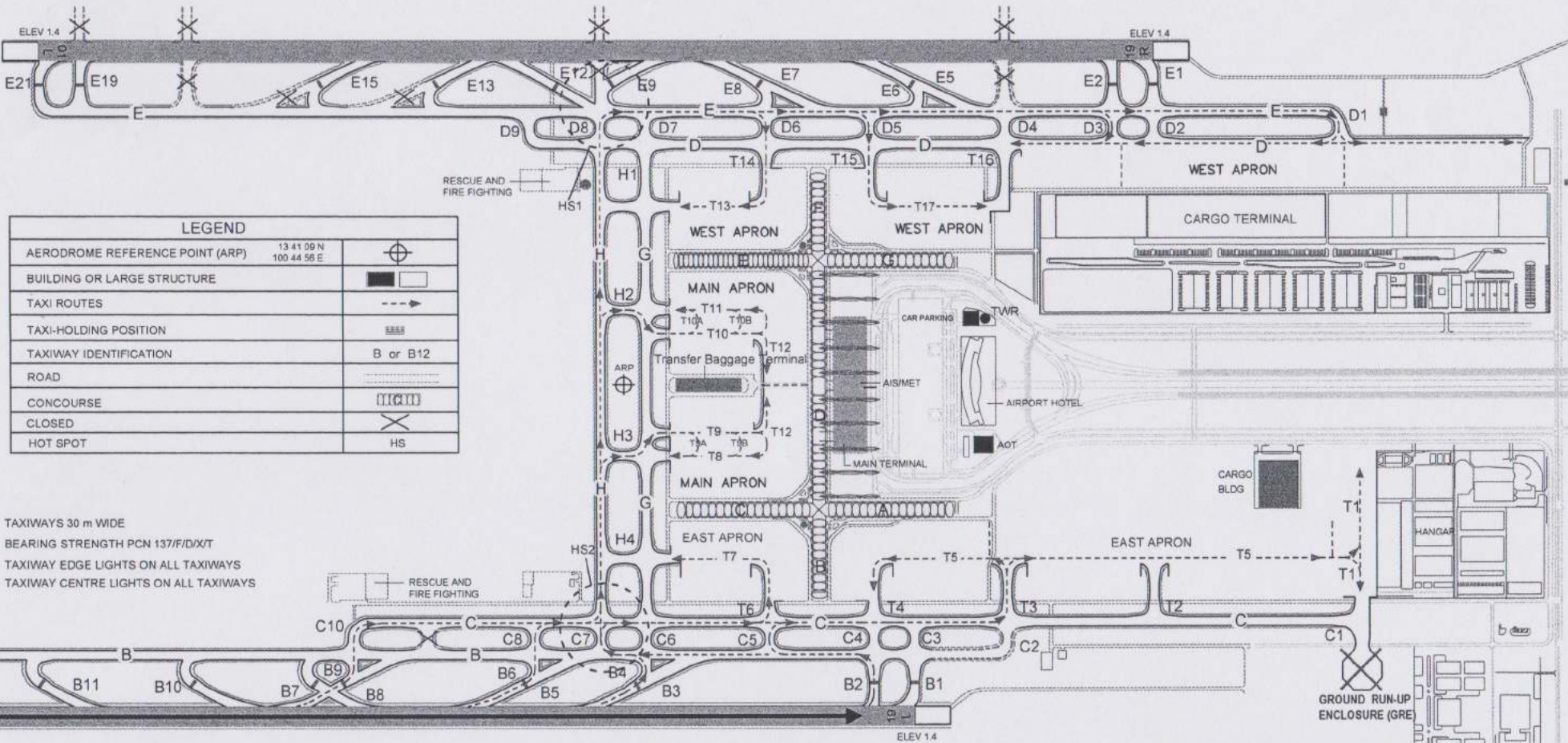
STANDARD TAXI ROUTES

INBOUND TAXI ROUTES - LANDING RUNWAY 01R

ELEVATIONS IN METRES
BEARINGS ARE MAGNETIC

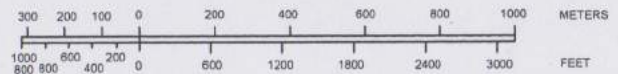
MAR VAR 0° 35' W (2016)

ANNUAL CHANGE 0° 0' E



LEGEND		
AERODROME REFERENCE POINT (ARP)	13 41 09 N 100 44 56 E	
BUILDING OR LARGE STRUCTURE		
TAXI ROUTES		
TAXI-HOLDING POSITION		
TAXIWAY IDENTIFICATION	B or B12	
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CONCOURSE		
CLOSED		
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MOVEMENT CHART - ICAO

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STANDARD TAXI ROUTES

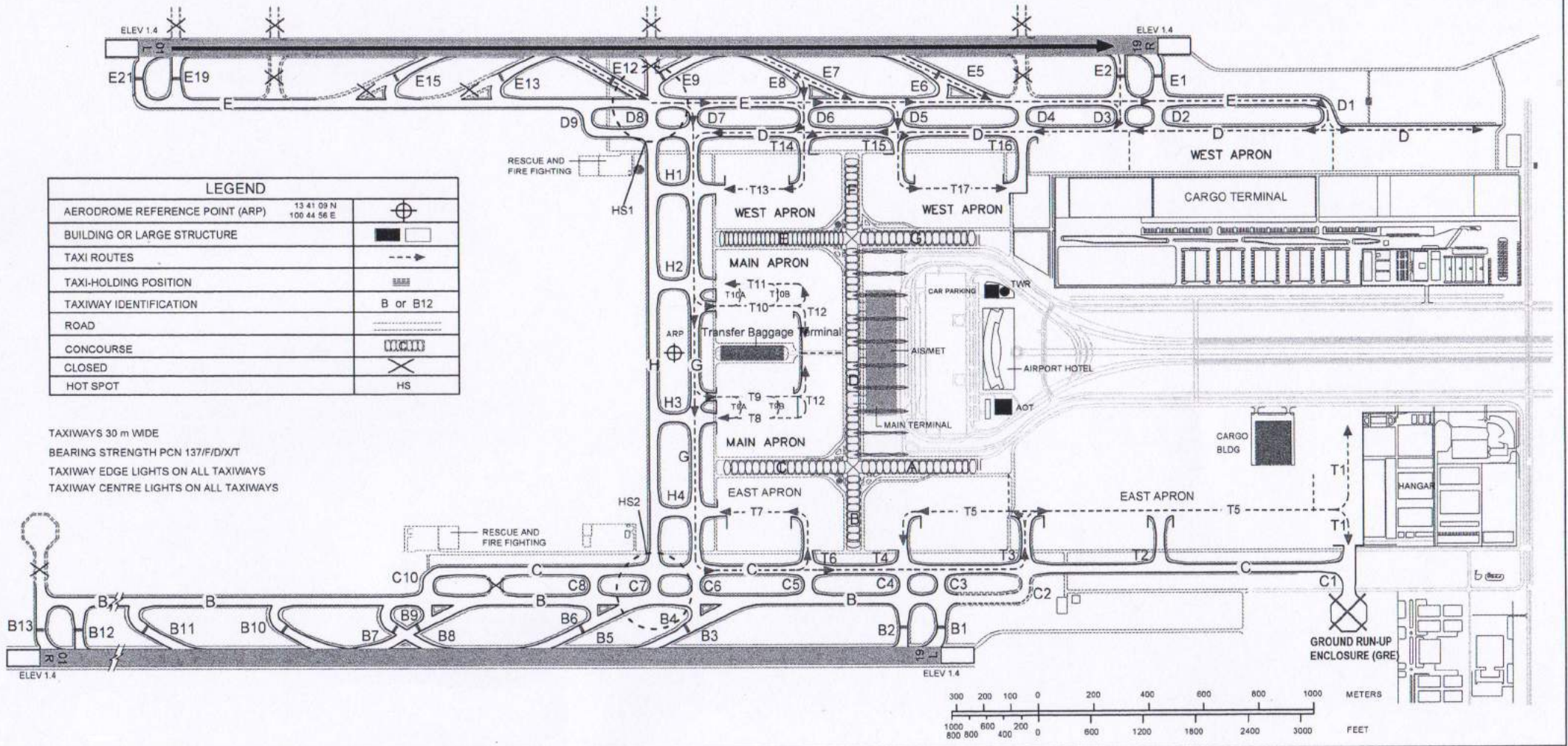
INBOUND TAXI ROUTES - LANDING RUNWAY 01L

ELEVATIONS IN METRES
BEARINGS ARE MAGNETIC

MAR VAR 0° 35' W (2016)
ANNUAL CHANGE 0° 0' E

LEGEND		
AERODROME REFERENCE POINT (ARP)	13 41 09 N 100 44 56 E	
BUILDING OR LARGE STRUCTURE		
TAXI ROUTES		
TAXI-HOLDING POSITION		
TAXIWAY IDENTIFICATION	B or B12	
ROAD		
CONCOURSE		
CLOSED		
HOT SPOT		HS

TAXIWAYS 30 m WIDE
BEARING STRENGTH PCN 137/F/D/X/T
TAXIWAY EDGE LIGHTS ON ALL TAXIWAYS
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AERODROME GROUND
MOVEMENT CHART - ICAO

APRON ELEV
1.8 m (5.9 ft)

TWR FREQ 119.0 (RWY 19R/01L)
TWR FREQ 118.2 (RWY 19L/01R)

GND FREQ 121.95 (WEST APRON)
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BANGKOK / Suvarnabhumi International

STANDARD TAXI ROUTES

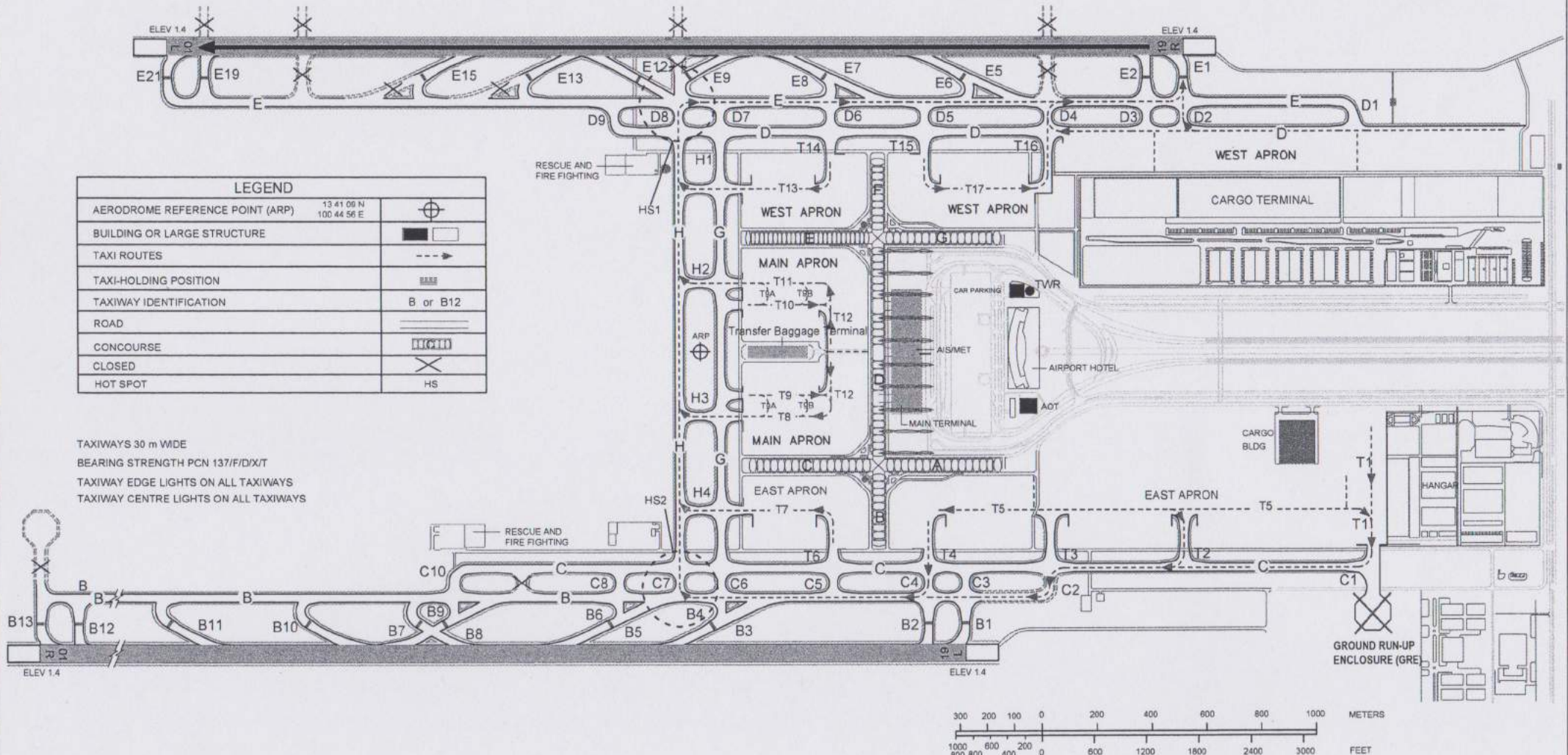
OUTBOUND TAXI ROUTES - TAKE - OFF RUNWAY 19R

ELEVATIONS IN METRES
BEARINGS ARE MAGNETIC

MAG VAR 0° 35' W (2016)
ANNUAL CHANGE 0° 0' E

LEGEND	
AERODROME REFERENCE POINT (ARP)	13 41 09 N 100 44 56 E
BUILDING OR LARGE STRUCTURE	
TAXI ROUTES	
TAXI-HOLDING POSITION	
TAXIWAY IDENTIFICATION	B or B12
ROAD	
CONCOURSE	
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HOT SPOT	HS

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MOVEMENT CHART - ICAO

APRON ELEV
1.8 m (5.9 ft)

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TWR FREQ 118.2 (RWY 19L/01R)

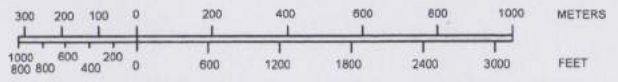
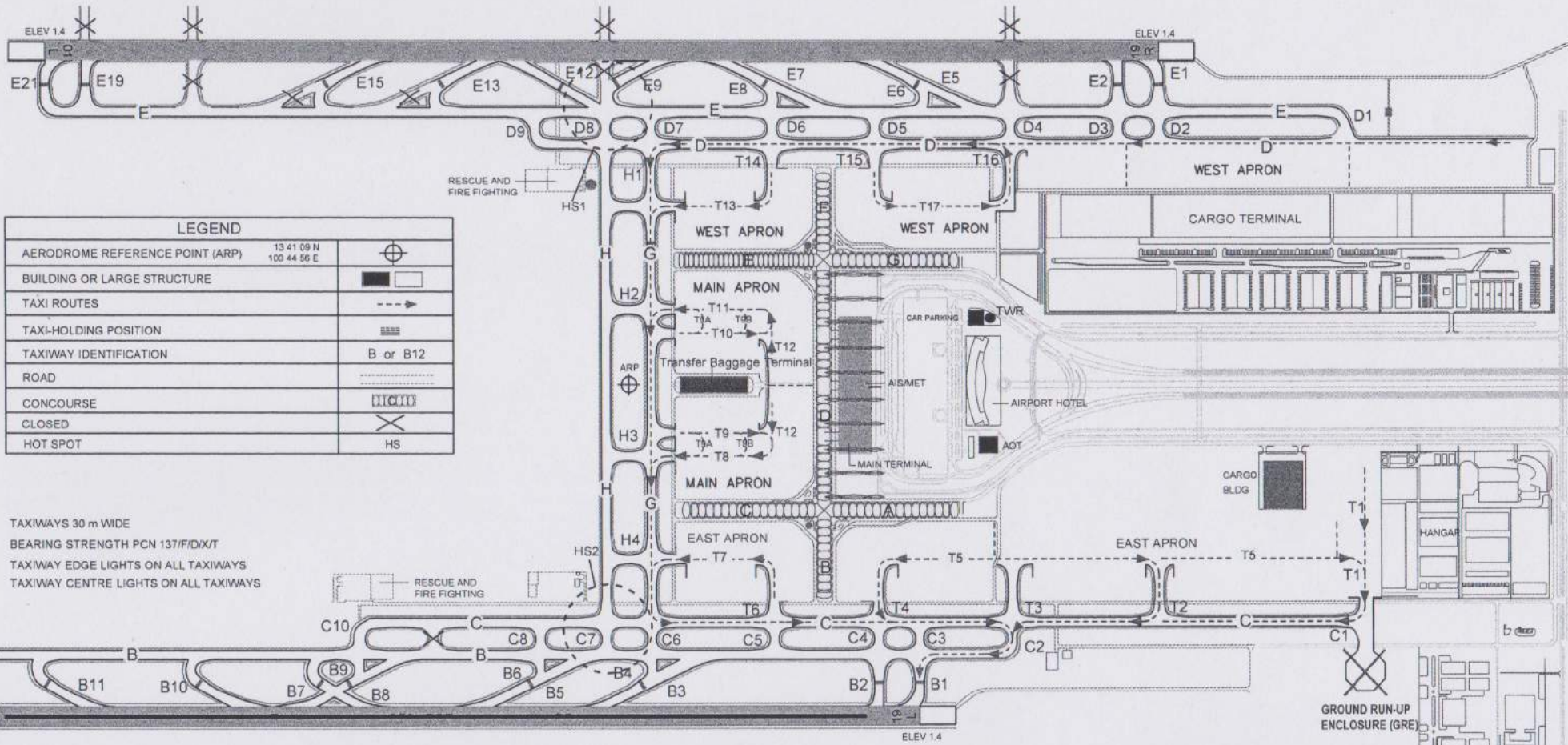
GND FREQ 121.95 (WEST APRON)
GND FREQ 121.75 (MAIN APRON)
GND FREQ 121.65 (EAST APRON)

BANGKOK / Suvarnabhumi International

STANDARD TAXI ROUTES

OUTBOUND TAXI ROUTES - TAKE - OFF RUNWAY 19L

ELEVATIONS IN METRES
BEARINGS ARE MAGNETIC
MAG VAR 0° 36' W (2016)
ANNUAL CHANGE 0° 0' E



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AERODROME GROUND
MOVEMENT CHART - ICAO

APRON ELEV
1.8 m (5.9 ft)

TWR FREQ 119.0 (RWY 19R/01L)
TWR FREQ 118.2 (RWY 19L/01R)

GND FREQ 121.95 (WEST APRON)
GND FREQ 121.75 (MAIN APRON)
GND FREQ 121.65 (EAST APRON)

BANGKOK / Suvarnabhumi International

STANDARD TAXI ROUTES

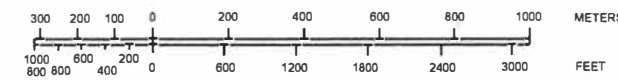
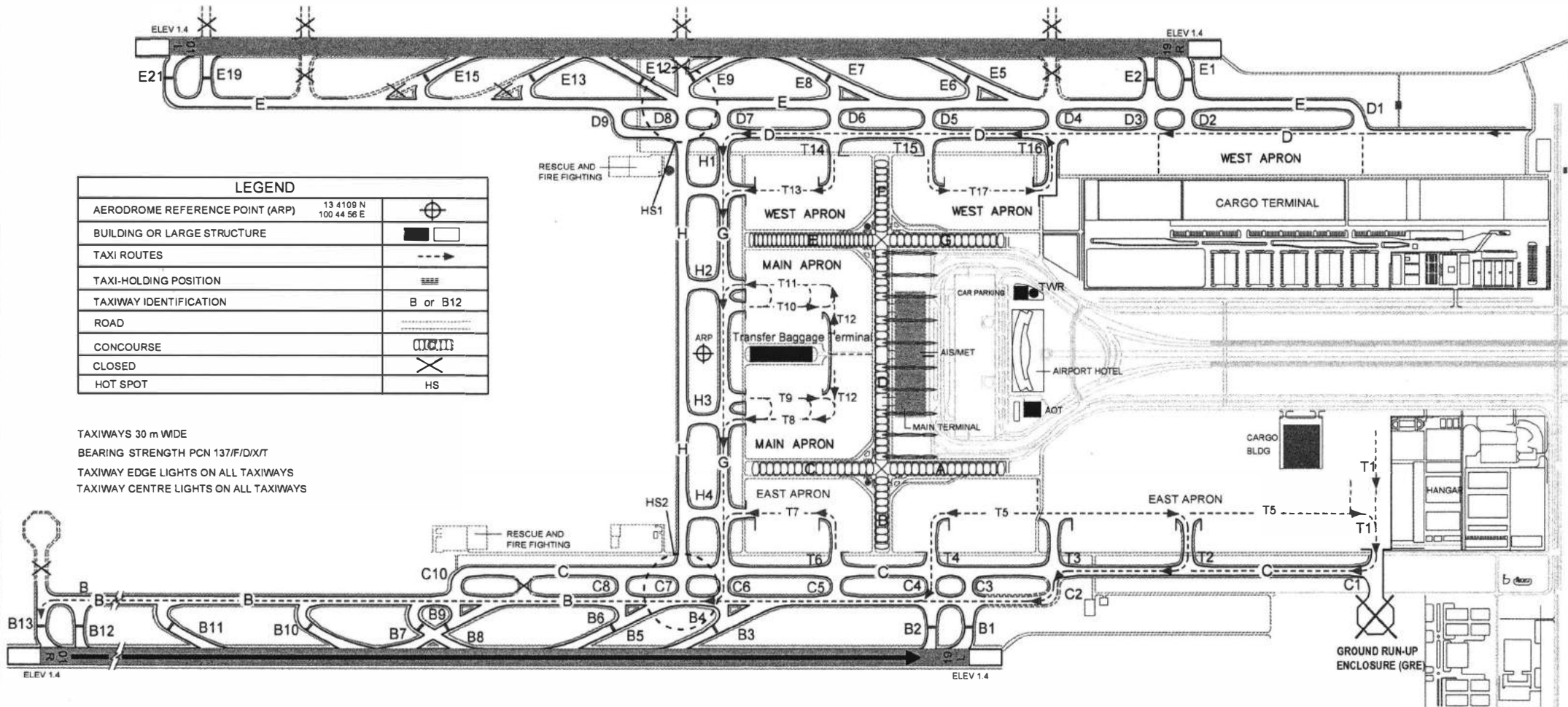
OUTBOUND TAXI ROUTES - TAKE - OFF RUNWAY 01R

ELEVATIONS IN METRES
BEARINGS ARE MAGNETIC

MAG VAR 0° 35' W (2016)
ANNUAL CHANGE 0° 0' E

LEGEND	
AERODROME REFERENCE POINT (ARP)	13 4109 N 100 44 56 E
BUILDING OR LARGE STRUCTURE	[Symbol]
TAXI ROUTES	[Symbol]
TAXI-HOLDING POSITION	[Symbol]
TAXIWAY IDENTIFICATION	B or B12
ROAD	[Symbol]
CONCOURSE	[Symbol]
CLOSED	[Symbol]
HOT SPOT	HS

TAXIWAYS 30 m WIDE
BEARING STRENGTH PCN 137/F/D/X/T
TAXIWAY EDGE LIGHTS ON ALL TAXIWAYS
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AERODROME GROUND
MOVEMENT CHART - ICAO

APRON ELEV
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OUTBOUND TAXI ROUTES - TAKE - OFF RUNWAY 01L

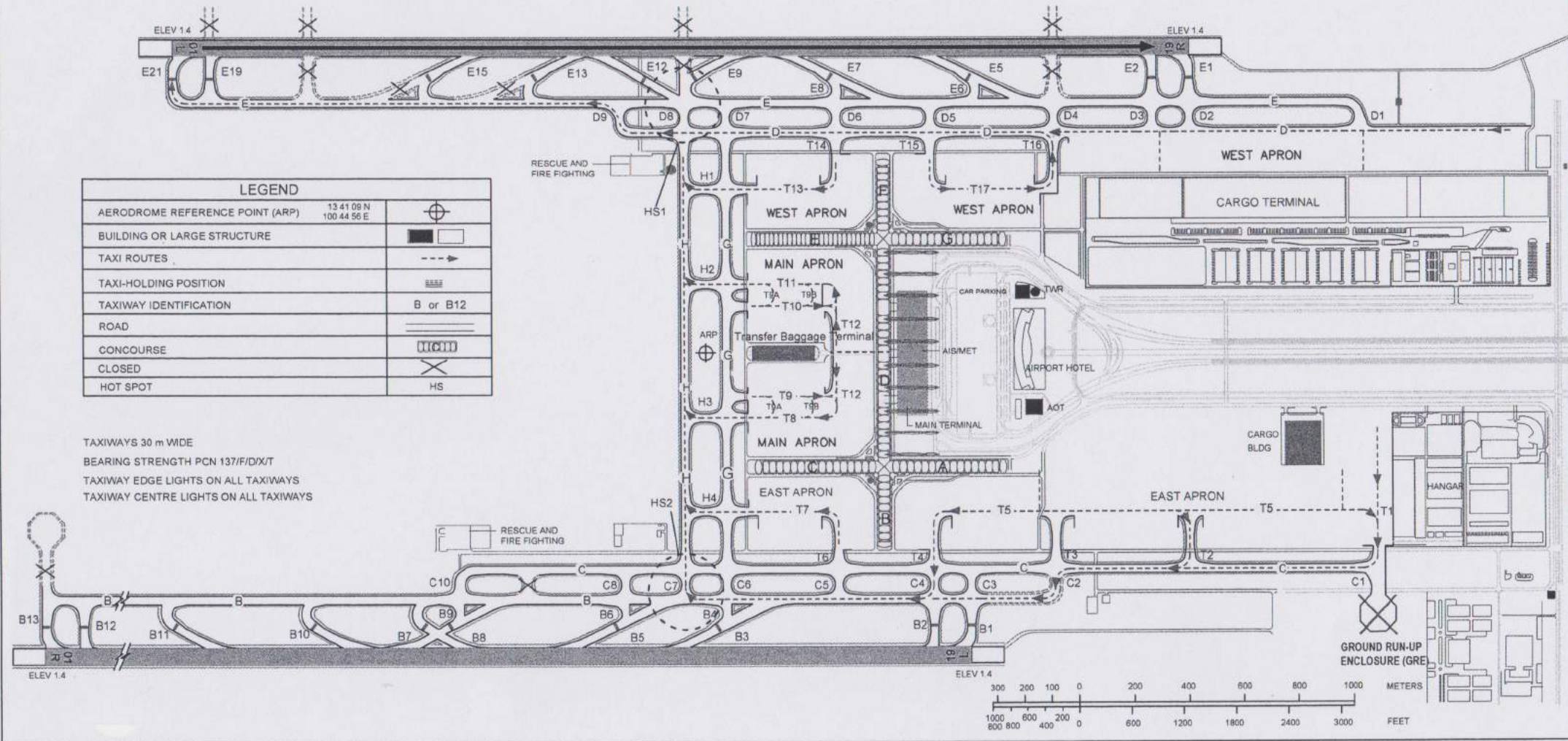
ELEVATIONS IN METRES
BEARINGS ARE MAGNETIC

MAG VAR 0° 35' W (2016)

ANNUAL CHANGE 0° 0' E

LEGEND		
AERODROME REFERENCE POINT (ARP)	13 41 09 N 100 44 56 E	
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TAXI ROUTES		
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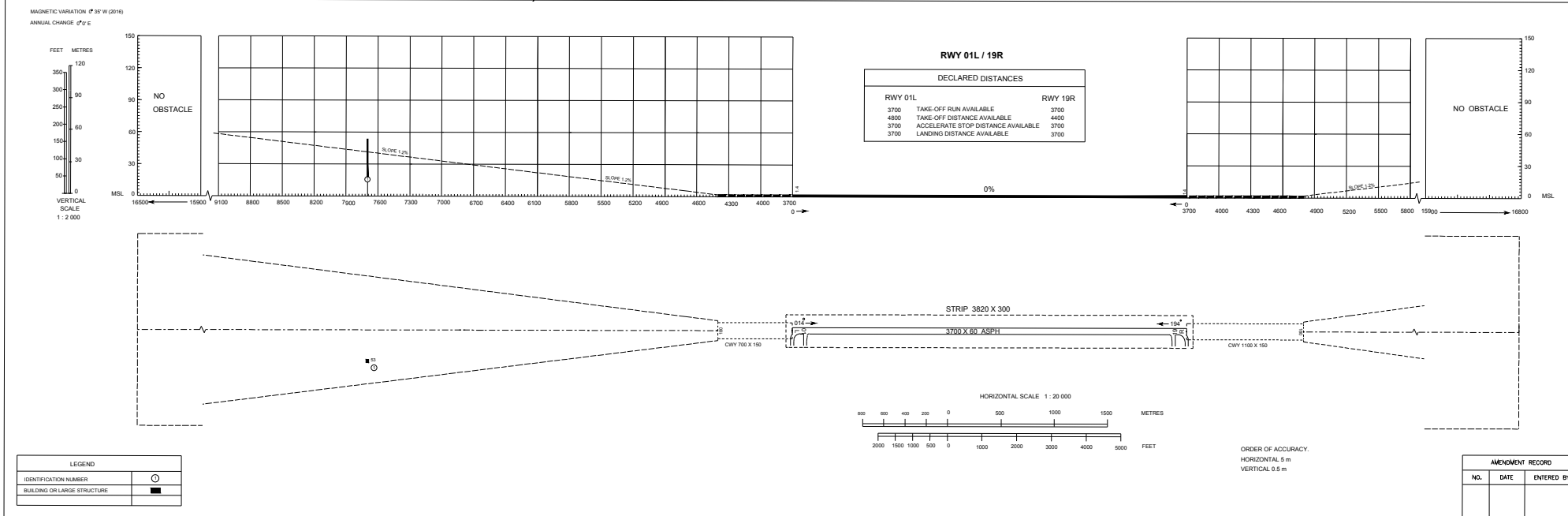


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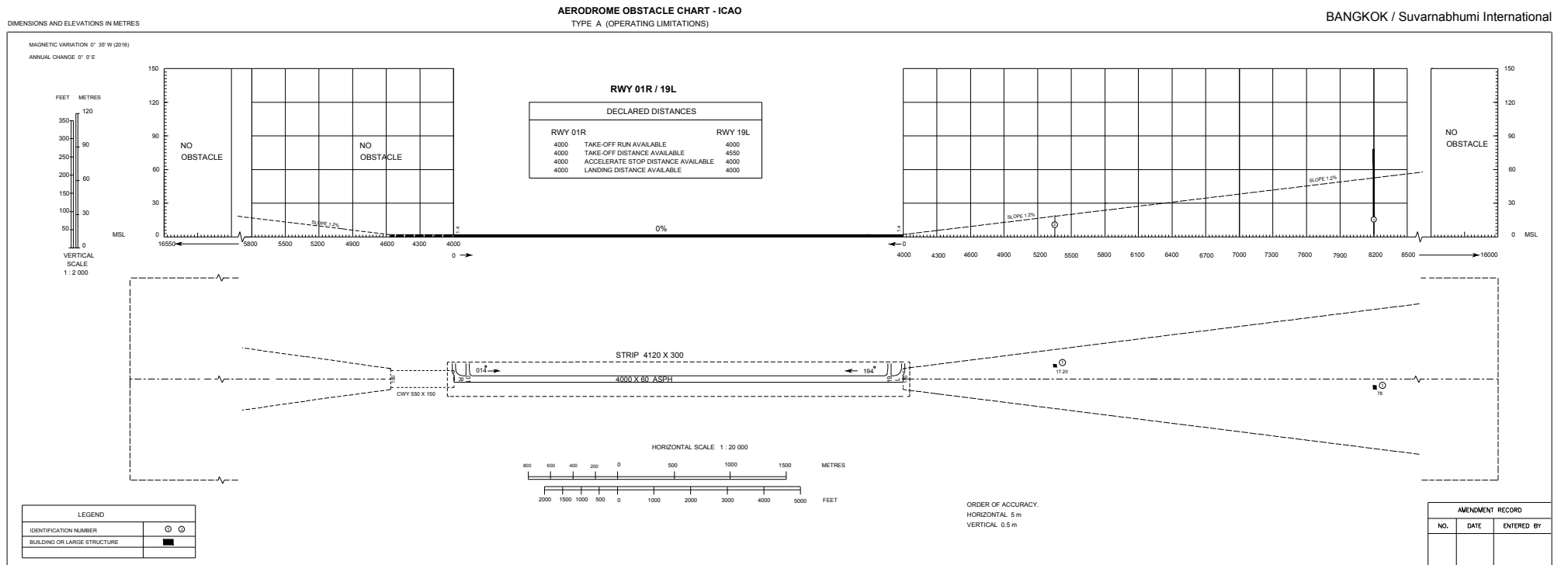
AERODROME OBSTACLE CHART - ICAO
TYPE A (OPERATING LIMITATIONS)

BANGKOK / Suvarnabhumi International

DIMENSIONS AND ELEVATIONS IN METRES



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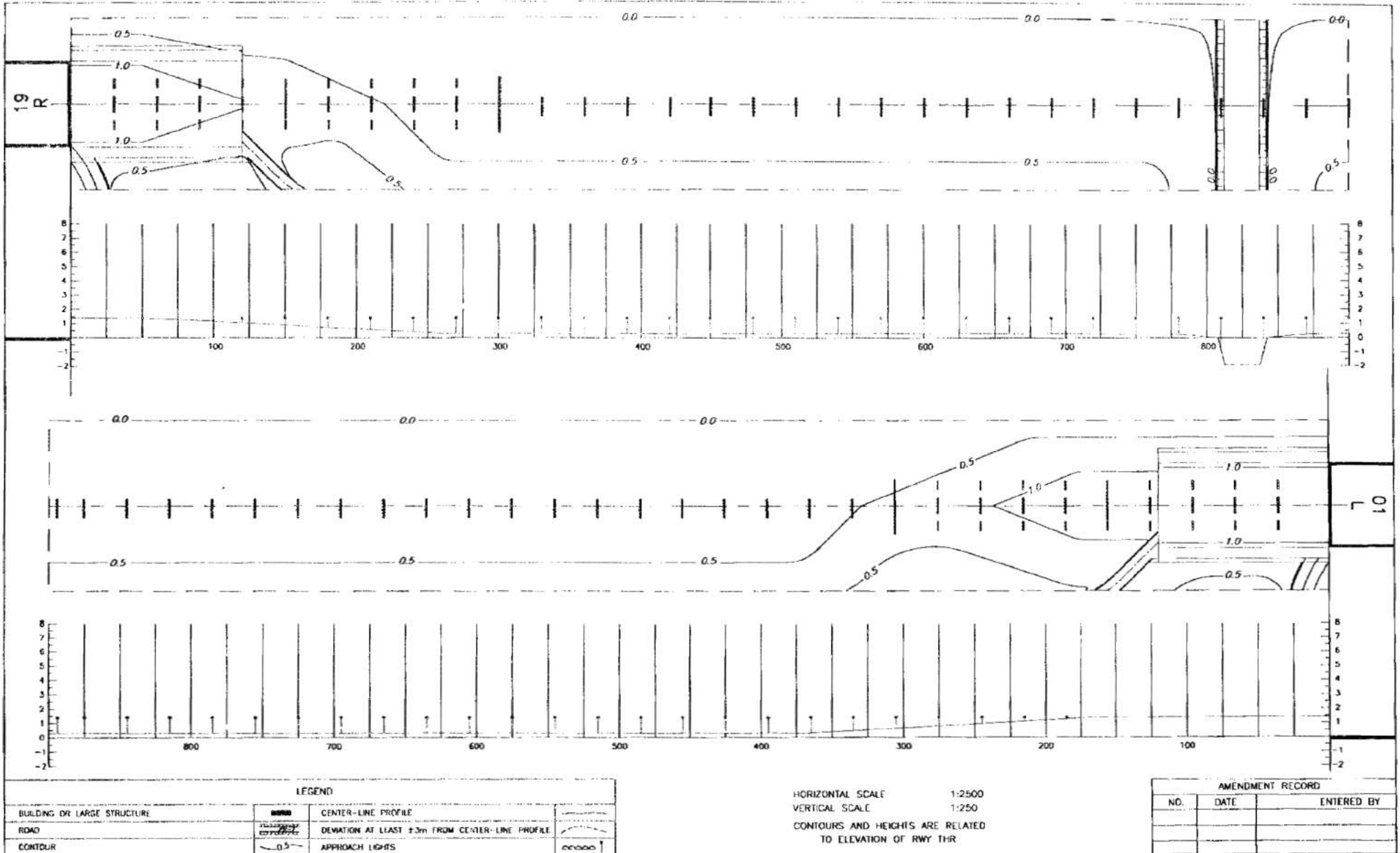


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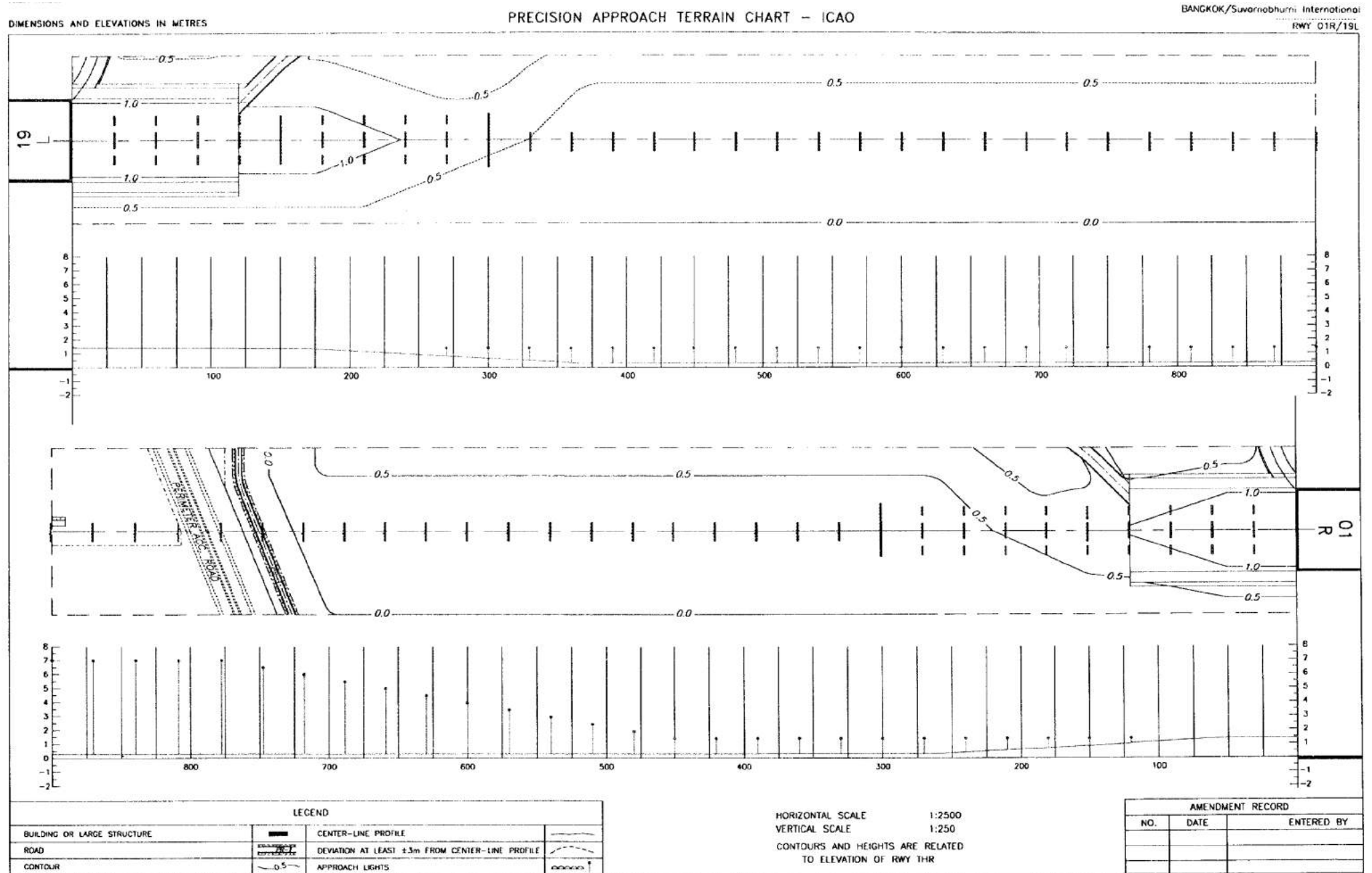
DIMENSIONS AND ELEVATIONS IN METRES

PRECISION APPROACH TERRAIN CHART - ICAO

BANGKOK/Suvarnabhumi International
RWY01L/19R



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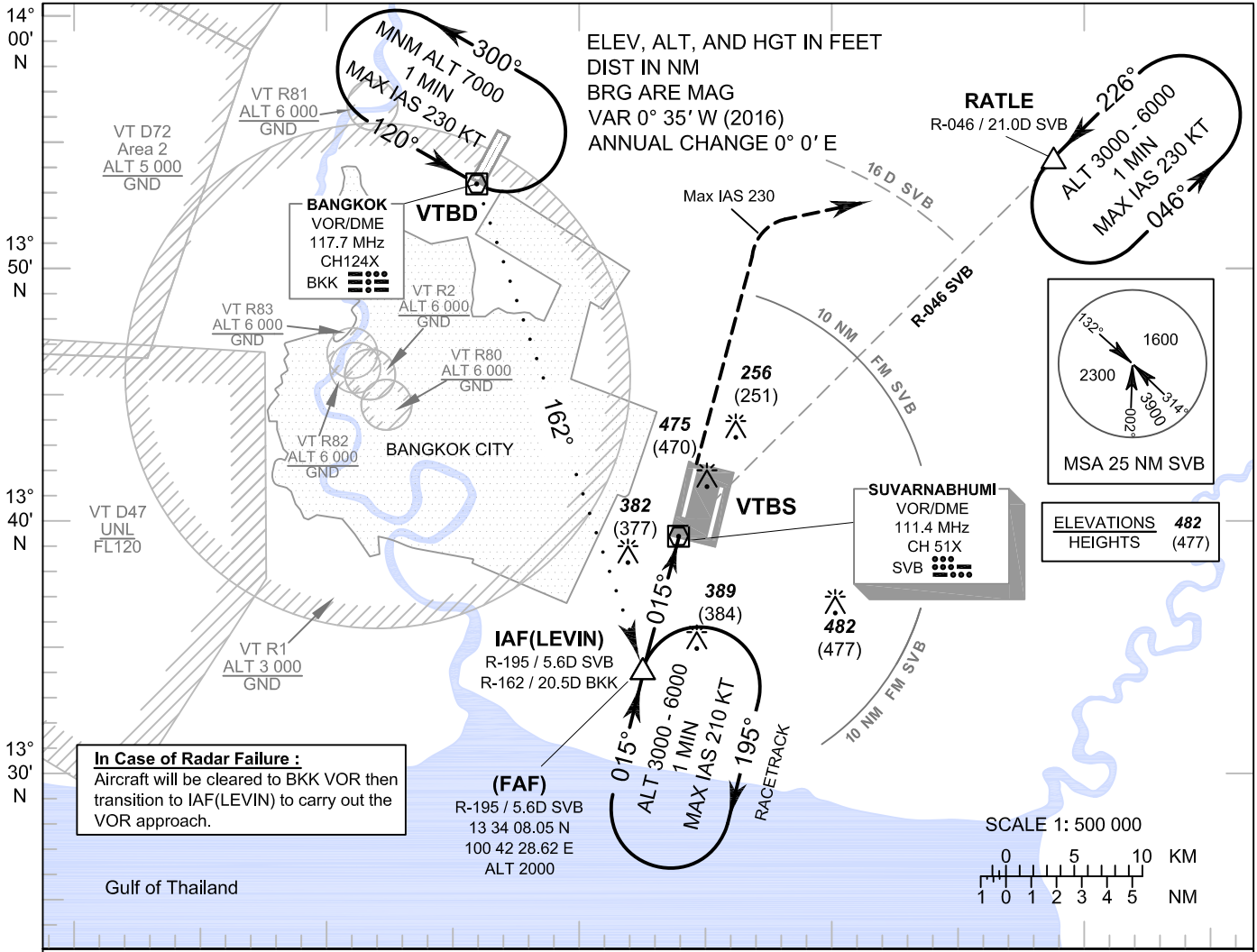
**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
AERODROME ELEV**

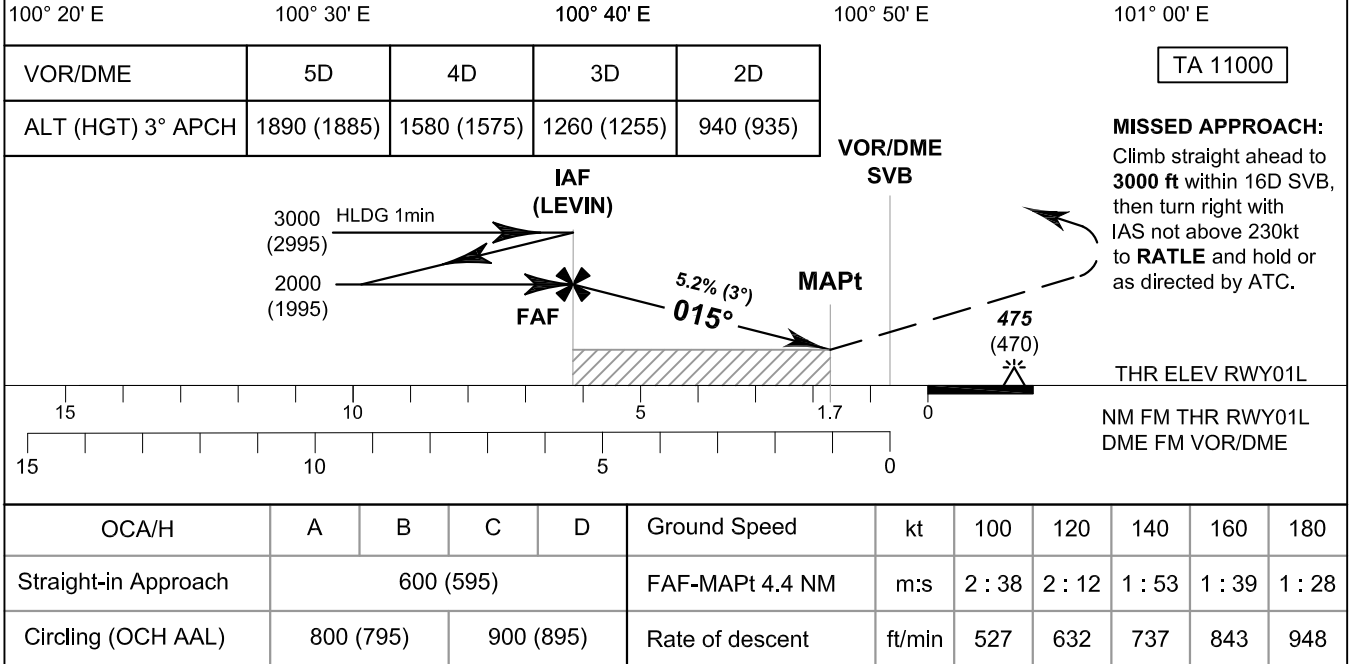
APP : 119.1, 262.5
: 120.3, 262.5
: 121.7, 262.5
: 122.35, 262.5
: 124.35, 262.5
: 125.2, 262.5
ARR : 121.1
: 126.3
TWR : 118.2, 274.5
: 119.0
ATIS : 133.6, 278.6

BANGKOK / Suvarnabhumi Intl (VTBS)

VOR RWY01L



CHANGE: DME, RADIALS, MSA, MAG VAR, FREQUENCIES, VT R82 AND VT R83 ADDED.



**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
AERODROME ELEV**

BANGKOK / Suvarnabhumi Intl (VTBS)

VOR RWY01L

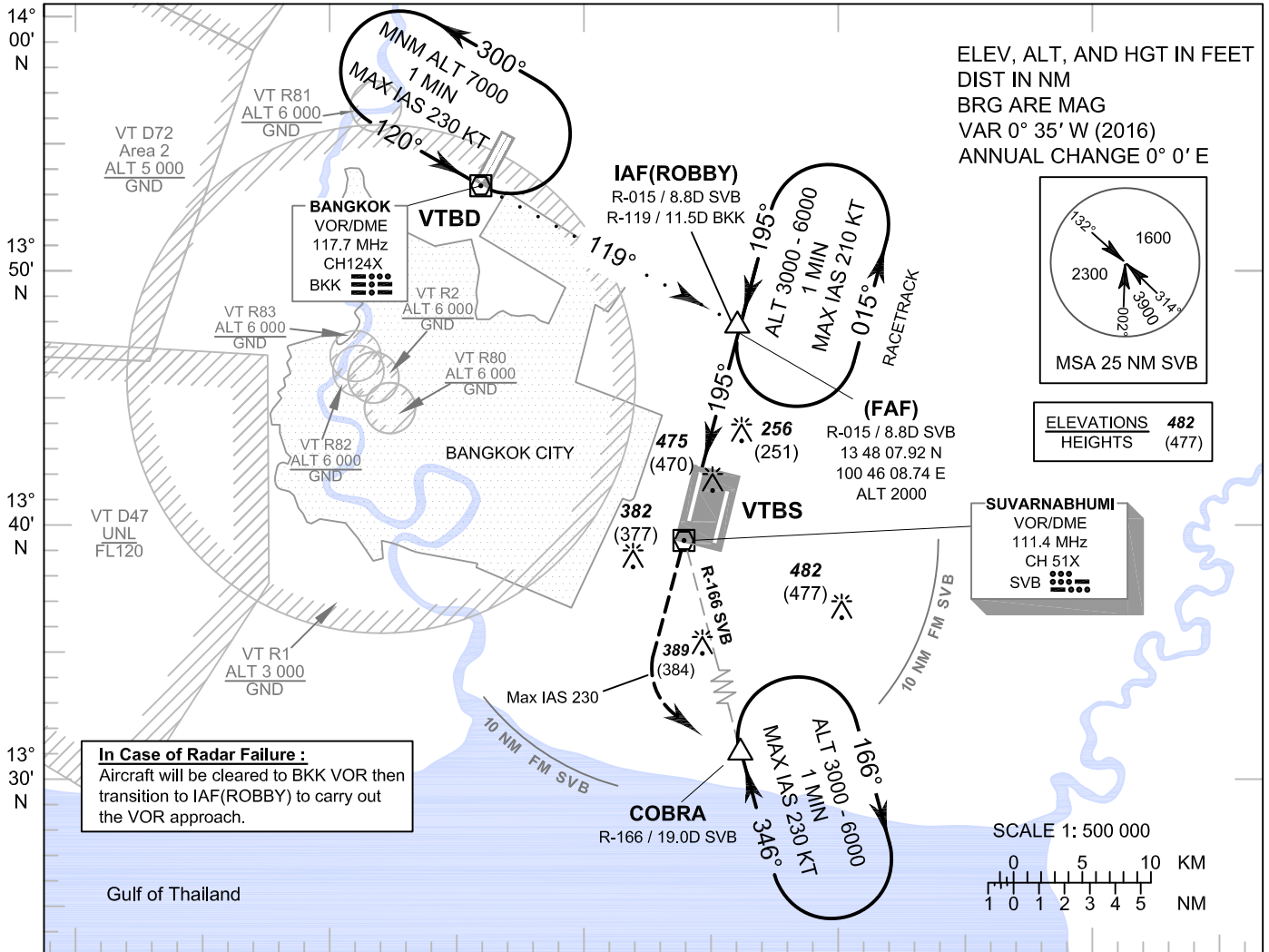
Facility	Latitude	Longitude
VOR/DME (SVB)	13° 39' 32.50" N	100° 43' 53.20" E
VOR/DME (BKK)	13° 53' 36.80" N	100° 35' 46.30" E
IAF (LEVIN)	13° 34' 08.05" N	100° 42' 28.62" E
RATLE	13° 54' 26.87" N	100° 59' 09.24" E

**INSTRUMENT
APPROACH
CHART - ICAO**

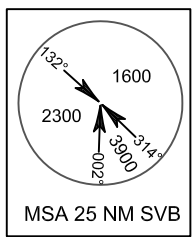
**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
AERODROME ELEV**

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

**BANGKOK / Suvarnabhumi Intl (VTBS)
VOR RWY19R**

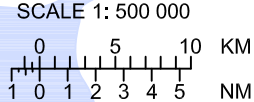


In Case of Radar Failure :
Aircraft will be cleared to BKK VOR then transition to IAF(ROBBY) to carry out the VOR approach.



**ELEVATIONS 482
HEIGHTS (477)**

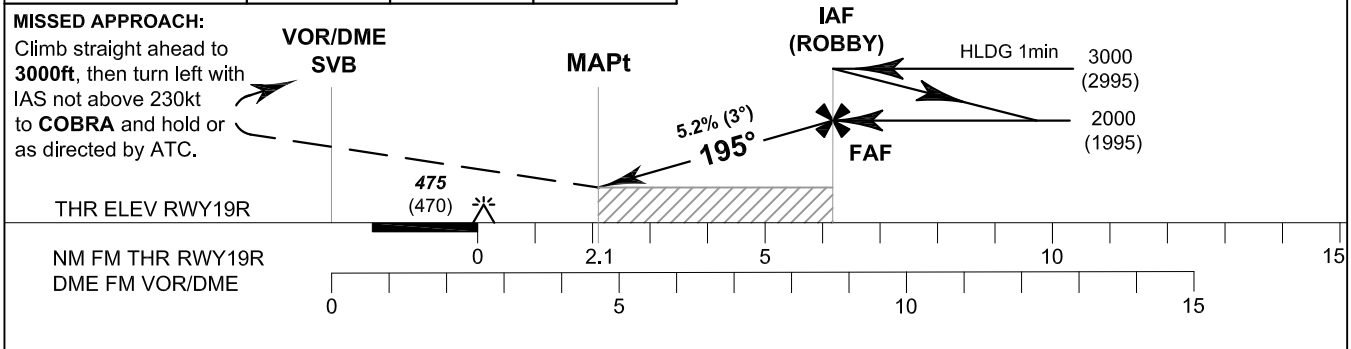
SUVARNABHUMI
VOR/DME
111.4 MHz
CH 51X
SVB



100° 20' E 100° 30' E 100° 40' E 100° 50' E 101° 00' E

VOR/DME	5D	6D	7D
ALT (HGT) 3° APCH	790 (785)	1100 (1095)	1420 (1415)

TA 11000



OCA/H	A	B	C	D	Ground Speed	kt	100	120	140	160	180
Straight-in Approach	730 (725)				FAF-MAPt 4.0 NM	m:s	2 : 24	2 : 00	1 : 43	1 : 30	1 : 20
Circling (OCH AAL)	800 (795)		900 (895)		Rate of descent	ft/min	527	632	737	843	948

CHANGE: DME, RADIALS, MSA, MAG VAR, FREQUENCIES, VT R82 AND VT R83 ADDED.

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
AERODROME ELEV**

BANGKOK / Suvarnabhumi Intl (VTBS)

VOR RWY19R

Facility	Latitude	Longitude
VOR/DME (SVB)	13° 39' 32.50" N	100° 43' 53.20" E
VOR/DME (BKK)	13° 53' 36.80" N	100° 35' 46.30" E
IAF (ROBBY)	13° 48' 07.92" N	100° 46' 08.74" E
COBRA	13° 21' 06.47" N	100° 48' 55.85" E

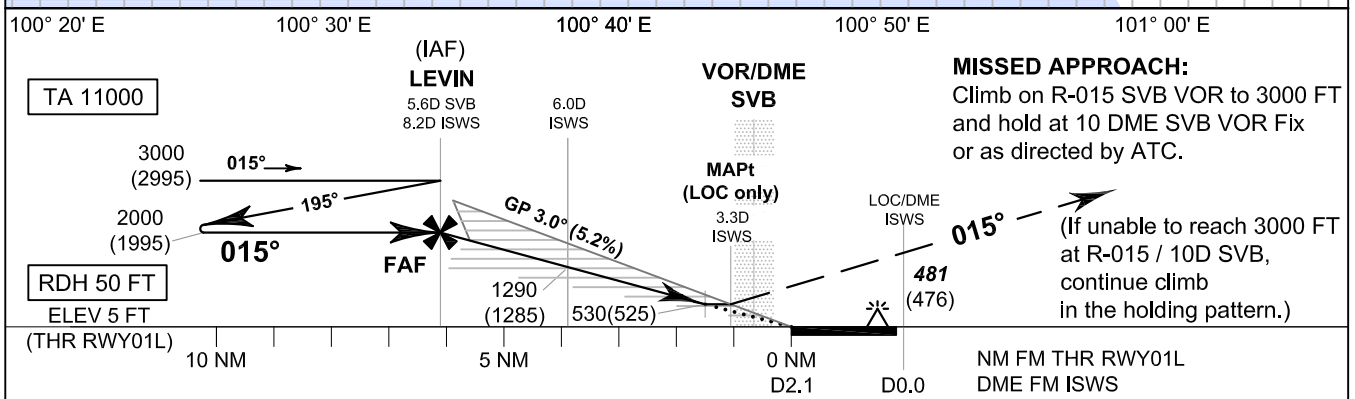
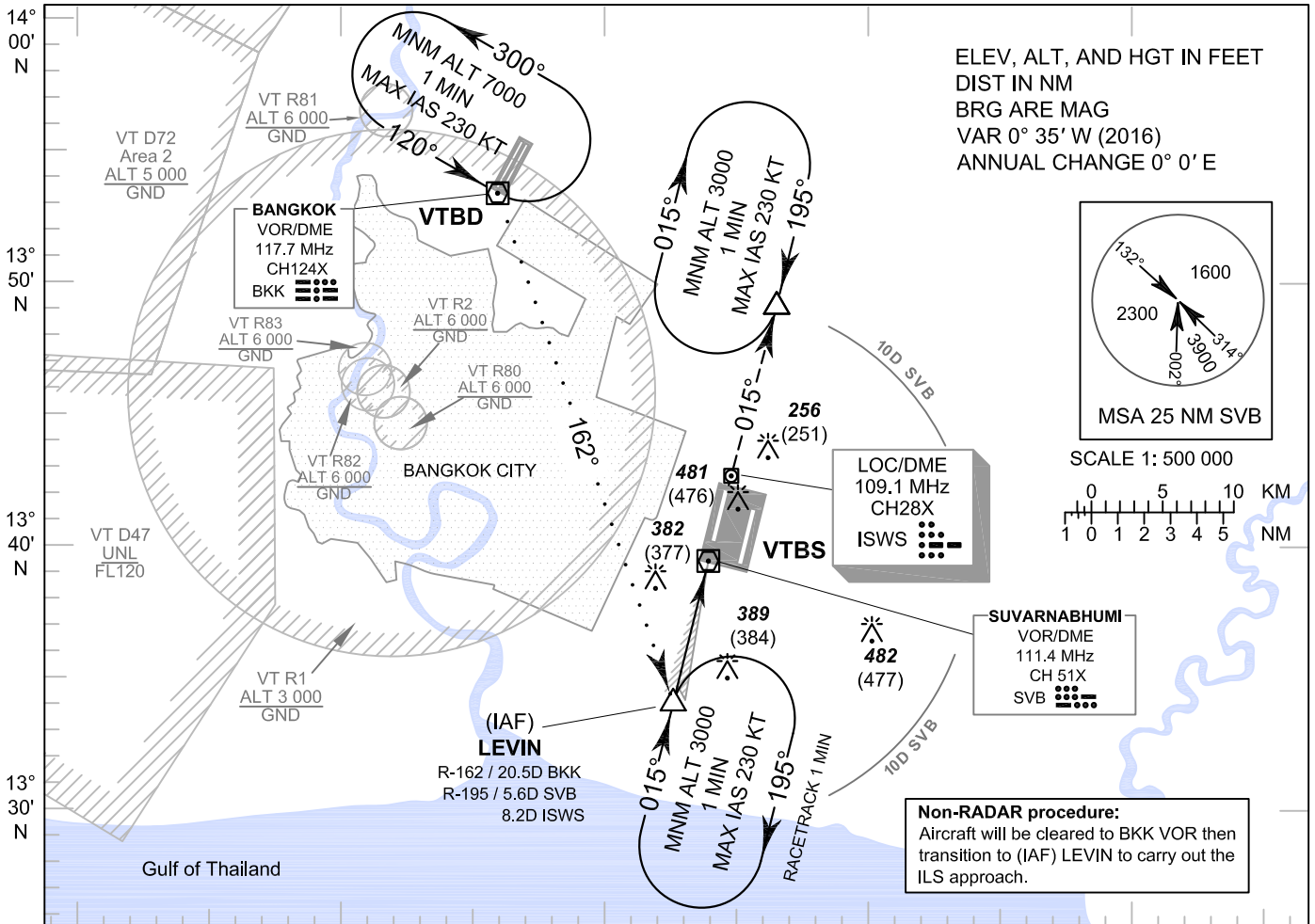
**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY01L - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

**ILS or LOC y RWY01L
CAT II**

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



OCA/H		A	B	C	D	ISWS DME	FAF	8.0	7.0	6.0	5.0	4.0	MAPt	
Straight-in Approach	CAT I	230 (225)*				Altitudes	2000	1920	1610	1290	970	650	530	
	CAT II	105 (100)**				Speed / Knots	100				120	140	160	180
LOC only		530 (525)				FAF-MAPt	2 : 56				2 : 27	2 : 06	1 : 50	1 : 38
Circling (OCH AAL)		800 (795)		900 (895)		Rate of descent (ft/min)		530		640	745	850	955	

*These procedures require a missed approach climb gradient of 5% (304 FT/NM) until passing ALT 1000 FT. For aircraft which only achieve a 2.5% (152 FT/NM) climb gradient, the CAT I OCA (OCH) is 370 (365) FT

**These procedures require a missed approach climb gradient of 4% (243 FT/NM) until passing ALT 1000 FT. For aircraft which only achieve a 2.5% (152 FT/NM) climb gradient, the CAT II OCA (OCH) is 295 (290) FT

CHANGE: REALIGNMENT. MISSED APPROACH INSTRUCTION.

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY01L - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

**ILS or LOC y RWY01L
CAT II**

FIX / POINT		COORDINATES	
(IAF) LEVIN	8.2D ISWS	13° 34' 08.05" N	100° 42' 28.62" E
LOC/DME	ISWS	13° 42' 22.30" N	100° 44' 37.80" E
GP	ISWS	13° 40' 27.80" N	100° 44' 03.60" E
VOR/DME	SVB	13° 39' 32.50" N	100° 43' 53.20" E
VOR/DME	BKK	13° 53' 36.80" N	100° 35' 46.30" E

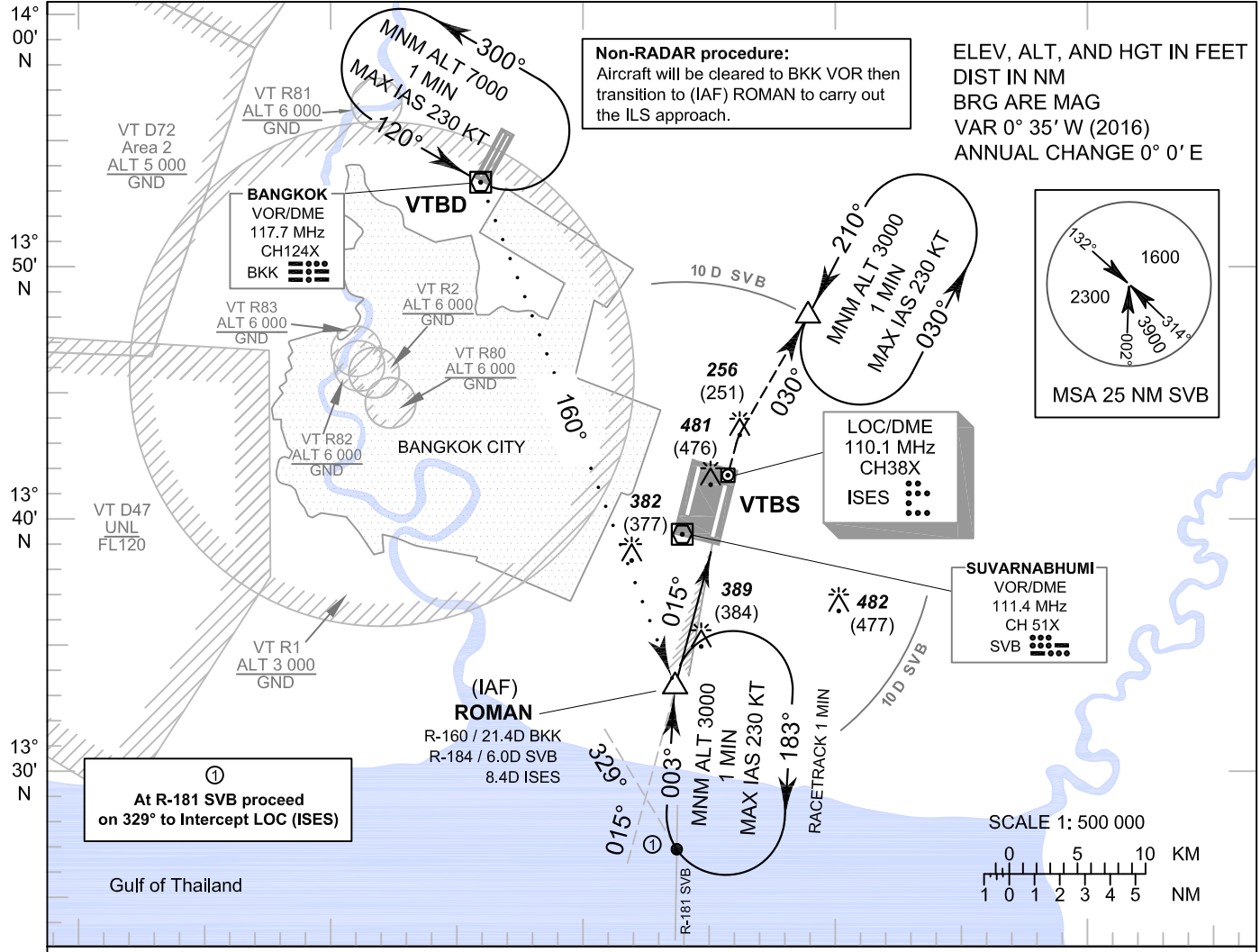
**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY01R - ELEV 5 FT**

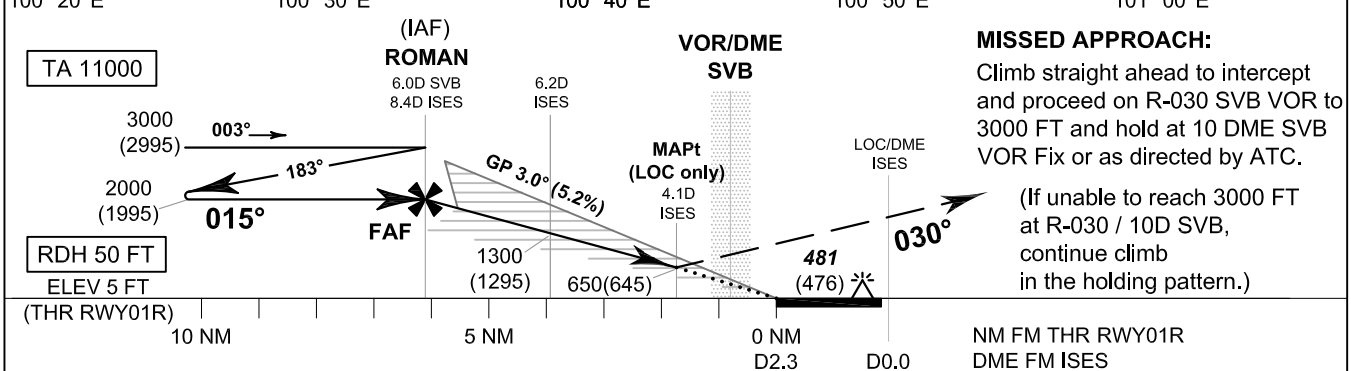
BANGKOK / Suvarnabhumi Intl (VTBS)

**ILS or LOC y RWY01R
CAT II**

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



CHANGE: REALIGNMENT. MISSED APPROACH INSTRUCTION.



OCA/H		A	B	C	D	ISES DME	FAF	8.0	7.0	6.0	5.0	MAPt
Straight-in Approach	CAT I	205 (200)				Altitudes	2000	1870	1550	1240	920	650
	CAT II	105 (100)				Speed / Knots		100	120	140	160	180
LOC only		650 (645)				FAF-MAPt 4.3 NM		2 : 35	2 : 09	1 : 50	1 : 36	1 : 26
Circling (OCH AAL)		800 (795)	900 (895)		Rate of descent (ft/min)		530	640	745	850	955	

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY01R - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

**ILS or LOC y RWY01R
CAT II**

FIX / POINT		COORDINATES	
(IAF) ROMAN	8.4D ISES	13° 33' 29.40" N	100° 43' 33.00" E
LOC/DME	ISES	13° 41' 39.30" N	100° 45' 42.10" E
GP	ISES	13° 39' 33.40" N	100° 45' 13.10" E
VOR/DME	SVB	13° 39' 32.50" N	100° 43' 53.20" E
VOR/DME	BKK	13° 53' 36.80" N	100° 35' 46.30" E

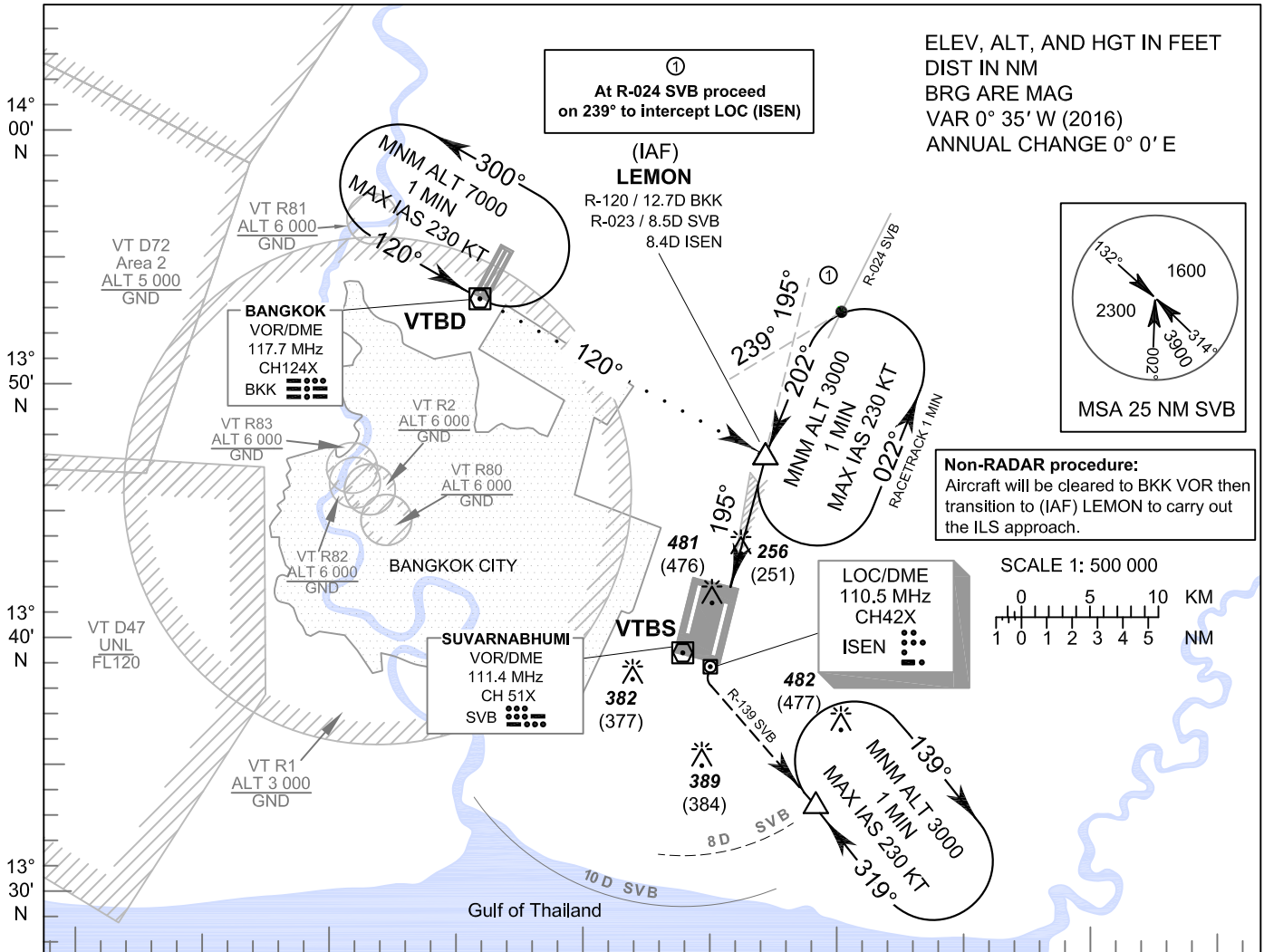
**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY19L - ELEV 5 FT**

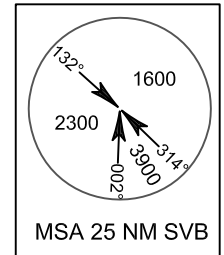
APP : 119.1, 262.5
: 120.3, 262.5
: 121.7, 262.5
: 122.35, 262.5
: 124.35, 262.5
: 125.2, 262.5
ARR : 121.1
: 126.3
TWR : 118.2, 274.5
: 119.0
ATIS : 133.6, 278.6

BANGKOK / Suvarnabhumi Intl (VTBS)

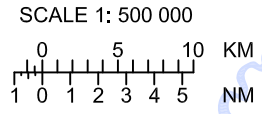
**ILS or LOC y RWY19L
CAT II**



ELEV, ALT, AND HGT IN FEET
DIST IN NM
BRG ARE MAG
VAR 0° 35' W (2016)
ANNUAL CHANGE 0° 0' E



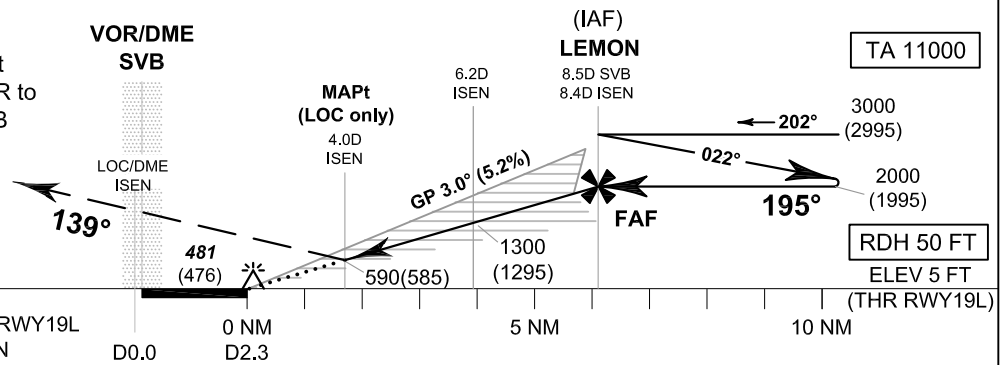
Non-RADAR procedure:
Aircraft will be cleared to BKK VOR then transition to (IAF) LEMON to carry out the ILS approach.



CHANGE: REALIGNMENT. MISSED APPROACH INSTRUCTION. LEMON RADIAL.

MISSED APPROACH:

Climb straight ahead to intercept and proceed on R-139 SVB VOR to 3000 FT and hold at 8 DME SVB VOR Fix or as directed by ATC.
(If unable to reach 3000 FT at R-139 / 8D SVB, continue climb in the holding pattern.)



	NM FM THR RWY19L											
	DME FM ISEN	D0.0	0 NM	D2.3		5 NM		10 NM				

OCA/H		A	B	C	D	ISEN DME	MAPt	5.0	6.0	7.0	8.0	FAF
Straight-in Approach	CAT I	205 (200)				Altitudes	590	920	1240	1550	1870	2000
	CAT II	105 (100)				Speed / Knots		100	120	140	160	180
LOC only		590 (585)				FAF - MAPt 4.4 NM		2 : 38	2 : 12	1 : 53	1 : 39	1 : 28
Circling (OCH AAL)		800 (795)	900 (895)		Rate of descent (ft/min)		530	640	745	850	955	

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY19L - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

**ILS or LOC y RWY19L
CAT II**

FIX / POINT		COORDINATES	
(IAF) LEMON	8.4D ISEN	13° 47' 24.60" N	100° 47' 12.60" E
LOC/DME	ISEN	13° 39' 15.00" N	100° 45' 04.20" E
GP	ISEN	13° 41' 19.00" N	100° 45' 40.90" E
VOR/DME	SVB	13° 39' 32.50" N	100° 43' 53.20" E
VOR/DME	BKK	13° 53' 36.80" N	100° 35' 46.30" E

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY19R - ELEV 5 FT**

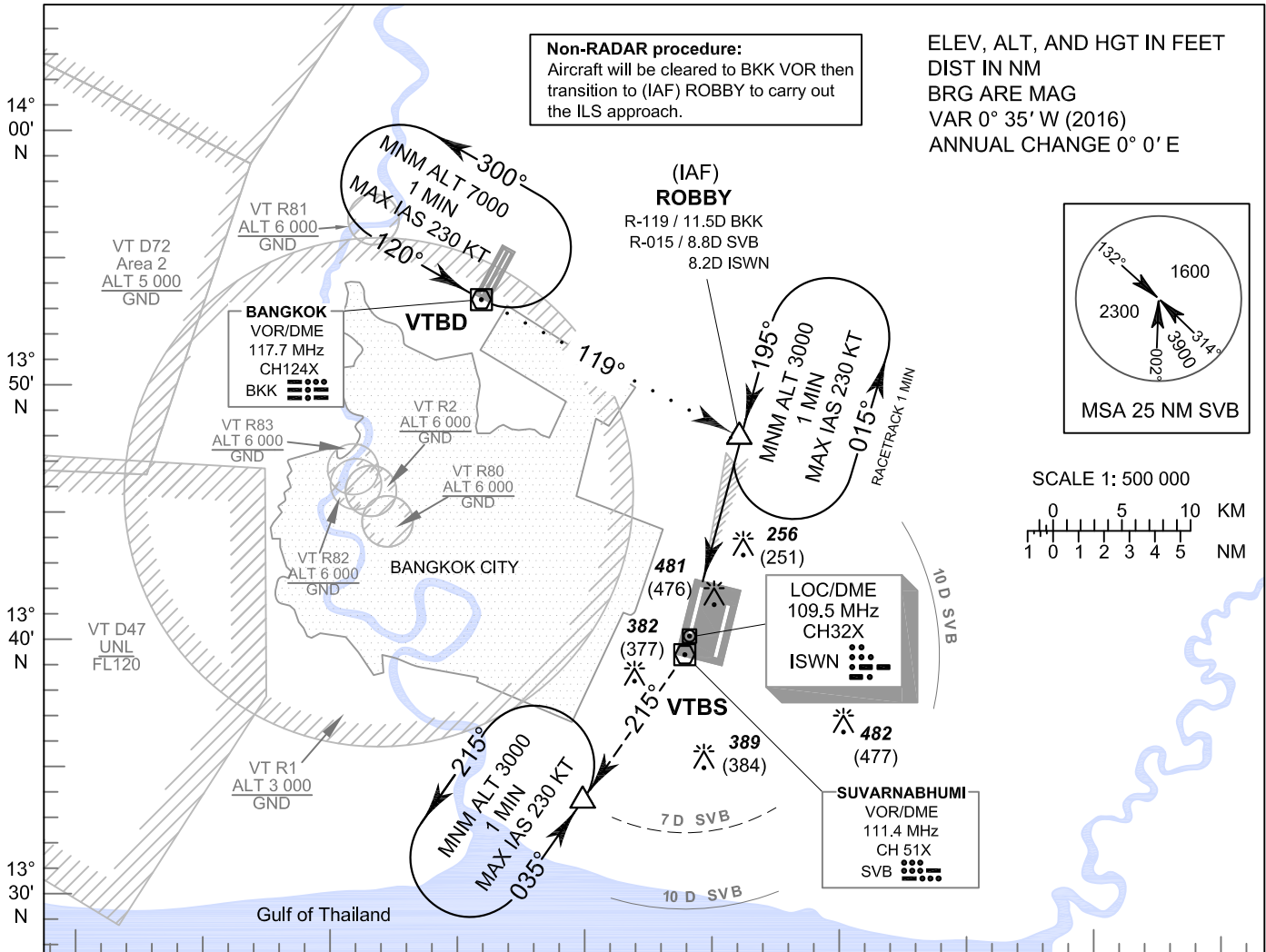
APP : 119.1, 262.5
: 120.3, 262.5
: 121.7, 262.5
: 122.35, 262.5
: 124.35, 262.5
: 125.2, 262.5
ARR : 121.1
: 126.3
TWR : 118.2, 274.5
: 119.0
ATIS : 133.6, 278.6

BANGKOK / Suvarnabhumi Intl (VTBS)

**ILS or LOC y RWY19R
CAT II**

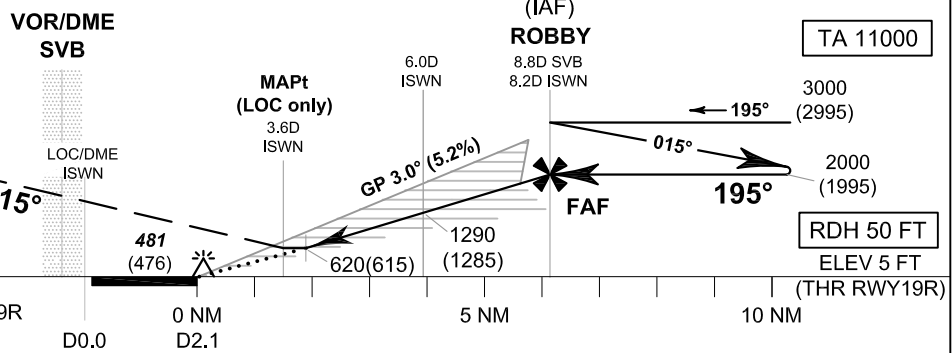
Non-RADAR procedure:
Aircraft will be cleared to BKK VOR then transition to (IAF) ROBBY to carry out the ILS approach.

ELEV, ALT, AND HGT IN FEET
DIST IN NM
BRG ARE MAG
VAR 0° 35' W (2016)
ANNUAL CHANGE 0° 0' E



MISSED APPROACH:

Climb straight ahead to SVB VOR, turn right on R-215 SVB VOR to 3000 FT and hold at 7 DME SVB VOR Fix or as directed by ATC.
(If unable to reach 3000 FT at R-215 / 7D SVB, continue climb in the holding pattern.)



CHANGE: REALIGNMENT. MISSED APPROACH INSTRUCTION.

		NM FM THR RWY19R				DME FM ISWN								
		D0.0				D2.1								
		0 NM				5 NM		10 NM						
		OCA/H	A	B	C	D	ISWN DME	MAPt	4.0	5.0	6.0	7.0	8.0	FAF
Straight-in Approach	CAT I	205 (200)				Altitudes		620	650	970	1290	1610	1920	2000
	CAT II	105 (100)				Speed / Knots		100 120 140 160 180						
LOC only		620 (615)				FAF - MAPt 4.6 NM		2 : 45 2 : 18 1 : 58 1 : 43 1 : 32						
Circling (OCH AAL)		800 (795)		900 (895)		Rate of descent (ft/min)		530 640 745 850 955						

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY19R - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

**ILS or LOC y RWY19R
CAT II**

FIX / POINT		COORDINATES	
(IAF) ROBBY	8.2D ISWN	13° 48' 07.92" N	100° 46' 08.74" E
LOC/DME	ISWN	13° 40' 07.50" N	100° 44' 02.40" E
GP	ISWN	13° 42' 03.90" N	100° 44' 28.90" E
VOR/DME	SVB	13° 39' 32.50" N	100° 43' 53.20" E
VOR/DME	BKK	13° 53' 36.80" N	100° 35' 46.30" E

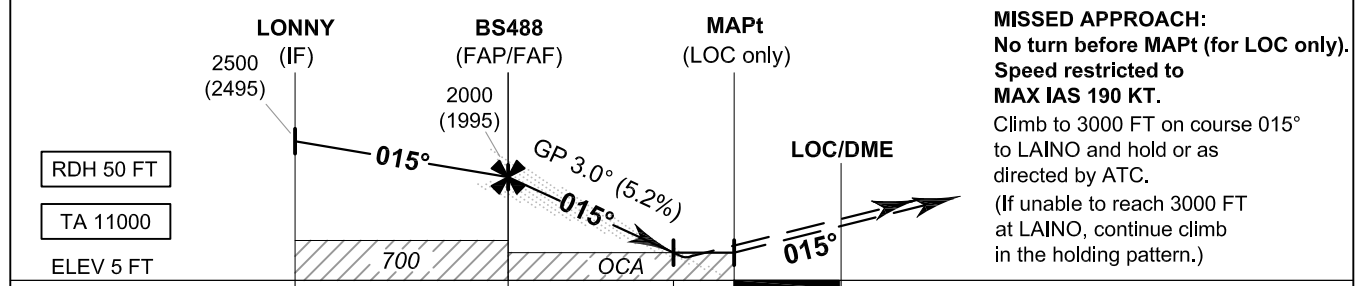
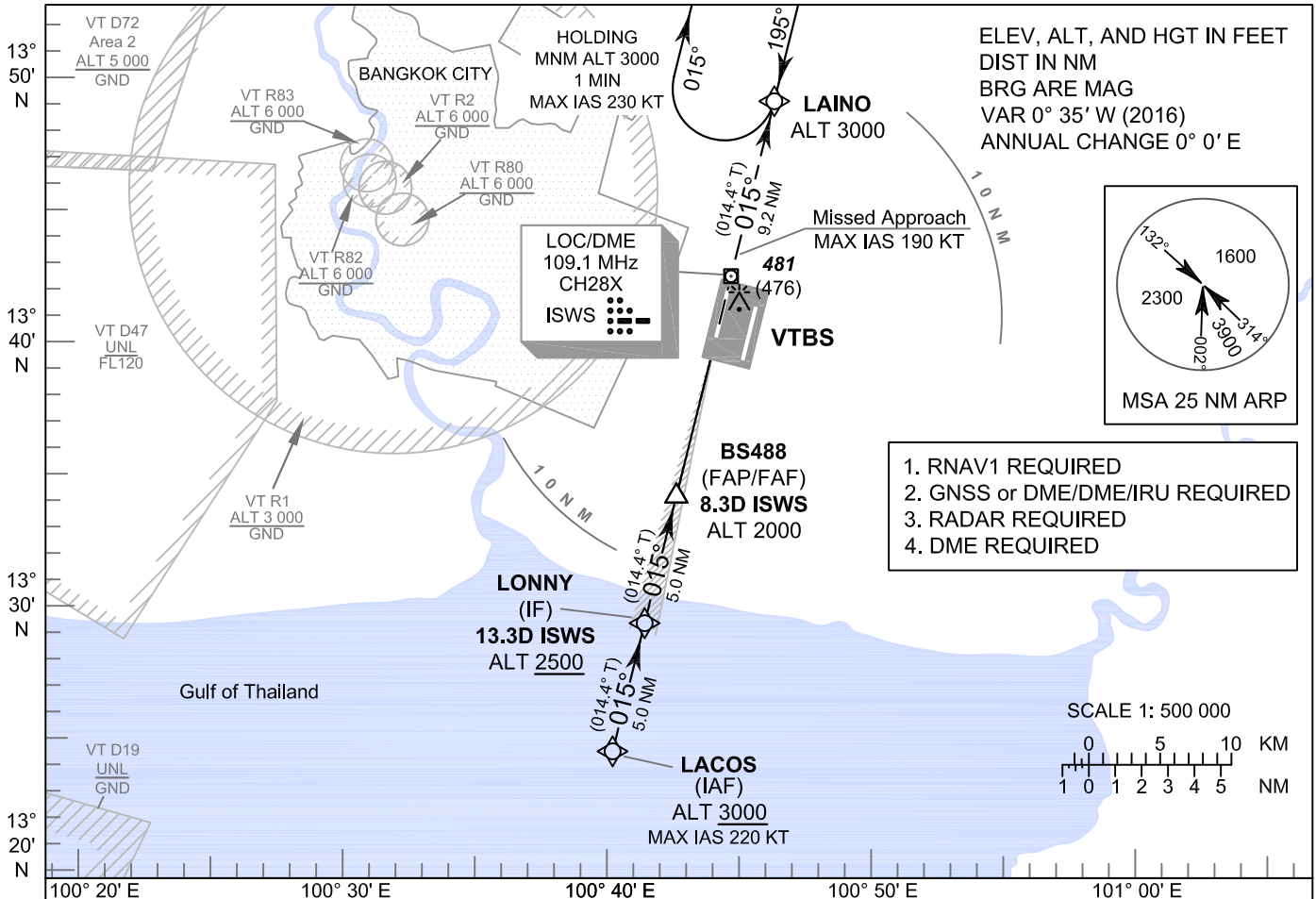
**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY01L - ELEV 5 FT**

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

BANGKOK / Suvarnabhumi Intl (VTBS)

**ILS or LOC z RWY01L
CAT II**



	13.3	8.3	3.7	2.2	0	DME FM LOC/DME
	11.1	6.1	1.5	0		NM FM THR

OCA/H		A	B	C	D	GS OUT	Distance (ISWS)	FAF	8 D	7 D	6 D	5 D	4 D	3.7 D
Straight-in Approach	CAT I	230 (225) *					Altitude (Height)	2000	1890	1570	1255	940	625	530
	CAT II	105 (100) **				(1995)		(1885)	(1565)	(1250)	(935)	(620)	(525)	
LOC only		530 (525)				Ground speed	knot	70	90	100	120	140	160	
Circling (OCH AAL)		800 (795)		900 (895)		Rate of descent (5.2%)	ft/min	369	474	527	632	737	843	

* These procedures require a missed approach climb gradient of 5% (304 FT/NM) until passing ALT 1000 FT. For aircraft which only achieve a 2.5% (152 FT/NM) climb gradient, the CAT I OCA (OCH) is 370 (365) FT

** These procedures require a missed approach climb gradient of 4% (243 FT/NM) until passing ALT 1000 FT. For aircraft which only achieve a 2.5% (152 FT/NM) climb gradient, the CAT II OCA (OCH) is 295 (290) FT

CHANGE: IAF AND IF REVISED.

INSTRUMENT **AERODROME ELEV 5 FT**
APPROACH **HEIGHTS RELATED TO**
CHART - ICAO **THR RWY01L - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

ILS or LOC z RWY01L
CAT II

TABULAR DESCRIPTION

ILS or LOC z RWY01L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ RDH	Navigation Specification
010	IF	LACOS (IAF)	-	-	+0.58	-	-	+3000	-220	-	RNAV 1
020	TF	LONNY (IF)	-	015°(014.4°)	+0.58	5.0	-	+2500	-	-	RNAV 1
TRANSITION TO ILS or LOC											
030	TF	BS488 (FAP/FAF)	-	015°(014.4°)	+0.58	5.0	-	@2000	-	-	ILS
040	TF	MAPt (LOC only) @ RW01L	Y	015°(014.4°)	+0.58	6.1	-	@55	-	-3.0/50	ILS
050	CF	LAINO	-	015°(014.4°)	+0.58	9.2	-	-	-190	-	RNAV 1
060	HM	LAINO	Y	195°(194.3°)	+0.58	1 minute	R	+3000	-230	-	RNAV 1

WAYPOINT LIST

ILS or LOC z RWY01L		
Waypoint Identifier	Coordinates	Pronunciation
LACOS	13° 24' 36.37" N 100° 39' 57.98" E	LAH - COSS
LONNY	13° 29' 28.22" N 100° 41' 14.53" E	LON - NEE
BS488	13° 34' 20.54" N 100° 42' 31.34" E	-
RW01L	13° 40' 16.60" N 100° 44' 04.79" E	-
LAINO	13° 49' 16.40" N 100° 46' 25.67" E	LAI - NOH

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY01L - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

**ILS or LOC z RWY01L
CAT II**

FIX / POINT		COORDINATES	
LONNY (IF)	13.3D ISWS	13° 29' 28.22" N	100° 41' 14.53" E
BS488 (FAP/FAF)	8.3D ISWS	13° 34' 20.54" N	100° 42' 31.34" E
MAPt (LOC only) @ RW01L	2.2D ISWS	13° 40' 16.60" N	100° 44' 04.79" E
LOC/DME	ISWS	13° 42' 22.30" N	100° 44' 37.80" E
GP	ISWS	13° 40' 27.80" N	100° 44' 03.60" E

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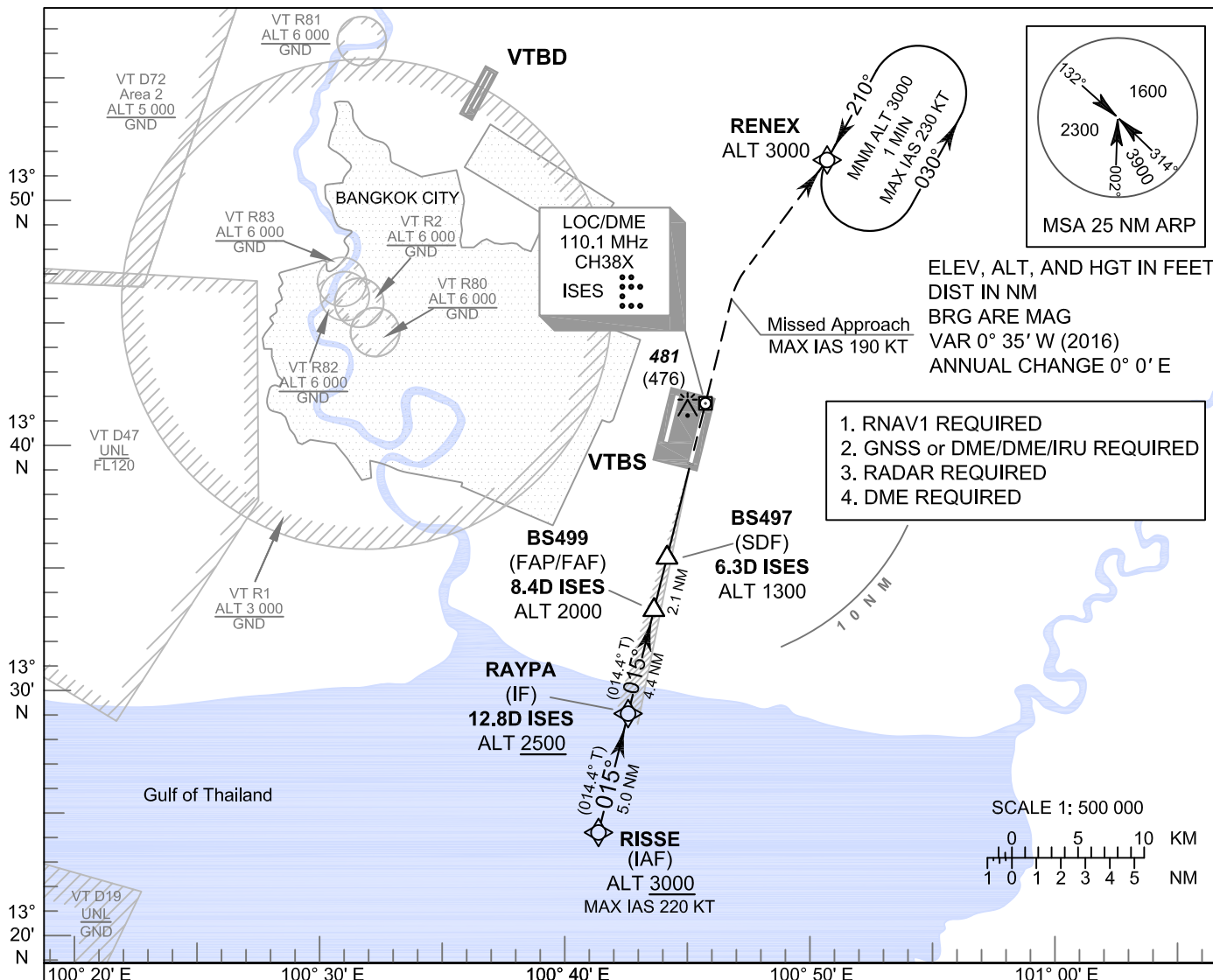
**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY01R - ELEV 5 FT**

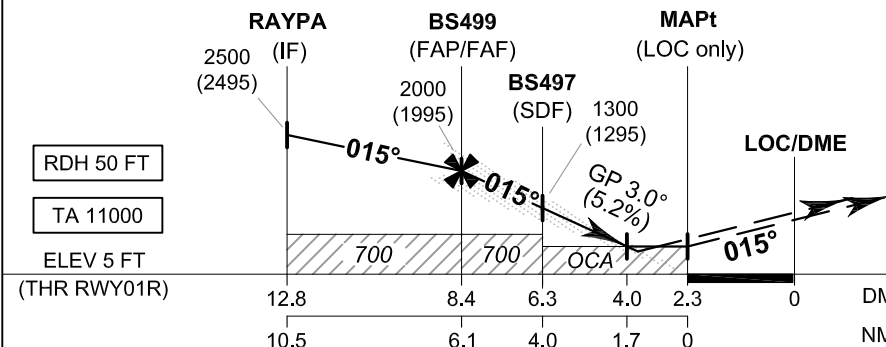
APP	: 119.1, 262.5
	: 120.3, 262.5
	: 121.7, 262.5
	: 122.35, 262.5
	: 124.35, 262.5
	: 125.2, 262.5
ARR	: 121.1
	: 126.3
TWR	: 118.2, 274.5
	: 119.0
ATIS	: 133.6, 278.6

BANGKOK / Suvarnabhumi Intl (VTBS)

**ILS or LOC z RWY01R
CAT II**



MISSED APPROACH:
No turn before MAPt (for LOC only).
Speed restricted to
MAX IAS 190 KT until after turn.
Climb to 1000 FT on track 015°,
then climbing right turn direct to
RENEX at 3000 FT and hold or as
directed by ATC.
(If unable to reach 3000 FT
at RENEX, continue climb
in the holding pattern.)



OCA/H		A	B	C	D	GS OUT	Distance (ISES)	FAF	8 D	7 D	6 D	5 D	4 D	
Straight-in Approach	CAT I	205 (200)							2000 (1995)	1855 (1850)	1540 (1535)	1225 (1220)	910 (905)	600 (595)
	CAT II	105 (100)												
LOC only		600 (595)					Ground speed	knot	70	90	100	120	140	160
Circling (OCH AAL)		800 (795)	900 (895)			Rate of descent (5.2%)	ft/min	369	474	527	632	737	843	

CHANGE: IAF AND IF REVISED.

INSTRUMENT **AERODROME ELEV 5 FT**
APPROACH **HEIGHTS RELATED TO**
CHART - ICAO **THR RWY01R - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

ILS or LOC z RWY01R
CAT II

TABULAR DESCRIPTION

ILS or LOC z RWY01R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ RDH	Navigation Specification
010	IF	RISSE (IAF)	-	-	+0.58	-	-	+3000	-220	-	RNAV 1
020	TF	RAYPA (IF)	-	015°(014.4°)	+0.58	5.0	-	+2500	-	-	RNAV 1
TRANSITION TO ILS or LOC											
030	TF	BS499 (FAP/FAF)	-	015°(014.4°)	+0.58	4.4	-	@2000	-	-	ILS
040	TF	BS497 (SDF)	-	015°(014.4°)	+0.58	2.1	-	@1300	-	-	ILS
050	TF	MAPt (LOC only) @ RW01R	Y	015°(014.4°)	+0.58	4.0	-	@55	-	-3.0/50	ILS
060	CA	-	-	015°(014.4°)	+0.58	-	-	+1000	-190	-	RNAV 1
070	DF	RENEX	-	-	+0.58	-	R	-	-190	-	RNAV 1
080	HM	RENEX	Y	210°(209.3°)	+0.58	1 minute	L	+3000	-230	-	RNAV 1

WAYPOINT LIST

ILS or LOC z RWY01R		
Waypoint Identifier	Coordinates	Pronunciation
RISSE	13° 24' 18.49" N 100° 41' 08.88" E	RIS - SAY
RAYPA	13° 29' 10.33" N 100° 42' 25.43" E	RAY - PAH
BS499	13° 33' 28.06" N 100° 43' 33.12" E	-
BS497	13° 35' 33.14" N 100° 44' 05.91" E	-
RW01R	13° 39' 24.11" N 100° 45' 06.59" E	-
RENEX	13° 51' 48.03" N 100° 50' 55.97" E	RAY - NEKS

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY01R - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

**ILS or LOC z RWY01R
CAT II**

FIX / POINT		COORDINATES	
RAYPA (IF)	12.8D ISES	13° 29' 10.33" N	100° 42' 25.43" E
BS499 (FAP/FAF)	8.4D ISES	13° 33' 28.06" N	100° 43' 33.12" E
BS497 (SDF)	6.3D ISES	13° 35' 33.14" N	100° 44' 05.91" E
MAPt (LOC only) @ RW01R	2.3D ISES	13° 39' 24.11" N	100° 45' 06.59" E
LOC/DME	ISES	13° 41' 39.30" N	100° 45' 42.10" E
GP	ISES	13° 39' 33.40" N	100° 45' 13.10" E

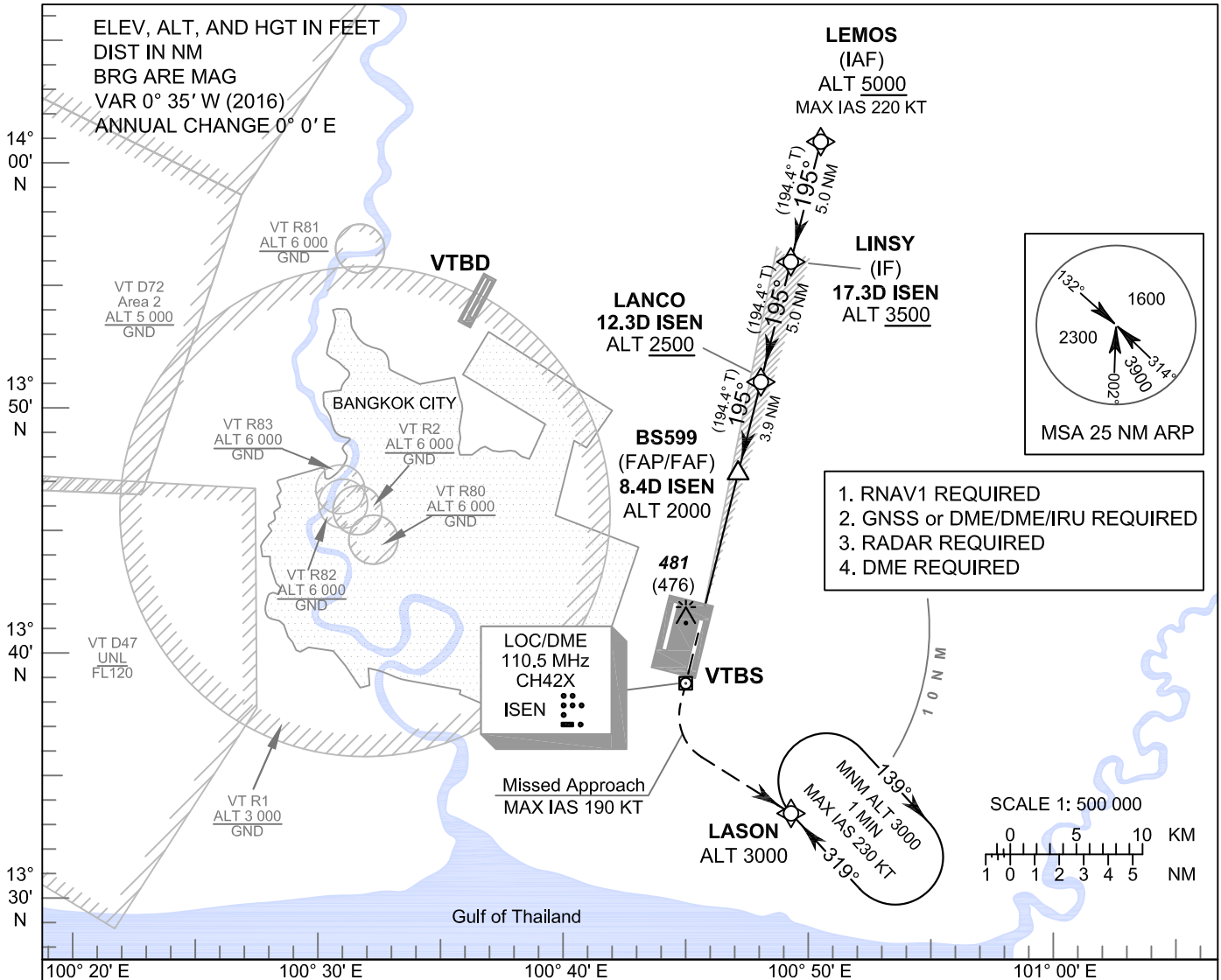
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INSTRUMENT APPROACH CHART - ICAO **AERODROME ELEV 5 FT**
HEIGHTS RELATED TO
THR RWY19L - ELEV 5 FT

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

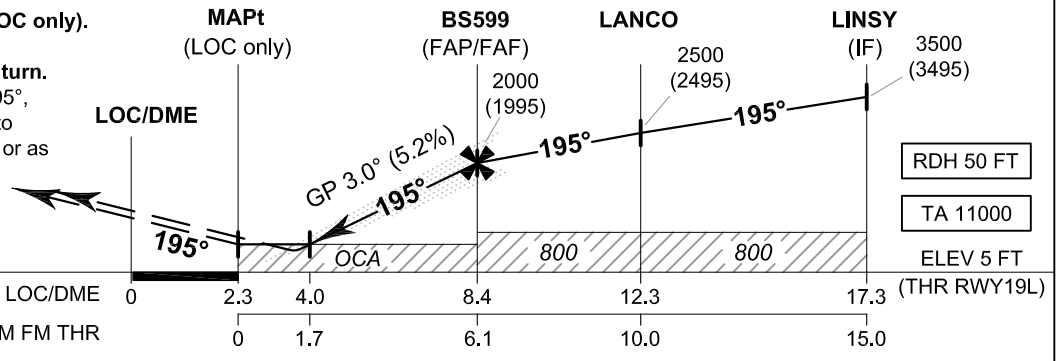
BANGKOK / Suvarnabhumi Intl (VTBS)

ILS or LOC z RWY19L
CAT II



MISSED APPROACH:

No turn before MAPt (for LOC only).
Speed restricted to MAX IAS 190 KT until after turn.
 Climb to 1000 FT on track 195°, then climbing left turn direct to LASON at 3000 FT and hold or as directed by ATC.
 (If unable to reach 3000 FT at LASON, continue climb in the holding pattern.)



OCA/H		A	B	C	D	GS OUT	Distance (ISEN)	4 D	5 D	6 D	7 D	8 D	FAF	
Straight-in Approach	CAT I	205 (200)					590 (585)	590 (585)	910 (905)	1225 (1220)	1540 (1535)	1855 (1850)	2000 (1995)	
	CAT II	105 (100)				590 (585)	590 (585)	910 (905)	1225 (1220)	1540 (1535)	1855 (1850)	2000 (1995)		
LOC only		590 (585)				590 (585)	590 (585)	910 (905)	1225 (1220)	1540 (1535)	1855 (1850)	2000 (1995)		
Circling (OCH AAL)		800 (795)	900 (895)			590 (585)	590 (585)	910 (905)	1225 (1220)	1540 (1535)	1855 (1850)	2000 (1995)		
							Rate of descent (5.2%)	ft/min	369	474	527	632	737	843

CHANGE: IAF REVISED.

INSTRUMENT **AERODROME ELEV 5 FT**
APPROACH **HEIGHTS RELATED TO**
CHART - ICAO **THR RWY19L - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

ILS or LOC z RWY19L
CAT II

TABULAR DESCRIPTION

ILS or LOC z RWY19L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ RDH	Navigation Specification
010	IF	LEMOS (IAF)	-	-	+0.58	-	-	+5000	-220	-	RNAV 1
020	TF	LINSY (IF)	-	195°(194.4°)	+0.58	5.0	-	+3500	-	-	RNAV 1
TRANSITION TO ILS or LOC											
030	TF	LANCO	-	195°(194.4°)	+0.58	5.0	-	+2500	-	-	ILS
040	TF	BS599 (FAP/FAF)	-	195°(194.4°)	+0.58	3.9	-	@2000	-	-	ILS
050	TF	MAPt (LOC only) @ RWY19L	Y	195°(194.4°)	+0.58	6.1	-	@55	-	-3.0/50	ILS
060	CA	-	-	195°(194.4°)	+0.58	-	-	+1000	-190	-	RNAV 1
070	DF	LASON	-	-	+0.58	-	L	-	-190	-	RNAV 1
080	HM	LASON	Y	319°(318.3°)	+0.58	1 minute	R	+3000	-230	-	RNAV 1

WAYPOINT LIST

ILS or LOC z RWY19L		
Waypoint Identifier	Coordinates	Pronunciation
LEMOS	14° 01' 03.35" N 100° 50' 48.54" E	LAY - MOSS
LINSY	13° 56' 08.45" N 100° 49' 30.83" E	LINN - SEE
LANCO	13° 51' 13.81" N 100° 48' 13.24" E	LAN - COH
BS599	13° 47' 26.20" N 100° 47' 13.33" E	-
RWY19L	13° 41' 30.17" N 100° 45' 39.72" E	-
LASON	13° 33' 32.40" N 100° 49' 20.92" E	LAH - SON

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY19L - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

**ILS or LOC z RWY19L
CAT II**

FIX / POINT		COORDINATES	
LINSY (IF)	17.3D ISEN	13° 56' 08.45" N	100° 49' 30.83" E
LANCO	12.3D ISEN	13° 51' 13.81" N	100° 48' 13.24" E
BS599 (FAP/FAF)	8.4D ISEN	13° 47' 26.20" N	100° 47' 13.33" E
MAPt (LOC only) @ RW19L	2.3D ISEN	13° 41' 30.17" N	100° 45' 39.72" E
LOC/DME	ISEN	13° 39' 15.00" N	100° 45' 04.20" E
GP	ISEN	13° 41' 19.00" N	100° 45' 40.90" E

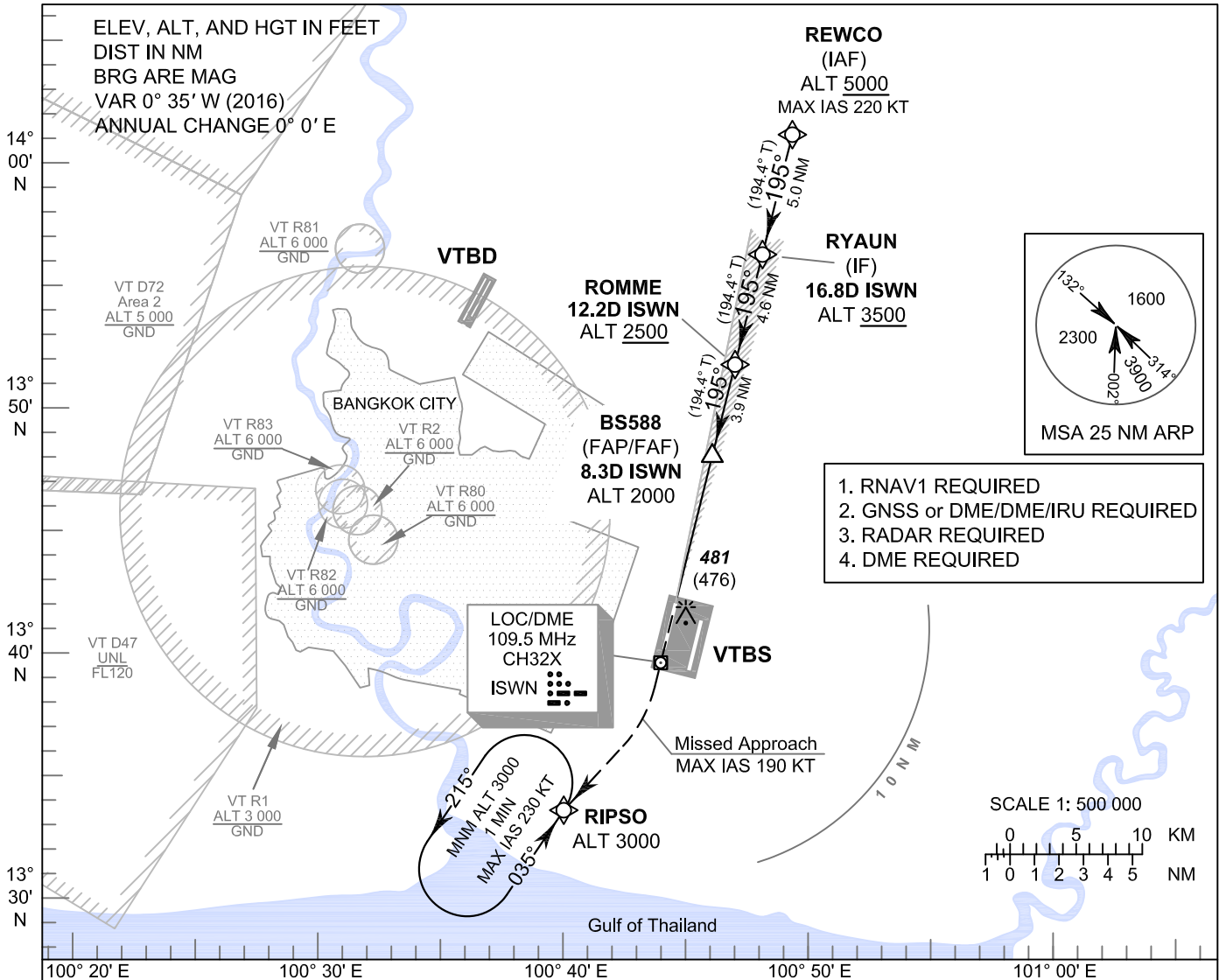
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INSTRUMENT APPROACH CHART - ICAO **AERODROME ELEV 5 FT**
HEIGHTS RELATED TO
THR RWY19R - ELEV 5 FT

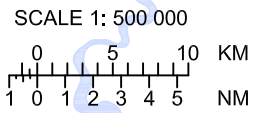
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	: 122.35, 262.5
	: 124.35, 262.5
	: 125.2, 262.5
ARR	: 121.1
	: 126.3
TWR	: 118.2, 274.5
	: 119.0
ATIS	: 133.6, 278.6

BANGKOK / Suvarnabhumi Intl (VTBS)

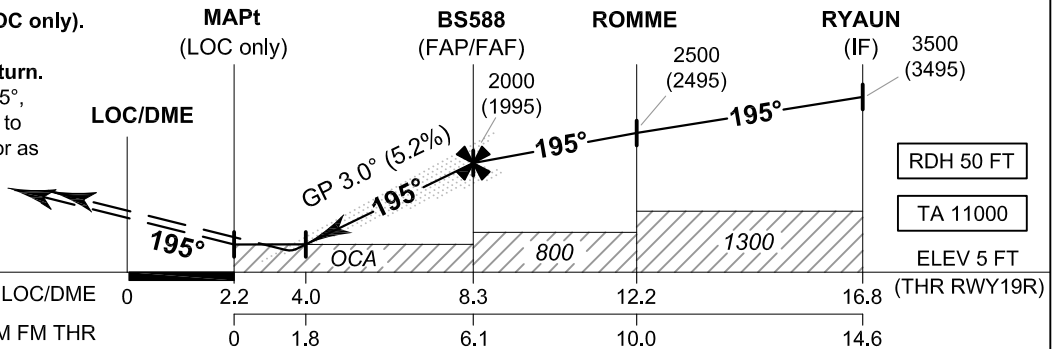
ILS or LOC z RWY19R
CAT II



1. RNAV1 REQUIRED
2. GNSS or DME/DME/IRU REQUIRED
3. RADAR REQUIRED
4. DME REQUIRED



MISSED APPROACH:
No turn before MAPt (for LOC only).
Speed restricted to **MAX IAS 190 KT** until after turn.
Climb to 1000 FT on track 195°, then climbing right turn direct to RIPSO at 3000 FT and hold or as directed by ATC.
(If unable to reach 3000 FT at RIPSO, continue climb in the holding pattern.)



RDH 50 FT
TA 11000
ELEV 5 FT
(THR RWY19R)

DME FM LOC/DME	0	2.2	4.0	8.3	12.2	16.8
NM FM THR	0	1.8	6.1	10.0	14.6	

OCA/H		A	B	C	D	GS OUT	Distance (ISWN)	4 D	5 D	6 D	7 D	8 D	FAF
Straight-in Approach	CAT I	205 (200)						620	940	1255	1570	1890	2000
	CAT II	105 (100)					(615)	(935)	(1250)	(1565)	(1885)	(1995)	
LOC only		620 (615)					Ground speed						
							knot	70	90	100	120	140	160
Circling (OCH AAL)		800 (795)	900 (895)				Rate of descent (5.2%)						
							ft/min	369	474	527	632	737	843

CHANGE: IAF REVISED.

INSTRUMENT **AERODROME ELEV 5 FT**
APPROACH **HEIGHTS RELATED TO**
CHART - ICAO **THR RWY19R - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

ILS or LOC z RWY19R
CAT II

TABULAR DESCRIPTION

ILS or LOC z RWY19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ RDH	Navigation Specification
010	IF	REWCO (IAF)	-	-	+0.58	-	-	+5000	-220	-	RNAV 1
020	TF	RYAUN (IF)	-	195°(194.4°)	+0.58	5.0	-	+3500	-	-	RNAV 1
TRANSITION TO ILS or LOC											
030	TF	ROMME	-	195°(194.4°)	+0.58	4.6	-	+2500	-	-	ILS
040	TF	BS588 (FAP/FAF)	-	195°(194.4°)	+0.58	3.9	-	@2000	-	-	ILS
050	TF	MAPt (LOC only) @ RW19R	Y	195°(194.4°)	+0.58	6.1	-	@55	-	-3.0/50	ILS
060	CA	-	-	195°(194.4°)	+0.58	-	-	+1000	-190	-	RNAV 1
070	DF	RIPSO	-	-	+0.58	-	R	-	-190	-	RNAV 1
080	HM	RIPSO	Y	035°(034.3°)	+0.58	1 minute	L	+3000	-230	-	RNAV 1

WAYPOINT LIST

ILS or LOC z RWY19R		
Waypoint Identifier	Coordinates	Pronunciation
REWCO	14° 01' 21.29" N 100° 49' 37.68" E	REW - COH
RYAUN	13° 56' 26.99" N 100° 48' 20.12" E	RAI - AAN
ROMME	13° 51' 56.84" N 100° 47' 08.98" E	ROM - MEE
BS588	13° 48' 09.23" N 100° 46' 09.07" E	-
RW19R	13° 42' 13.21" N 100° 44' 35.44" E	-
RIPSO	13° 33' 44.05" N 100° 39' 50.12" E	RIP - SO

**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY19R - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

**ILS or LOC z RWY19R
CAT II**

FIX / POINT		COORDINATES	
RYAUN (IF)	16.8D ISWN	13° 56' 26.99" N	100° 48' 20.12" E
ROMME	12.2D ISWN	13° 51' 56.84" N	100° 47' 08.98" E
BS588 (FAP/FAF)	8.3D ISWN	13° 48' 09.23" N	100° 46' 09.07" E
MAPt (LOC only) @ RW19R	2.2D ISWN	13° 42' 13.21" N	100° 44' 35.44" E
LOC/DME	ISWN	13° 40' 07.50" N	100° 44' 02.40" E
GP	ISWN	13° 42' 03.90" N	100° 44' 28.90" E

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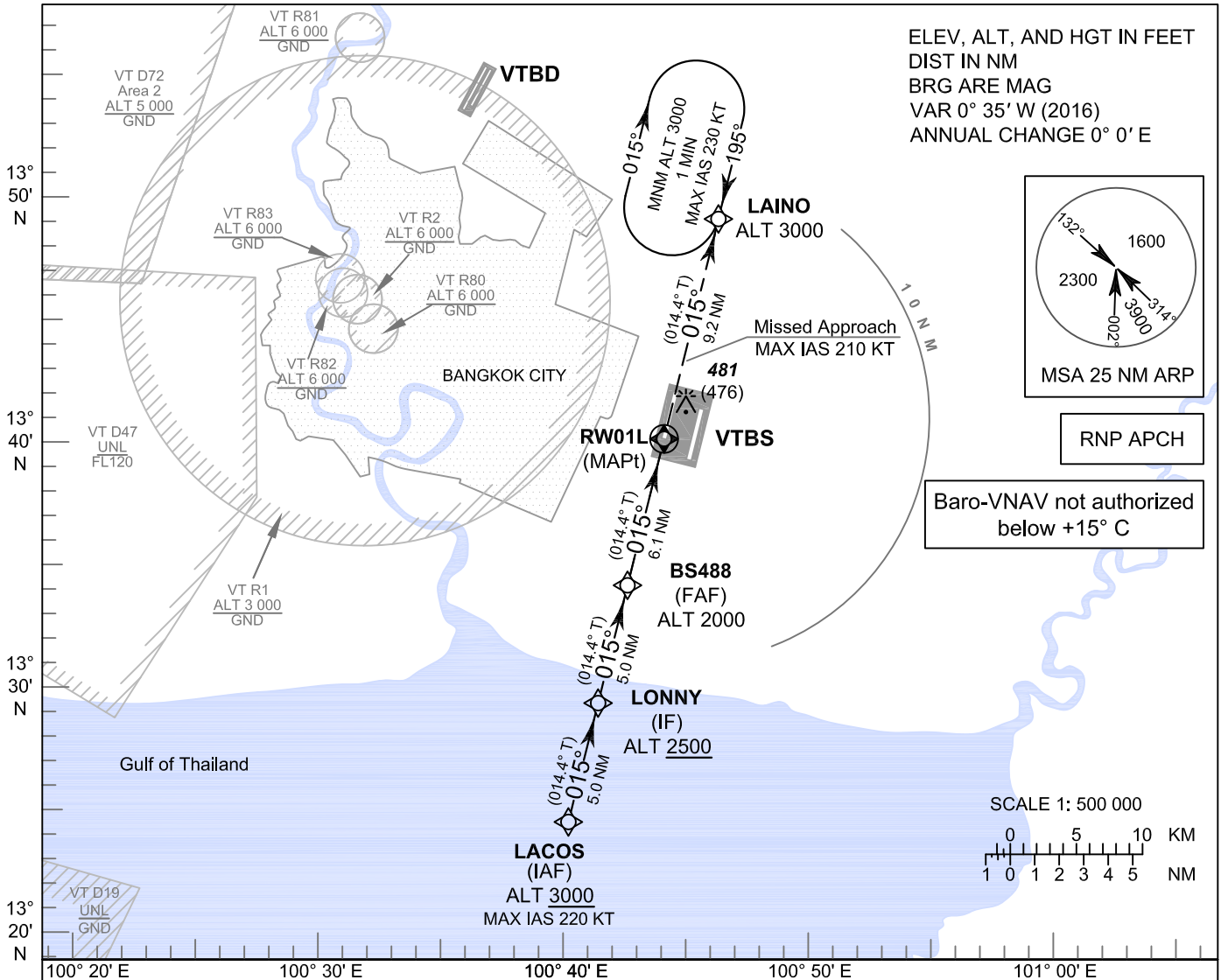
**INSTRUMENT
APPROACH
CHART - ICAO**

**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY01L - ELEV 5 FT**

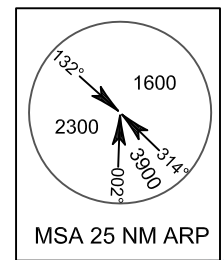
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	: 124.35, 262.5
	: 125.2, 262.5
ARR :	121.1
	: 126.3
TWR :	118.2, 274.5
	: 119.0
ATIS :	133.6, 278.6

BANGKOK / Suvarnabhumi Intl (VTBS)

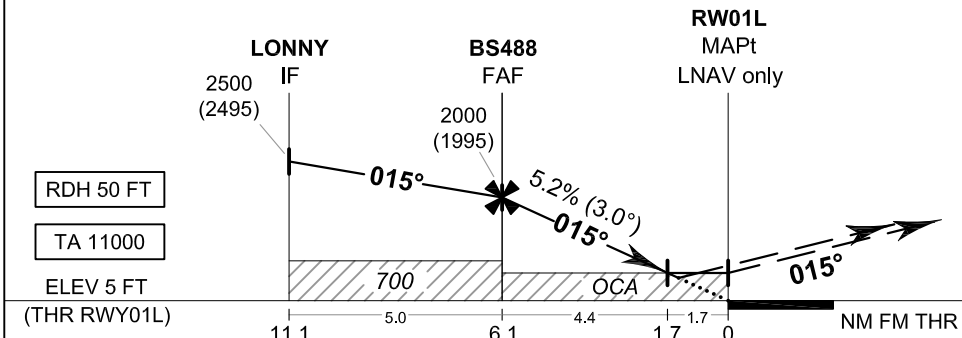
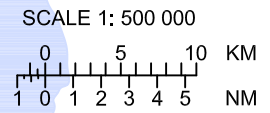
RNAV (GNSS) RWY01L



ELEV, ALT, AND HGT IN FEET
DIST IN NM
BRG ARE MAG
VAR 0° 35' W (2016)
ANNUAL CHANGE 0° 0' E



RNP APCH
Baro-VNAV not authorized
below +15° C



MISSED APPROACH:
No turn before MAPt.
Speed restricted to
MAX IAS 210 KT.
Climb to 3000 FT on course 015°
to LAINO and hold or as
directed by ATC.
(If unable to reach 3000 FT
at LAINO, continue climb
in the holding pattern.)

	RDH 50 FT				TA 11000				ELEV 5 FT (THR RWY01L)			
	11.1	5.0	6.1	4.4	1.7	0	NM FM THR					
OCA/H	A	B	C	D	NM to NEXT WPT	FAF	6 NM	5 NM	4 NM	3 NM	2 NM	1.7 NM
LNAV / VNAV	400 (395)				Altitude (Height)	2000 (1995)	1950 (1945)	1635 (1630)	1320 (1315)	1005 (1000)	690 (685)	600 (595)
LNAV	600 (595)				Ground speed	knot	70	90	100	120	140	160
Circling (OCH AAL)	800 (795)		900 (895)		Rate of descent FAF-MAPt 5.2%	ft/min	369	474	527	632	737	843

CHANGE: IAF AND IF REVISED.

INSTRUMENT **AERODROME ELEV 5 FT**
APPROACH **HEIGHTS RELATED TO**
CHART - ICAO **THR RWY01L - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

RNAV (GNSS) RWY01L

TABULAR DESCRIPTION

RNAV (GNSS) RWY01L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
010	IF	LACOS (IAF)	-	-	+0.58	-	-	+3000	-220	-	RNP APCH
020	TF	LONNY (IF)	-	015°(014.4°)	+0.58	5.0	-	+2500	-	-	RNP APCH
030	TF	BS488 (FAF)	-	015°(014.4°)	+0.58	5.0	-	@2000	-	-	RNP APCH
040	TF	RW01L (MAPt)	Y	015°(014.4°)	+0.58	6.1	-	@55	-	-3.0/50	RNP APCH
050	CF	LAINO	-	015°(014.4°)	+0.58	9.2	-	-	-210	-	RNP APCH
060	HM	LAINO	Y	195°(194.3°)	+0.58	1 minute	R	+3000	-230	-	RNP APCH

WAYPOINT LIST

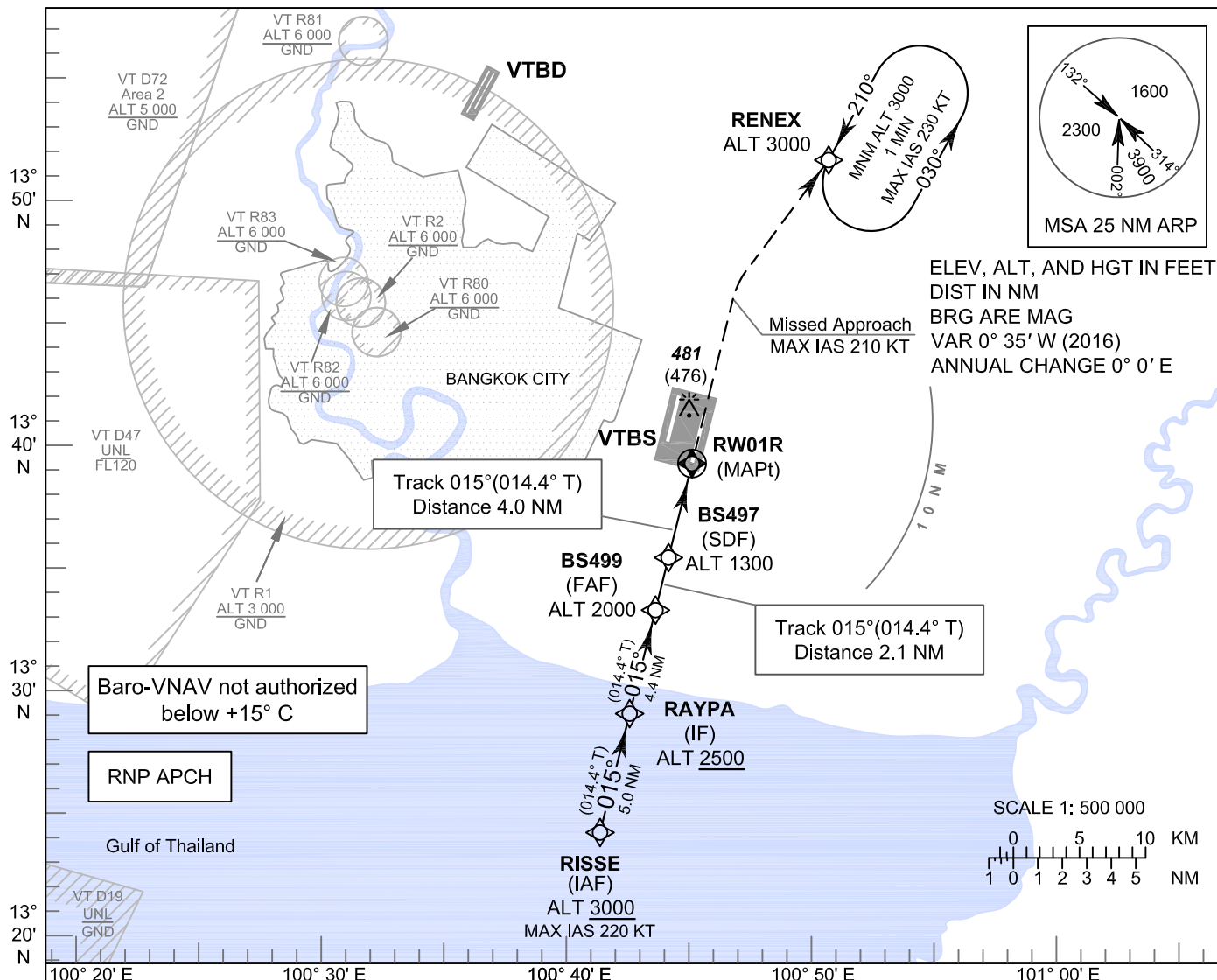
RNAV (GNSS) RWY01L		
Waypoint Identifier	Coordinates	Pronunciation
LACOS	13° 24' 36.37" N 100° 39' 57.98" E	LAH - COSS
LONNY	13° 29' 28.22" N 100° 41' 14.53" E	LON - NEE
BS488	13° 34' 20.54" N 100° 42' 31.34" E	-
RW01L	13° 40' 16.60" N 100° 44' 04.79" E	-
LAINO	13° 49' 16.40" N 100° 46' 25.67" E	LAI - NOH

**INSTRUMENT
APPROACH
CHART - ICAO**

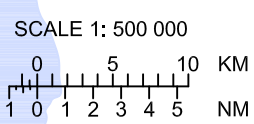
**AERODROME ELEV 5 FT
HEIGHTS RELATED TO
THR RWY01R - ELEV 5 FT**

**BANGKOK / Suvarnabhumi Intl (VTBS)
RNAV (GNSS) RWY01R**

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

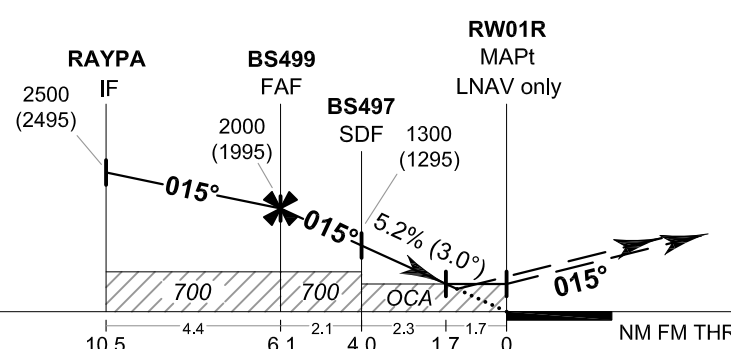


ELEV, ALT, AND HGT IN FEET
DIST IN NM
BRG ARE MAG
VAR 0° 35' W (2016)
ANNUAL CHANGE 0° 0' E



Baro-VNAV not authorized
below +15° C

RNP APCH



MISSED APPROACH:
No turn before MAPt.
Speed restricted to
MAX IAS 210 KT until after turn.
Climb to 1500 FT on track 015°,
then climbing right turn direct to
RENEX at 3000 FT and hold or as
directed by ATC.
(If unable to reach 3000 FT
at RENEX, continue climb
in the holding pattern.)

OCA/H	A	B	C	D	NM to NEXT WPT	FAF	6 NM	5 NM	4 NM	3 NM	2 NM	1.7 NM
LNAV / VNAV	540 (535)				Altitude (Height)	2000 (1995)	1950 (1945)	1635 (1630)	1320 (1315)	1005 (1000)	690 (685)	600 (595)
LNAV	600 (595)				Ground speed	knot	70	90	100	120	140	160
Circling (OCH AAL)	800 (795)		900 (895)		Rate of descent FAF-MAPt 5.2%	ft/min	369	474	527	632	737	843

CHANGE: IAF AND IF REVISED.

INSTRUMENT **AERODROME ELEV 5 FT**
APPROACH **HEIGHTS RELATED TO**
CHART - ICAO **THR RWY01R - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

RNAV (GNSS) RWY01R

TABULAR DESCRIPTION

RNAV (GNSS) RWY01R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
010	IF	RISSE (IAF)	-	-	+0.58	-	-	+3000	-220	-	RNP APCH
020	TF	RAYPA (IF)	-	015°(014.4°)	+0.58	5.0	-	+2500	-	-	RNP APCH
030	TF	BS499 (FAF)	-	015°(014.4°)	+0.58	4.4	-	@2000	-	-	RNP APCH
040	TF	BS497 (SDF)	-	015°(014.4°)	+0.58	2.1	-	@1300	-	-	RNP APCH
050	TF	RW01R (MAPt)	Y	015°(014.4°)	+0.58	4.0	-	@55	-	-3.0/50	RNP APCH
060	CA	-	-	015°(014.4°)	+0.58	-	-	+1500	-210	-	RNP APCH
070	DF	RENEX	-	-	+0.58	-	R	-	-210	-	RNP APCH
080	HM	RENEX	Y	210°(209.3°)	+0.58	1 minute	L	+3000	-230	-	RNP APCH

WAYPOINT LIST

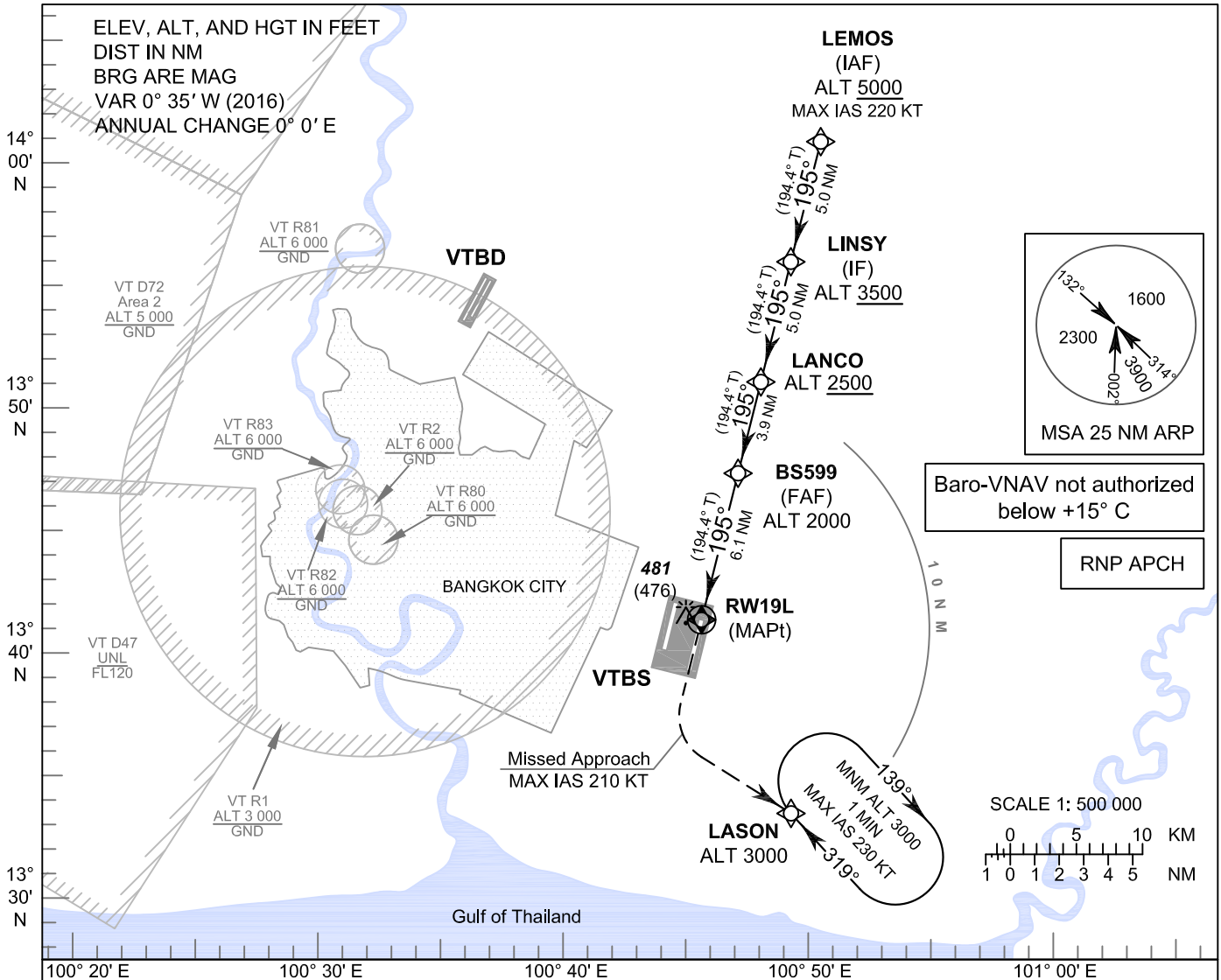
RNAV (GNSS) RWY01R		
Waypoint Identifier	Coordinates	Pronunciation
RISSE	13° 24' 18.49" N 100° 41' 08.88" E	RIS - SAY
RAYPA	13° 29' 10.33" N 100° 42' 25.43" E	RAY - PAH
BS499	13° 33' 28.06" N 100° 43' 33.12" E	-
BS497	13° 35' 33.14" N 100° 44' 05.91" E	-
RW01R	13° 39' 24.11" N 100° 45' 06.59" E	-
RENEX	13° 51' 48.03" N 100° 50' 55.97" E	RAY - NEKS

INSTRUMENT APPROACH CHART - ICAO **AERODROME ELEV 5 FT**
HEIGHTS RELATED TO
THR RWY19L - ELEV 5 FT

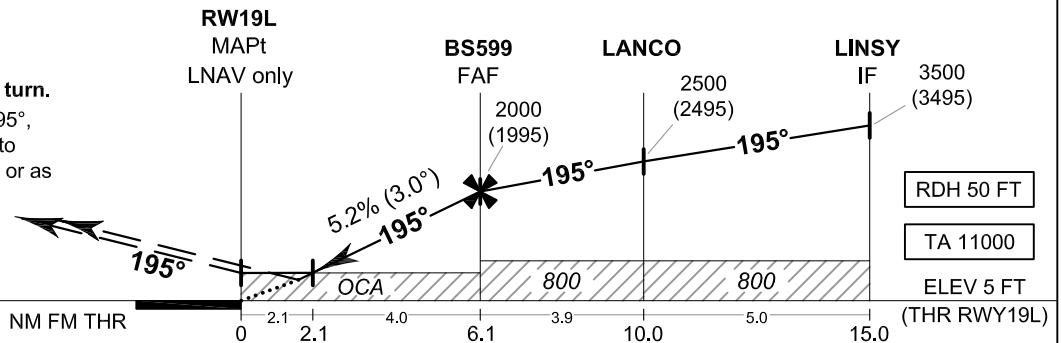
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	: 122.35, 262.5
	: 124.35, 262.5
	: 125.2, 262.5
ARR	: 121.1
	: 126.3
TWR	: 118.2, 274.5
	: 119.0
ATIS	: 133.6, 278.6

BANGKOK / Suvarnabhumi Intl (VTBS)

RNAV (GNSS) RWY19L



MISSED APPROACH:
No turn before MAPt.
Speed restricted to
MAX IAS 210 KT until after turn.
Climb to 1500 FT on track 195°,
then climbing left turn direct to
LASON at 3000 FT and hold or as
directed by ATC.
(If unable to reach 3000 FT
at LASON, continue climb
in the holding pattern.)



OCA/H	A	B	C	D	NM to NEXT WPT	2.1 NM	3 NM	4 NM	5 NM	6 NM	FAF	
LNAV / VNAV	600 (595)				Altitude (Height)	730 (725)	1005 (1000)	1320 (1315)	1635 (1630)	1950 (1945)	2000 (1995)	
LNAV	730 (725)				Ground speed	knot	70	90	100	120	140	160
Circling (OCH AAL)	800 (795)	900 (895)			Rate of descent FAF-MAPt 5.2%	ft/min	369	474	527	632	737	843

CHANGE: IAF REVISED.

INSTRUMENT **AERODROME ELEV 5 FT**
APPROACH **HEIGHTS RELATED TO**
CHART - ICAO **THR RWY19L - ELEV 5 FT**

BANGKOK / Suvarnabhumi Intl (VTBS)

RNAV (GNSS) RWY19L

TABULAR DESCRIPTION

RNAV (GNSS) RWY19L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
010	IF	LEMOS (IAF)	-	-	+0.58	-	-	+5000	-220	-	RNP APCH
020	TF	LINSY (IF)	-	195°(194.4°)	+0.58	5.0	-	+3500	-	-	RNP APCH
030	TF	LANCO	-	195°(194.4°)	+0.58	5.0	-	+2500	-	-	RNP APCH
040	TF	BS599 (FAF)	-	195°(194.4°)	+0.58	3.9	-	@2000	-	-	RNP APCH
050	TF	RW19L (MAPt)	Y	195°(194.4°)	+0.58	6.1	-	@55	-	-3.0/50	RNP APCH
060	CA	-	-	195°(194.4°)	+0.58	-	-	+1500	-210	-	RNP APCH
070	DF	LASON	-	-	+0.58	-	L	-	-210	-	RNP APCH
080	HM	LASON	Y	319°(318.3°)	+0.58	1 minute	R	+3000	-230	-	RNP APCH

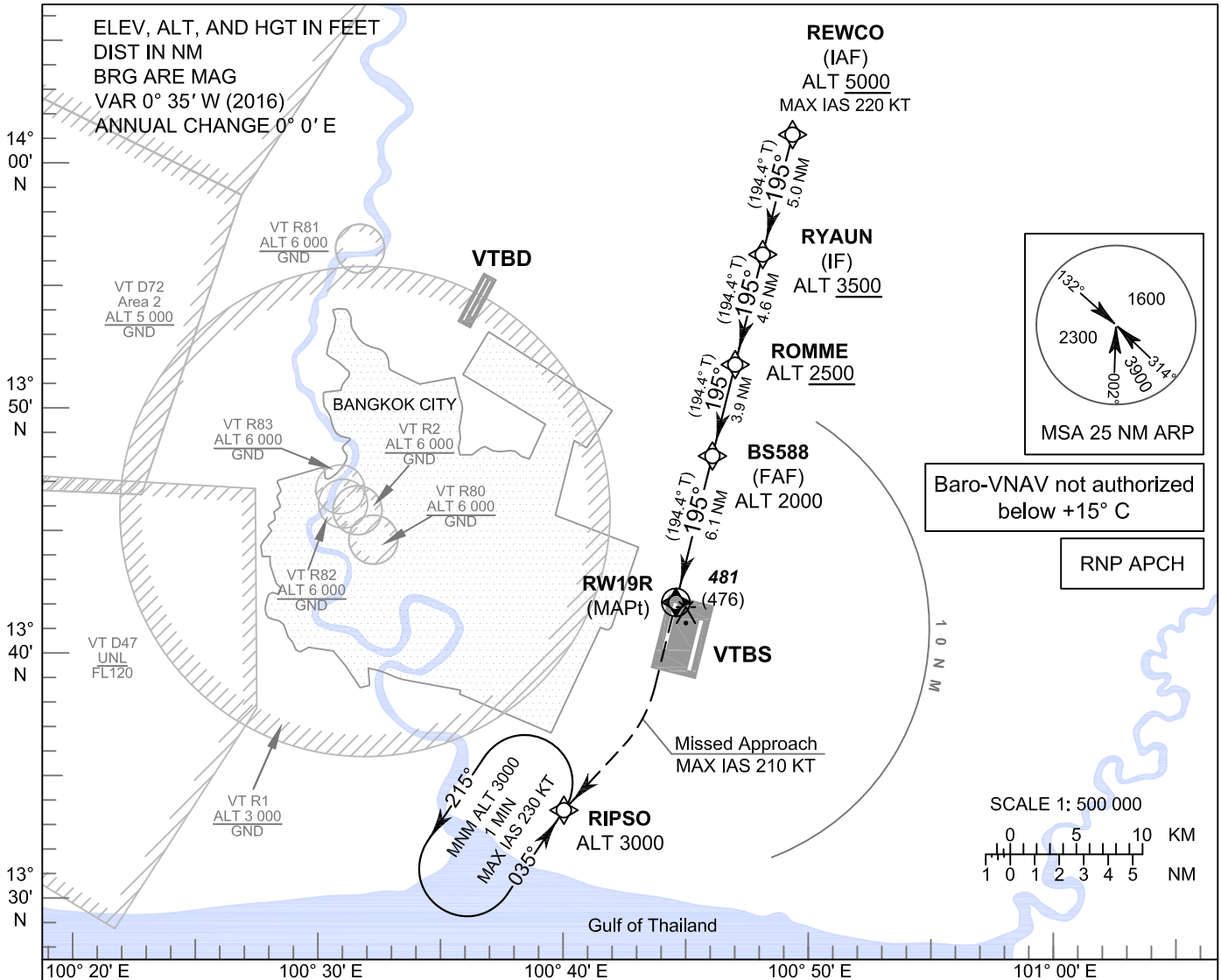
WAYPOINT LIST

RNAV (GNSS) RWY19L		
Waypoint Identifier	Coordinates	Pronunciation
LEMOS	14° 01' 03.35" N 100° 50' 48.54" E	LAY - MOSS
LINSY	13° 56' 08.45" N 100° 49' 30.83" E	LINN - SEE
LANCO	13° 51' 13.81" N 100° 48' 13.24" E	LAN - COH
BS599	13° 47' 26.20" N 100° 47' 13.33" E	-
RW19L	13° 41' 30.17" N 100° 45' 39.72" E	-
LASON	13° 33' 32.40" N 100° 49' 20.92" E	LAH - SON

INSTRUMENT APPROACH CHART - ICAO **AERODROME ELEV 5 FT**
HEIGHTS RELATED TO
THR RWY19R - ELEV 5 FT

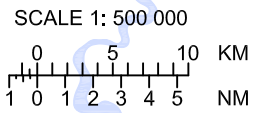
BANGKOK / Suvarnabhumi Intl (VTBS)
RNAV (GNSS) RWY19R

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



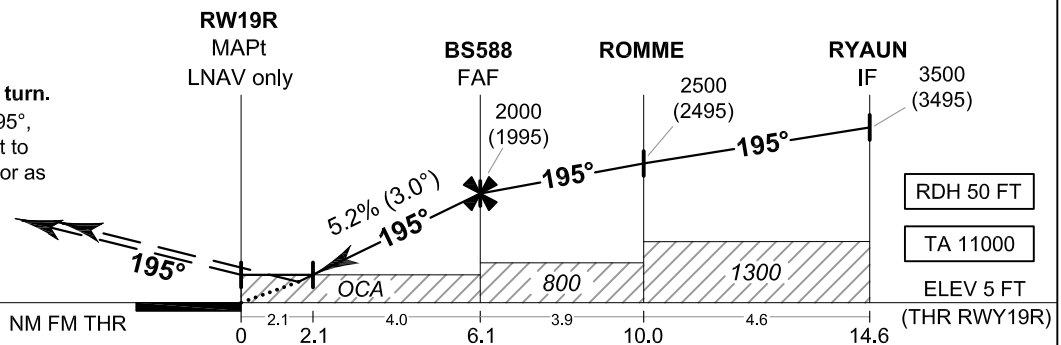
Baro-VNAV not authorized below +15° C

RNP APCH



MISSED APPROACH:

No turn before MAPt.
Speed restricted to **MAX IAS 210 KT until after turn.**
Climb to 1500 FT on track 195°, then climbing right turn direct to RIPS0 at 3000 FT and hold or as directed by ATC.
(If unable to reach 3000 FT at RIPS0, continue climb in the holding pattern.)



RDH 50 FT
TA 11000
ELEV 5 FT
(THR RWY19R)

OCA/H	A	B	C	D	NM to NEXT WPT	2.1 NM	3 NM	4 NM	5 NM	6 NM	FAF	
LNAV / VNAV	600 (595)				Altitude (Height)	730 (725)	1005 (1000)	1320 (1315)	1635 (1630)	1950 (1945)	2000 (1995)	
LNAV	730 (725)				Ground speed	knot	70	90	100	120	140	160
Circling (OCH AAL)	800 (795)		900 (895)		Rate of descent FAF-MAPt 5.2%	ft/min	369	474	527	632	737	843

CHANGE: IAF REVISED.

INSTRUMENT AERODROME ELEV 5 FT
APPROACH HEIGHTS RELATED TO
CHART - ICAO THR RWY19R - ELEV 5 FT

BANGKOK / Suvarnabhumi Intl (VTBS)

RNAV (GNSS) RWY19R

TABULAR DESCRIPTION

RNAV (GNSS) RWY19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
010	IF	REWCO (IAF)	-	-	+0.58	-	-	+5000	-220	-	RNP APCH
020	TF	RYAUN (IF)	-	195°(194.4°)	+0.58	5.0	-	+3500	-	-	RNP APCH
030	TF	ROMME	-	195°(194.4°)	+0.58	4.6	-	+2500	-	-	RNP APCH
040	TF	BS588 (FAF)	-	195°(194.4°)	+0.58	3.9	-	@2000	-	-	RNP APCH
050	TF	RW19R (MAPt)	Y	195°(194.4°)	+0.58	6.1	-	@55	-	-3.0/50	RNP APCH
060	CA	-	-	195°(194.4°)	+0.58	-	-	+1500	-210	-	RNP APCH
070	DF	RIPSO	-	-	+0.58	-	R	-	-210	-	RNP APCH
080	HM	RIPSO	Y	035°(034.3°)	+0.58	1 minute	L	+3000	-230	-	RNP APCH

WAYPOINT LIST

RNAV (GNSS) RWY19R			
Waypoint Identifier	Coordinates		Pronunciation
REWCO	14° 01' 21.29" N	100° 49' 37.68" E	REW - COH
RYAUN	13° 56' 26.99" N	100° 48' 20.12" E	RAI - AAN
ROMME	13° 51' 56.84" N	100° 47' 08.98" E	ROM - MEE
BS588	13° 48' 09.23" N	100° 46' 09.07" E	-
RW19R	13° 42' 13.21" N	100° 44' 35.44" E	-
RIPSO	13° 33' 44.05" N	100° 39' 50.12" E	RIP - SO

STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

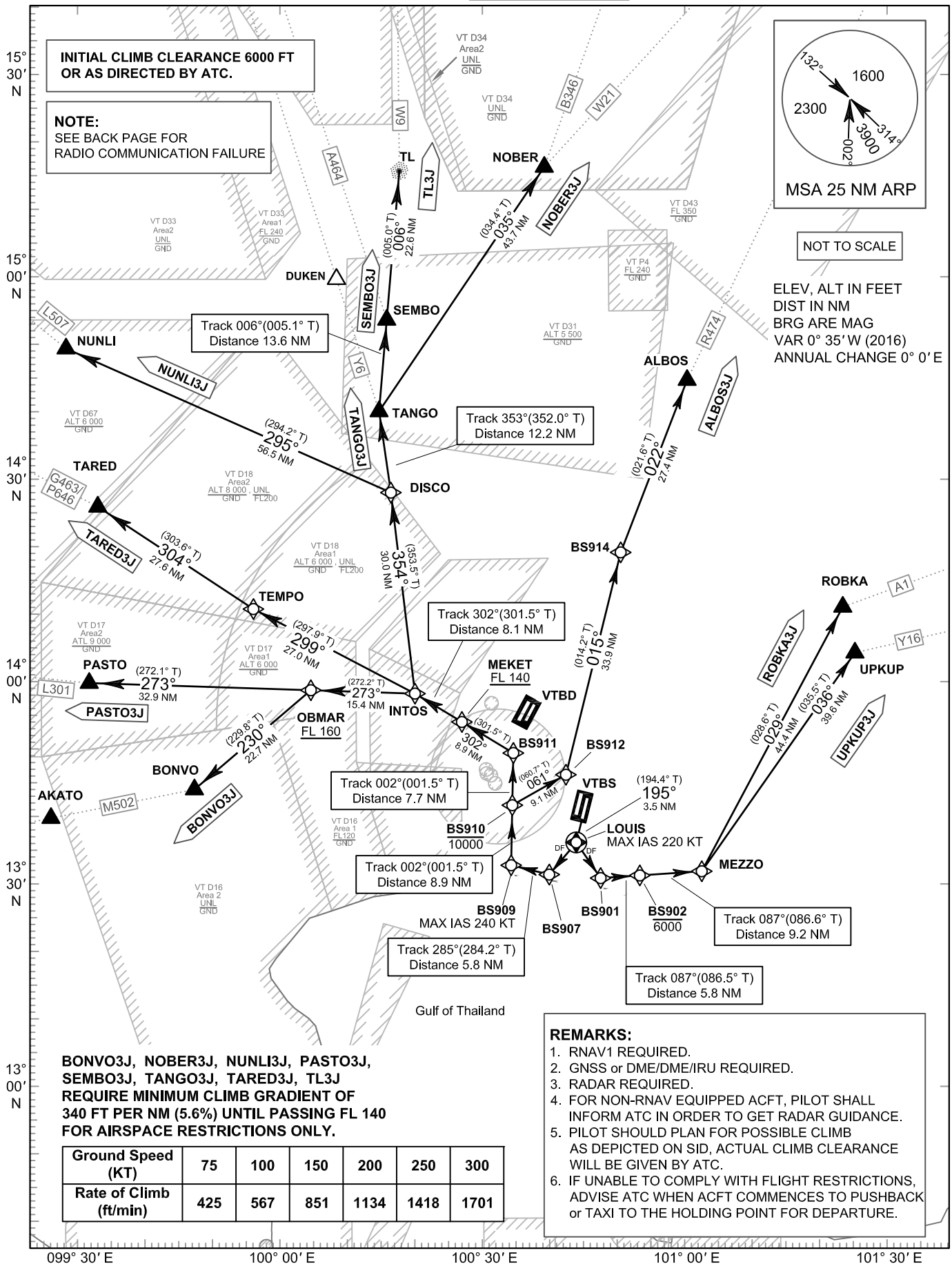
TRANSITION ALTITUDE
11000 FT

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

APP : 119.1, 262.5
: 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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L**

ALBOS3J BONVO3J
NOBER3J NUNLI3J PASTO3J
ROBKA3J SEMBO3J TANGO3J
TARED3J TL3J UPKUP3J



CHANGE: NEW PROCEDURES.

ALBOS3J BONVO3J
NOBER3J NUNLI3J PASTO3J
ROBKA3J SEMBO3J TANGO3J
TARED3J TL3J UPKUP3J

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 VTBS AD 2.22, RADIO COMMUNICATION FAILURE.

WAYPOINT PRONUNCIATION

Waypoint Identifier	Pronunciation	Waypoint Identifier	Pronunciation
DER RWY19L	-	MEKET	MEH - KET
ALBOS	AL - BOSS	MEZZO	MES - ZOH
BONVO	BONG - VOH	NOBER	NO - BER
BS901	-	NUNLI	NUN - LEE
BS902	-	OBMAR	OB - MAR
BS907	-	PASTO	PAS - TOW
BS909	-	ROBKA	ROB - KAH
BS910	-	SEMBO	SEM - BO
BS911	-	TANGO	TANG - GO
BS912	-	TARED	TAH - RED
BS914	-	TEMPO	TEM - POH
DISCO	DIS - KOH	TL	TA - KLEE
INTOS	IN - TOSS	UPKUP	UP - CUP
LOUIS	LOO - ISS		

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L**

ALBOS3J BONVO3J
NOBER3J NUNLI3J PASTO3J
ROBKA3J SEMBO3J TANGO3J
TARED3J TL3J UPKUP3J

TABULAR DESCRIPTION (1)

RNAV RWY19L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
ALBOS3J TO R474											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	R	-10000	-	-	RNAV 1
060	TF	BS912	-	061°(060.7°)	+0.58	9.1	L	-	-	-	RNAV 1
070	TF	BS914	-	015°(014.2°)	+0.58	33.9	R	-	-	-	RNAV 1
080	TF	ALBOS	-	022°(021.6°)	+0.58	27.4	-	-	-	-	RNAV 1
BONVO3J TO M502											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	L	-	-	-	RNAV 1
090	TF	OBMAR	-	273°(272.2°)	+0.58	15.4	L	+FL160	-	-	RNAV 1
100	TF	BONVO	-	230°(229.8°)	+0.58	22.7	-	-	-	-	RNAV 1
NOBER3J TO B346, W21											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	R	-	-	-	RNAV 1
090	TF	DISCO	-	354°(353.5°)	+0.58	30.0	L	-	-	-	RNAV 1
100	TF	TANGO	-	353°(352.0°)	+0.58	12.2	R	-	-	-	RNAV 1
110	TF	NOBER	-	035°(034.4°)	+0.58	43.7	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L**

ALBOS3J BONVO3J
NOBER3J NUNLI3J PASTO3J
ROBKA3J SEMBO3J TANGO3J
TARED3J TL3J UPKUP3J

TABULAR DESCRIPTION (2)

RNAV RWY19L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
NUNLI3J TO L507											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	R	-	-	-	RNAV 1
090	TF	DISCO	-	354°(353.5°)	+0.58	30.0	L	-	-	-	RNAV 1
100	TF	NUNLI	-	295°(294.2°)	+0.58	56.5	-	-	-	-	RNAV 1
PASTO3J TO L301											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	L	-	-	-	RNAV 1
090	TF	OBBAR	-	273°(272.2°)	+0.58	15.4	-	+FL160	-	-	RNAV 1
100	TF	PASTO	-	273°(272.1°)	+0.58	32.9	-	-	-	-	RNAV 1
ROBKA3J TO A1											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	L	-	-220	-	RNAV 1
030	DF	BS901	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS902	-	087°(086.5°)	+0.58	5.8	-	-6000	-	-	RNAV 1
050	TF	MEZZO	-	087°(086.6°)	+0.58	9.2	L	-	-	-	RNAV 1
060	TF	ROBKA	-	029°(028.6°)	+0.58	44.4	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L**

ALBOS3J BONVO3J
NOBER3J NUNLI3J PASTO3J
ROBKA3J SEMBO3J TANGO3J
TARED3J TL3J UPKUP3J

TABULAR DESCRIPTION (3)

RNAV RWY19L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
SEMBO3J TO A464											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	R	-	-	-	RNAV 1
090	TF	DISCO	-	354°(353.5°)	+0.58	30.0	L	-	-	-	RNAV 1
100	TF	TANGO	-	353°(352.0°)	+0.58	12.2	R	-	-	-	RNAV 1
110	TF	SEMBO	-	006°(005.1°)	+0.58	13.6	-	-	-	-	RNAV 1
TANGO3J TO Y6											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	R	-	-	-	RNAV 1
090	TF	DISCO	-	354°(353.5°)	+0.58	30.0	L	-	-	-	RNAV 1
100	TF	TANGO	-	353°(352.0°)	+0.58	12.2	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L**

ALBOS3J BONVO3J
NOBER3J NUNLI3J PASTO3J
ROBKA3J SEMBO3J TANGO3J
TARED3J TL3J UPKUP3J

TABULAR DESCRIPTION (4)

RNAV RWY19L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
TARED3J TO G463/P646											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	L	-	-	-	RNAV 1
090	TF	TEMPO	-	299°(297.9°)	+0.58	27.0	R	-	-	-	RNAV 1
100	TF	TARED	-	304°(303.6°)	+0.58	27.6	-	-	-	-	RNAV 1
TL3J TO W9											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	R	-	-	-	RNAV 1
090	TF	DISCO	-	354°(353.5°)	+0.58	30.0	L	-	-	-	RNAV 1
100	TF	TANGO	-	353°(352.0°)	+0.58	12.2	R	-	-	-	RNAV 1
110	TF	SEMBO	-	006°(005.1°)	+0.58	13.6	-	-	-	-	RNAV 1
120	TF	TL	-	006°(005.0°)	+0.58	22.6	-	-	-	-	RNAV 1
UPKUP3J TO Y16											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	L	-	-220	-	RNAV 1
030	DF	BS901	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS902	-	087°(086.5°)	+0.58	5.8	-	-6000	-	-	RNAV 1
050	TF	MEZZO	-	087°(086.6°)	+0.58	9.2	L	-	-	-	RNAV 1
060	TF	UPKUP	-	036°(035.5°)	+0.58	39.6	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L**

ALBOS3J BONVO3J
NOBER3J NUNLI3J PASTO3J
ROBKA3J SEMBO3J TANGO3J
TARED3J TL3J UPKUP3J

WAYPOINT LIST

RNAV RWY19L	
Waypoint Identifier	Coordinates
DER RWY19L	13° 39' 24.11" N 100° 45' 06.59" E
ALBOS	14° 44' 41.70" N 101° 01' 41.90" E
BONVO	13° 44' 10.47" N 099° 46' 06.72" E
BS901	13° 30' 39.63" N 100° 47' 52.93" E
BS902	13° 31' 00.74" N 100° 53' 51.07" E
BS907	13° 31' 14.42" N 100° 40' 03.93" E
BS909	13° 32' 40.09" N 100° 34' 16.99" E
BS910	13° 41' 36.08" N 100° 34' 31.08" E
BS911	13° 49' 22.54" N 100° 34' 43.38" E
BS912	13° 46' 05.33" N 100° 42' 42.85" E
BS914	14° 19' 08.00" N 100° 51' 18.42" E
DISCO	14° 28' 15.59" N 100° 16' 17.24" E
INTOS	13° 58' 18.55" N 100° 19' 47.12" E
LOUIS	13° 35' 59.82" N 100° 44' 12.92" E
MEKET	13° 54' 02.87" N 100° 26' 54.95" E
MEZZO	13° 31' 33.78" N 101° 03' 16.41" E
NOBER	15° 16' 35.60" N 100° 40' 06.00" E
NUNLI	14° 51' 27.45" N 099° 23' 03.60" E
OBMAR	13° 58' 53.52" N 100° 03' 54.64" E
PASTO	14° 00' 04.50" N 099° 30' 06.94" E
ROBKA	14° 10' 42.95" N 101° 25' 07.95" E
SEMBO	14° 53' 59.16" N 100° 15' 47.92" E
TANGO	14° 40' 22.25" N 100° 14' 32.54" E
TARED	14° 26' 19.52" N 099° 31' 28.87" E
TEMPO	14° 11' 00.89" N 099° 55' 11.97" E
TL	15° 16' 33.45" N 100° 17' 51.11" E
UPKUP	14° 03' 52.65" N 101° 26' 54.84" E

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**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.

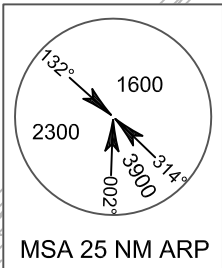
APP : 119.1, 262.5
: 120.3, 262.5
: 121.7, 262.5
: 122.35, 262.5
: 124.35, 262.5
: 125.2, 262.5
ARR : 121.1
: 126.3
TWR : 118.2, 274.5
: 119.0
ATIS : 133.6, 278.6

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L**

BATOK3J GORSI3J HHN3J
KASNI3J KIGOB3J REGOS3J
RYN3J SABIS3J UKERA3J

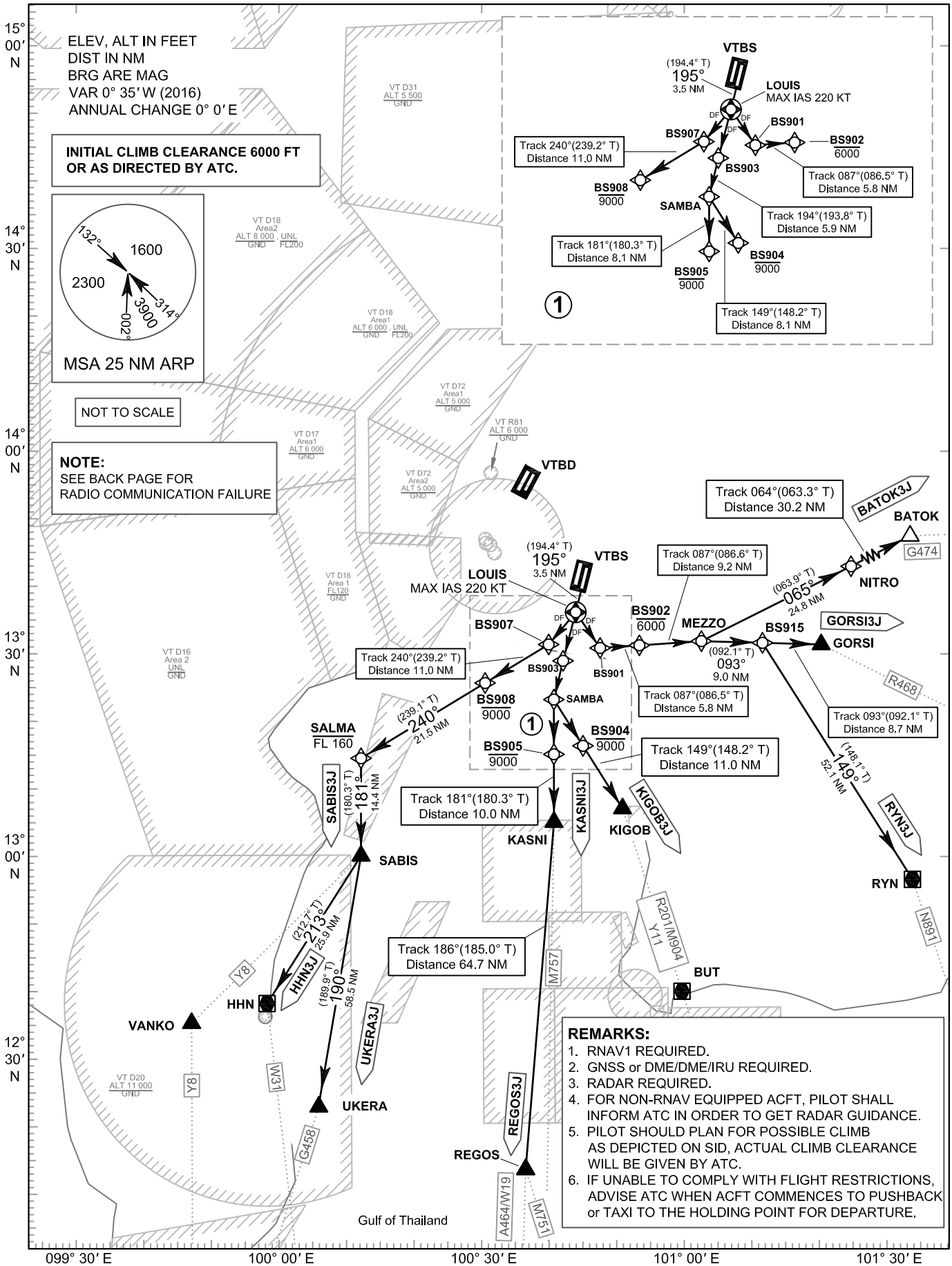
ELEV, ALT IN FEET
DIST IN NM
BRG ARE MAG
VAR 0° 35' W (2016)
ANNUAL CHANGE 0° 0' E

**INITIAL CLIMB CLEARANCE 6000 FT
OR AS DIRECTED BY ATC.**



NOT TO SCALE

NOTE:
SEE BACK PAGE FOR
RADIO COMMUNICATION FAILURE



REMARKS:

1. RNAV1 REQUIRED.
2. GNSS or DME/DME/IRU REQUIRED.
3. RADAR 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.

CHANGE: NEW PROCEDURES.

BATOK3J GORSI3J HHN3J
KASNI3J KIGOB3J REGOS3J
RYN3J SABIS3J UKERA3J

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 VTBS AD 2.22, RADIO COMMUNICATION FAILURE.

WAYPOINT PRONUNCIATION

Waypoint Identifier	Pronunciation	Waypoint Identifier	Pronunciation
DER RWY19L	-	KASNI	KAS - NEE
BATOK	BAH - TOK	KIGOB	KEE - GOB
BS901	-	LOUIS	LOO - ISS
BS902	-	MEZZO	MES - ZOH
BS903	-	NITRO	NAI - TRO
BS904	-	REGOS	REE - GOSS
BS905	-	RYN	RA - YONG
BS907	-	SABIS	SAH - BISS
BS908	-	SALMA	SAL - MAH
BS915	-	SAMBA	SAM - BAH
GORSI	GOR - SEE	UKERA	U - KEY - RAH
HHN	HUA - HIN		

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L**

BATOK3J GORSI3J HHN3J
KASNI3J KIGOB3J REGOS3J
RYN3J SABIS3J UKERA3J

TABULAR DESCRIPTION (1)

RNAV RWY19L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
BATOK3J TO G474											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	L	-	-220	-	RNAV 1
030	DF	BS901	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS902	-	087°(086.5°)	+0.58	5.8	-	-6000	-	-	RNAV 1
050	TF	MEZZO	-	087°(086.6°)	+0.58	9.2	L	-	-	-	RNAV 1
060	TF	NITRO	-	065°(063.9°)	+0.58	24.8	L	-	-	-	RNAV 1
070	TF	BATOK	-	064°(063.3°)	+0.58	30.2	-	-	-	-	RNAV 1
GORSI3J TO R468											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	L	-	-220	-	RNAV 1
030	DF	BS901	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS902	-	087°(086.5°)	+0.58	5.8	-	-6000	-	-	RNAV 1
050	TF	MEZZO	-	087°(086.6°)	+0.58	9.2	R	-	-	-	RNAV 1
060	TF	BS915	-	093°(092.1°)	+0.58	9.0	-	-	-	-	RNAV 1
070	TF	GORSI	-	093°(092.1°)	+0.58	8.7	-	-	-	-	RNAV 1
HHN3J TO W31											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS908	-	240°(239.2°)	+0.58	11.0	-	-9000	-	-	RNAV 1
050	TF	SALMA	-	240°(239.1°)	+0.58	21.5	L	-FL160	-	-	RNAV 1
060	TF	SABIS	-	181°(180.3°)	+0.58	14.4	R	-	-	-	RNAV 1
070	TF	HHN	-	213°(212.7°)	+0.58	25.9	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L**

BATOK3J GORSI3J HHN3J
KASNI3J KIGOB3J REGOS3J
RYN3J SABIS3J UKERA3J

TABULAR DESCRIPTION (2)

RNAV RWY19L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
KASNI3J TO M757											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	-	-	-220	-	RNAV 1
030	DF	BS903	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	SAMBA	-	194°(193.8°)	+0.58	5.9	L	-	-	-	RNAV 1
050	TF	BS905	-	181°(180.3°)	+0.58	8.1	-	-9000	-	-	RNAV 1
060	TF	KASNI	-	181°(180.3°)	+0.58	10.0	-	-	-	-	RNAV 1
KIGOB3J TO R201/M904/Y11											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	-	-	-220	-	RNAV 1
030	DF	BS903	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	SAMBA	-	194°(193.8°)	+0.58	5.9	L	-	-	-	RNAV 1
050	TF	BS904	-	149°(148.2°)	+0.58	8.1	-	-9000	-	-	RNAV 1
060	TF	KIGOB	-	149°(148.2°)	+0.58	11.0	-	-	-	-	RNAV 1
REGOS3J TO A464/W19, M751											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	-	-	-220	-	RNAV 1
030	DF	BS903	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	SAMBA	-	194°(193.8°)	+0.58	5.9	L	-	-	-	RNAV 1
050	TF	BS905	-	181°(180.3°)	+0.58	8.1	-	-9000	-	-	RNAV 1
060	TF	KASNI	-	181°(180.3°)	+0.58	10.0	R	-	-	-	RNAV 1
070	TF	REGOS	-	186°(185.0°)	+0.58	64.7	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L**

BATOK3J GORSI3J HHN3J
KASNI3J KIGOB3J REGOS3J
RYN3J SABIS3J UKERA3J

TABULAR DESCRIPTION (3)

RNAV RWY19L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
RYN3J TO N891											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	L	-	-220	-	RNAV 1
030	DF	BS901	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS902	-	087°(086.5°)	+0.58	5.8	-	-6000	-	-	RNAV 1
050	TF	MEZZO	-	087°(086.6°)	+0.58	9.2	R	-	-	-	RNAV 1
060	TF	BS915	-	093°(092.1°)	+0.58	9.0	R	-	-	-	RNAV 1
070	TF	RYN	-	149°(148.1°)	+0.58	52.1	-	-	-	-	RNAV 1
SABIS3J TO Y8											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS908	-	240°(239.2°)	+0.58	11.0	-	-9000	-	-	RNAV 1
050	TF	SALMA	-	240°(239.1°)	+0.58	21.5	L	-FL160	-	-	RNAV 1
060	TF	SABIS	-	181°(180.3°)	+0.58	14.4	-	-	-	-	RNAV 1
UKERA3J TO G458											
010	-	DER RWY19L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	LOUIS	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS908	-	240°(239.2°)	+0.58	11.0	-	-9000	-	-	RNAV 1
050	TF	SALMA	-	240°(239.1°)	+0.58	21.5	L	-FL160	-	-	RNAV 1
060	TF	SABIS	-	181°(180.3°)	+0.58	14.4	R	-	-	-	RNAV 1
070	TF	UKERA	-	190°(189.9°)	+0.58	58.5	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L**

BATOK3J GORSI3J HHN3J
KASNI3J KIGOB3J REGOS3J
RYN3J SABIS3J UKERA3J

WAYPOINT LIST

RNAV RWY19L	
Waypoint Identifier	Coordinates
DER RWY19L	13° 39' 24.11" N 100° 45' 06.59" E
BATOK	13° 56' 06.00" N 101° 53' 53.60" E
BS901	13° 30' 39.63" N 100° 47' 52.93" E
BS902	13° 31' 00.74" N 100° 53' 51.07" E
BS903	13° 28' 47.51" N 100° 42' 14.54" E
BS904	13° 16' 08.08" N 100° 45' 10.75" E
BS905	13° 14' 54.79" N 100° 40' 45.31" E
BS907	13° 31' 14.42" N 100° 40' 03.93" E
BS908	13° 25' 34.36" N 100° 30' 22.74" E
BS915	13° 31' 13.98" N 101° 12' 33.29" E
GORSI	13° 30' 54.64" N 101° 21' 28.05" E
HHN	12° 38' 04.04" N 099° 57' 04.23" E
KASNI	13° 04' 50.17" N 100° 40' 41.88" E
KIGOB	13° 06' 46.46" N 100° 51' 06.33" E
LOUIS	13° 35' 59.82" N 100° 44' 12.92" E
MEZZO	13° 31' 33.78" N 101° 03' 16.41" E
NITRO	13° 42' 28.69" N 101° 26' 07.28" E
REGOS	12° 00' 06.50" N 100° 34' 54.30" E
RYN	12° 46' 48.30" N 101° 40' 41.70" E
SABIS	12° 59' 58.53" N 100° 11' 24.53" E
SALMA	13° 14' 28.89" N 100° 11' 28.72" E
SAMBA	13° 23' 02.66" N 100° 40' 48.12" E
UKERA	12° 02' 07.25" N 100° 01' 09.59" E

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
: 120.3, 262.5
: 121.7, 262.5
: 122.35, 262.5
: 124.35, 262.5
: 125.2, 262.5

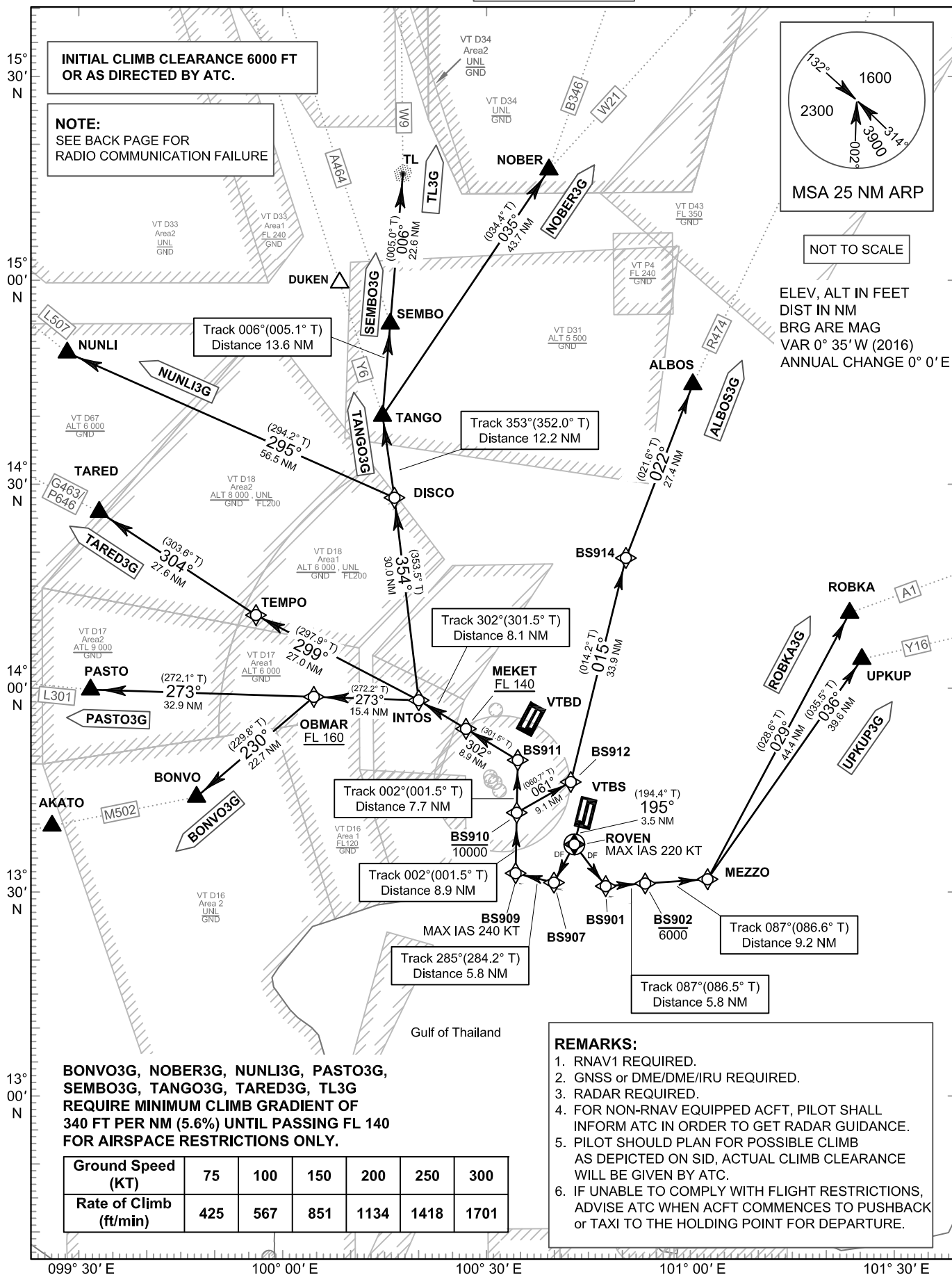
ARR : 121.1
: 126.3

TWR : 118.2, 274.5
: 119.0

ATIS : 133.6, 278.6

BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19R

ALBOS3G BONVO3G
NOBER3G NUNLI3G PASTO3G
ROBKA3G SEMBO3G TANGO3G
TARED3G TL3G UPKUP3G



BONVO3G, NOBER3G, NUNLI3G, PASTO3G,
SEMBO3G, TANGO3G, TARED3G, TL3G
REQUIRE MINIMUM CLIMB GRADIENT OF
340 FT PER NM (5.6%) UNTIL PASSING FL 140
FOR AIRSPACE RESTRICTIONS ONLY.

Ground Speed (KT)	75	100	150	200	250	300
Rate of Climb (ft/min)	425	567	851	1134	1418	1701

REMARKS:

1. RNAV1 REQUIRED.
2. GNSS or DME/DME/IRU REQUIRED.
3. RADAR 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.

CHANGE: NEW PROCEDURES.

ALBOS3G BONVO3G
NOBER3G NUNLI3G PASTO3G
ROBKA3G SEMBO3G TANGO3G
TARED3G TL3G UPKUP3G

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 VTBS AD 2.22, RADIO COMMUNICATION FAILURE.

WAYPOINT PRONUNCIATION

Waypoint Identifier	Pronunciation	Waypoint Identifier	Pronunciation
DER RWY19R	-	MEZZO	MES - ZOH
ALBOS	AL - BOSS	NOBER	NO - BER
BONVO	BONG - VOH	NUNLI	NUN - LEE
BS901	-	OBMAR	OB - MAR
BS902	-	PASTO	PAS - TOW
BS907	-	ROBKA	ROB - KAH
BS909	-	ROVEN	ROH - VEN
BS910	-	SEMBO	SEM - BO
BS911	-	TANGO	TANG - GO
BS912	-	TARED	TAH - RED
BS914	-	TEMPO	TEM - POH
DISCO	DIS - KOH	TL	TA - KLEE
INTOS	IN - TOSS	UPKUP	UP - CUP
MEKET	MEH - KET		

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19R**

ALBOS3G BONVO3G
NOBER3G NUNLI3G PASTO3G
ROBKA3G SEMBO3G TANGO3G
TARED3G TL3G UPKUP3G

TABULAR DESCRIPTION (1)

RNAV RWY19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
ALBOS3G TO R474											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	R	-10000	-	-	RNAV 1
060	TF	BS912	-	061°(060.7°)	+0.58	9.1	L	-	-	-	RNAV 1
070	TF	BS914	-	015°(014.2°)	+0.58	33.9	R	-	-	-	RNAV 1
080	TF	ALBOS	-	022°(021.6°)	+0.58	27.4	-	-	-	-	RNAV 1
BONVO3G TO M502											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	L	-	-	-	RNAV 1
090	TF	OBMAR	-	273°(272.2°)	+0.58	15.4	L	+FL160	-	-	RNAV 1
100	TF	BONVO	-	230°(229.8°)	+0.58	22.7	-	-	-	-	RNAV 1
NOBER3G TO B346, W21											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	R	-	-	-	RNAV 1
090	TF	DISCO	-	354°(353.5°)	+0.58	30.0	L	-	-	-	RNAV 1
100	TF	TANGO	-	353°(352.0°)	+0.58	12.2	R	-	-	-	RNAV 1
110	TF	NOBER	-	035°(034.4°)	+0.58	43.7	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19R**

ALBOS3G BONVO3G
NOBER3G NUNLI3G PASTO3G
ROBKA3G SEMBO3G TANGO3G
TARED3G TL3G UPKUP3G

TABULAR DESCRIPTION (2)

RNAV RWY19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
NUNLI3G TO L507											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	R	-	-	-	RNAV 1
090	TF	DISCO	-	354°(353.5°)	+0.58	30.0	L	-	-	-	RNAV 1
100	TF	NUNLI	-	295°(294.2°)	+0.58	56.5	-	-	-	-	RNAV 1
PASTO3G TO L301											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	L	-	-	-	RNAV 1
090	TF	OBBMAR	-	273°(272.2°)	+0.58	15.4	-	+FL160	-	-	RNAV 1
100	TF	PASTO	-	273°(272.1°)	+0.58	32.9	-	-	-	-	RNAV 1
ROBKA3G TO A1											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	L	-	-220	-	RNAV 1
030	DF	BS901	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS902	-	087°(086.5°)	+0.58	5.8	-	-6000	-	-	RNAV 1
050	TF	MEZZO	-	087°(086.6°)	+0.58	9.2	L	-	-	-	RNAV 1
060	TF	ROBKA	-	029°(028.6°)	+0.58	44.4	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19R**

ALBOS3G BONVO3G
NOBER3G NUNLI3G PASTO3G
ROBKA3G SEMBO3G TANGO3G
TARED3G TL3G UPKUP3G

TABULAR DESCRIPTION (3)

RNAV RWY19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
SEMBO3G TO A464											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	R	-	-	-	RNAV 1
090	TF	DISCO	-	354°(353.5°)	+0.58	30.0	L	-	-	-	RNAV 1
100	TF	TANGO	-	353°(352.0°)	+0.58	12.2	R	-	-	-	RNAV 1
110	TF	SEMBO	-	006°(005.1°)	+0.58	13.6	-	-	-	-	RNAV 1
TANGO3G TO Y6											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	R	-	-	-	RNAV 1
090	TF	DISCO	-	354°(353.5°)	+0.58	30.0	L	-	-	-	RNAV 1
100	TF	TANGO	-	353°(352.0°)	+0.58	12.2	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19R**

ALBOS3G BONVO3G
NOBER3G NUNLI3G PASTO3G
ROBKA3G SEMBO3G TANGO3G
TARED3G TL3G UPKUP3G

TABULAR DESCRIPTION (4)

RNAV RWY19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
TARED3G TO G463/P646											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	L	-	-	-	RNAV 1
090	TF	TEMPO	-	299°(297.9°)	+0.58	27.0	R	-	-	-	RNAV 1
100	TF	TARED	-	304°(303.6°)	+0.58	27.6	-	-	-	-	RNAV 1
TL3G TO W9											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS909	-	285°(284.2°)	+0.58	5.8	R	-	-240	-	RNAV 1
050	TF	BS910	-	002°(001.5°)	+0.58	8.9	-	-10000	-	-	RNAV 1
060	TF	BS911	-	002°(001.5°)	+0.58	7.7	L	-	-	-	RNAV 1
070	TF	MEKET	-	302°(301.5°)	+0.58	8.9	-	+FL140	-	-	RNAV 1
080	TF	INTOS	-	302°(301.5°)	+0.58	8.1	R	-	-	-	RNAV 1
090	TF	DISCO	-	354°(353.5°)	+0.58	30.0	L	-	-	-	RNAV 1
100	TF	TANGO	-	353°(352.0°)	+0.58	12.2	R	-	-	-	RNAV 1
110	TF	SEMBO	-	006°(005.1°)	+0.58	13.6	-	-	-	-	RNAV 1
120	TF	TL	-	006°(005.0°)	+0.58	22.6	-	-	-	-	RNAV 1
UPKUP3G TO Y16											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	L	-	-220	-	RNAV 1
030	DF	BS901	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS902	-	087°(086.5°)	+0.58	5.8	-	-6000	-	-	RNAV 1
050	TF	MEZZO	-	087°(086.6°)	+0.58	9.2	L	-	-	-	RNAV 1
060	TF	UPKUP	-	036°(035.5°)	+0.58	39.6	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19R**

ALBOS3G BONVO3G
NOBER3G NUNLI3G PASTO3G
ROBKA3G SEMBO3G TANGO3G
TARED3G TL3G UPKUP3G

WAYPOINT LIST

RNAV RWY19R	
Waypoint Identifier	Coordinates
DER RWY19R	13° 40' 16.60" N 100° 44' 04.79" E
ALBOS	14° 44' 41.70" N 101° 01' 41.90" E
BONVO	13° 44' 10.47" N 099° 46' 06.72" E
BS901	13° 30' 39.63" N 100° 47' 52.93" E
BS902	13° 31' 00.74" N 100° 53' 51.07" E
BS907	13° 31' 14.42" N 100° 40' 03.93" E
BS909	13° 32' 40.09" N 100° 34' 16.99" E
BS910	13° 41' 36.08" N 100° 34' 31.08" E
BS911	13° 49' 22.54" N 100° 34' 43.38" E
BS912	13° 46' 05.33" N 100° 42' 42.85" E
BS914	14° 19' 08.00" N 100° 51' 18.42" E
DISCO	14° 28' 15.59" N 100° 16' 17.24" E
INTOS	13° 58' 18.55" N 100° 19' 47.12" E
MEKET	13° 54' 02.87" N 100° 26' 54.95" E
MEZZO	13° 31' 33.78" N 101° 03' 16.41" E
NOBER	15° 16' 35.60" N 100° 40' 06.00" E
NUNLI	14° 51' 27.45" N 099° 23' 03.60" E
OBMAR	13° 58' 53.52" N 100° 03' 54.64" E
PASTO	14° 00' 04.50" N 099° 30' 06.94" E
ROBKA	14° 10' 42.95" N 101° 25' 07.95" E
ROVEN	13° 36' 52.30" N 100° 43' 11.13" E
SEMBO	14° 53' 59.16" N 100° 15' 47.92" E
TANGO	14° 40' 22.25" N 100° 14' 32.54" E
TARED	14° 26' 19.52" N 099° 31' 28.87" E
TEMPO	14° 11' 00.89" N 099° 55' 11.97" E
TL	15° 16' 33.45" N 100° 17' 51.11" E
UPKUP	14° 03' 52.65" N 101° 26' 54.84" E

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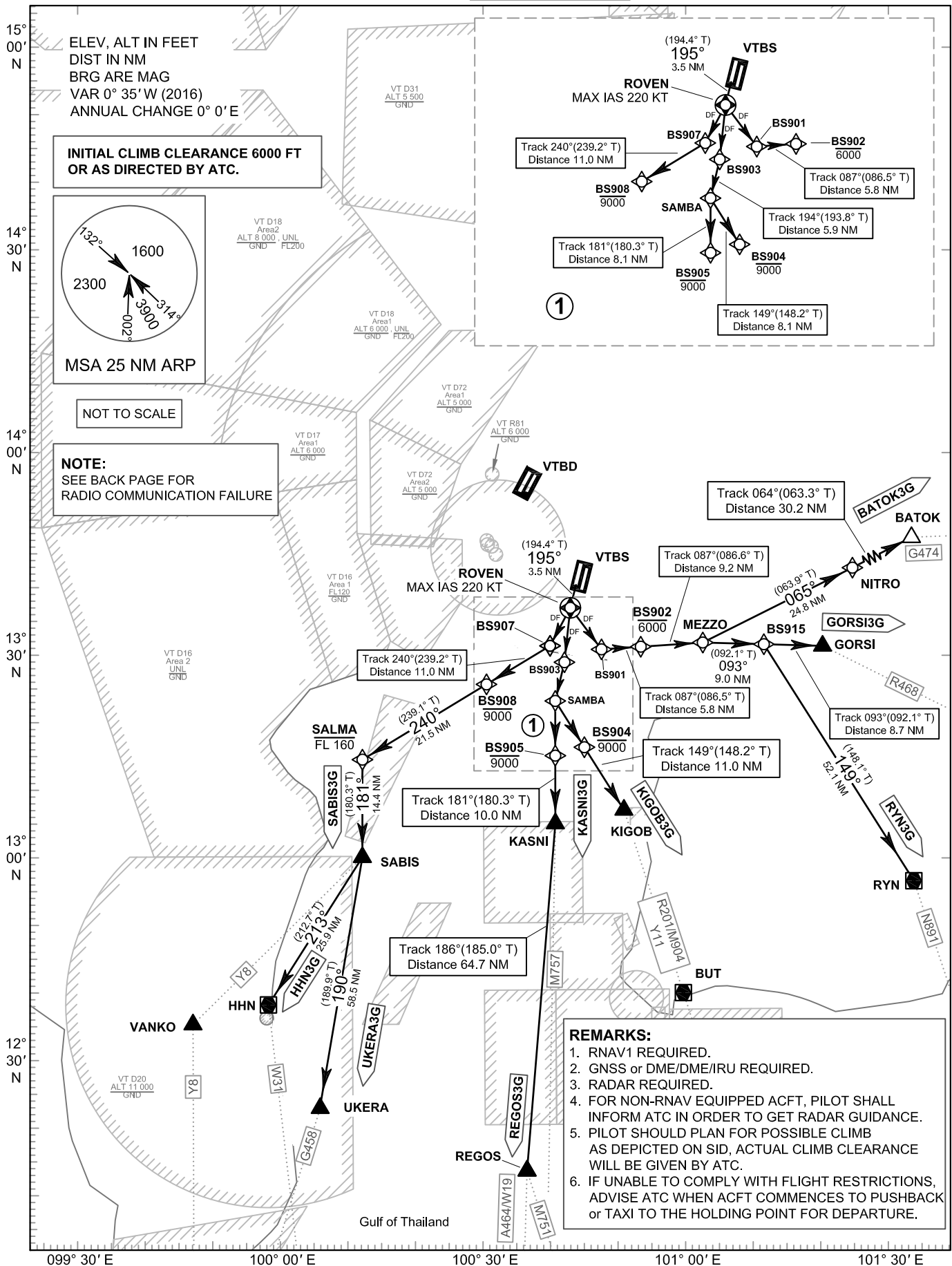
STANDARD DEPARTURE CHART-
INSTRUMENT (SID) - ICAO

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
	: 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

BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19R

BATOK3G GORSI3G HHN3G
KASNI3G KIGOB3G REGOS3G
RYN3G SABIS3G UKERA3G



CHANGE: NEW PROCEDURES.

BATOK3G GORSI3G HHN3G
KASNI3G KIGOB3G REGOS3G
RYN3G SABIS3G UKERA3G

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 VTBS AD 2.22, RADIO COMMUNICATION FAILURE.

WAYPOINT PRONUNCIATION

Waypoint Identifier	Pronunciation	Waypoint Identifier	Pronunciation
DER RWY19R	-	KASNI	KAS - NEE
BATOK	BAH - TOK	KIGOB	KEE - GOB
BS901	-	MEZZO	MES - ZOH
BS902	-	NITRO	NAI - TRO
BS903	-	REGOS	REE - GOSS
BS904	-	ROVEN	ROH - VEN
BS905	-	RYN	RA - YONG
BS907	-	SABIS	SAH - BISS
BS908	-	SALMA	SAL - MAH
BS915	-	SAMBA	SAM - BAH
GORSI	GOR - SEE	UKERA	U - KEY - RAH
HHN	HUA - HIN		

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19R**

BATOK3G GORSI3G HHN3G
KASNI3G KIGOB3G REGOS3G
RYN3G SABIS3G UKERA3G

TABULAR DESCRIPTION (1)

RNAV RWY19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
BATOK3G TO G474											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	L	-	-220	-	RNAV 1
030	DF	BS901	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS902	-	087°(086.5°)	+0.58	5.8	-	-6000	-	-	RNAV 1
050	TF	MEZZO	-	087°(086.6°)	+0.58	9.2	L	-	-	-	RNAV 1
060	TF	NITRO	-	065°(063.9°)	+0.58	24.8	L	-	-	-	RNAV 1
070	TF	BATOK	-	064°(063.3°)	+0.58	30.2	-	-	-	-	RNAV 1
GORSI3G TO R468											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	L	-	-220	-	RNAV 1
030	DF	BS901	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS902	-	087°(086.5°)	+0.58	5.8	-	-6000	-	-	RNAV 1
050	TF	MEZZO	-	087°(086.6°)	+0.58	9.2	R	-	-	-	RNAV 1
060	TF	BS915	-	093°(092.1°)	+0.58	9.0	-	-	-	-	RNAV 1
070	TF	GORSI	-	093°(092.1°)	+0.58	8.7	-	-	-	-	RNAV 1
HHN3G TO W31											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS908	-	240°(239.2°)	+0.58	11.0	-	-9000	-	-	RNAV 1
050	TF	SALMA	-	240°(239.1°)	+0.58	21.5	L	-FL160	-	-	RNAV 1
060	TF	SABIS	-	181°(180.3°)	+0.58	14.4	R	-	-	-	RNAV 1
070	TF	HHN	-	213°(212.7°)	+0.58	25.9	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19R**

BATOK3G GORSI3G HHN3G
KASNI3G KIGOB3G REGOS3G
RYN3G SABIS3G UKERA3G

TABULAR DESCRIPTION (2)

RNAV RWY19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
KASNI3G TO M757											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	L	-	-220	-	RNAV 1
030	DF	BS903	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	SAMBA	-	194°(193.8°)	+0.58	5.9	L	-	-	-	RNAV 1
050	TF	BS905	-	181°(180.3°)	+0.58	8.1	-	-9000	-	-	RNAV 1
060	TF	KASNI	-	181°(180.3°)	+0.58	10.0	-	-	-	-	RNAV 1
KIGOB3G TO R201/M904/Y11											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	L	-	-220	-	RNAV 1
030	DF	BS903	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	SAMBA	-	194°(193.8°)	+0.58	5.9	L	-	-	-	RNAV 1
050	TF	BS904	-	149°(148.2°)	+0.58	8.1	-	-9000	-	-	RNAV 1
060	TF	KIGOB	-	149°(148.2°)	+0.58	11.0	-	-	-	-	RNAV 1
REGOS3G TO A464/W19, M751											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	L	-	-220	-	RNAV 1
030	DF	BS903	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	SAMBA	-	194°(193.8°)	+0.58	5.9	L	-	-	-	RNAV 1
050	TF	BS905	-	181°(180.3°)	+0.58	8.1	-	-9000	-	-	RNAV 1
060	TF	KASNI	-	181°(180.3°)	+0.58	10.0	R	-	-	-	RNAV 1
070	TF	REGOS	-	186°(185.0°)	+0.58	64.7	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19R**

BATOK3G GORSI3G HHN3G
KASNI3G KIGOB3G REGOS3G
RYN3G SABIS3G UKERA3G

TABULAR DESCRIPTION (3)

RNAV RWY19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
RYN3G TO N891											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	L	-	-220	-	RNAV 1
030	DF	BS901	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS902	-	087°(086.5°)	+0.58	5.8	-	-6000	-	-	RNAV 1
050	TF	MEZZO	-	087°(086.6°)	+0.58	9.2	R	-	-	-	RNAV 1
060	TF	BS915	-	093°(092.1°)	+0.58	9.0	R	-	-	-	RNAV 1
070	TF	RYN	-	149°(148.1°)	+0.58	52.1	-	-	-	-	RNAV 1
SABIS3G TO Y8											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS908	-	240°(239.2°)	+0.58	11.0	-	-9000	-	-	RNAV 1
050	TF	SALMA	-	240°(239.1°)	+0.58	21.5	L	-FL160	-	-	RNAV 1
060	TF	SABIS	-	181°(180.3°)	+0.58	14.4	-	-	-	-	RNAV 1
UKERA3G TO G458											
010	-	DER RWY19R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	ROVEN	Y	195°(194.4°)	+0.58	3.5	R	-	-220	-	RNAV 1
030	DF	BS907	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS908	-	240°(239.2°)	+0.58	11.0	-	-9000	-	-	RNAV 1
050	TF	SALMA	-	240°(239.1°)	+0.58	21.5	L	-FL160	-	-	RNAV 1
060	TF	SABIS	-	181°(180.3°)	+0.58	14.4	R	-	-	-	RNAV 1
070	TF	UKERA	-	190°(189.9°)	+0.58	58.5	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19R**

BATOK3G GORSI3G HHN3G
KASNI3G KIGOB3G REGOS3G
RYN3G SABIS3G UKERA3G

WAYPOINT LIST

RNAV RWY19R	
Waypoint Identifier	Coordinates
DER RWY19R	13° 40' 16.60" N 100° 44' 04.79" E
BATOK	13° 56' 06.00" N 101° 53' 53.60" E
BS901	13° 30' 39.63" N 100° 47' 52.93" E
BS902	13° 31' 00.74" N 100° 53' 51.07" E
BS903	13° 28' 47.51" N 100° 42' 14.54" E
BS904	13° 16' 08.08" N 100° 45' 10.75" E
BS905	13° 14' 54.79" N 100° 40' 45.31" E
BS907	13° 31' 14.42" N 100° 40' 03.93" E
BS908	13° 25' 34.36" N 100° 30' 22.74" E
BS915	13° 31' 13.98" N 101° 12' 33.29" E
GORSI	13° 30' 54.64" N 101° 21' 28.05" E
HHN	12° 38' 04.04" N 099° 57' 04.23" E
KASNI	13° 04' 50.17" N 100° 40' 41.88" E
KIGOB	13° 06' 46.46" N 100° 51' 06.33" E
MEZZO	13° 31' 33.78" N 101° 03' 16.41" E
NITRO	13° 42' 28.69" N 101° 26' 07.28" E
REGOS	12° 00' 06.50" N 100° 34' 54.30" E
ROVEN	13° 36' 52.30" N 100° 43' 11.13" E
RYN	12° 46' 48.30" N 101° 40' 41.70" E
SABIS	12° 59' 58.53" N 100° 11' 24.53" E
SALMA	13° 14' 28.89" N 100° 11' 28.72" E
SAMBA	13° 23' 02.66" N 100° 40' 48.12" E
UKERA	12° 02' 07.25" N 100° 01' 09.59" E

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

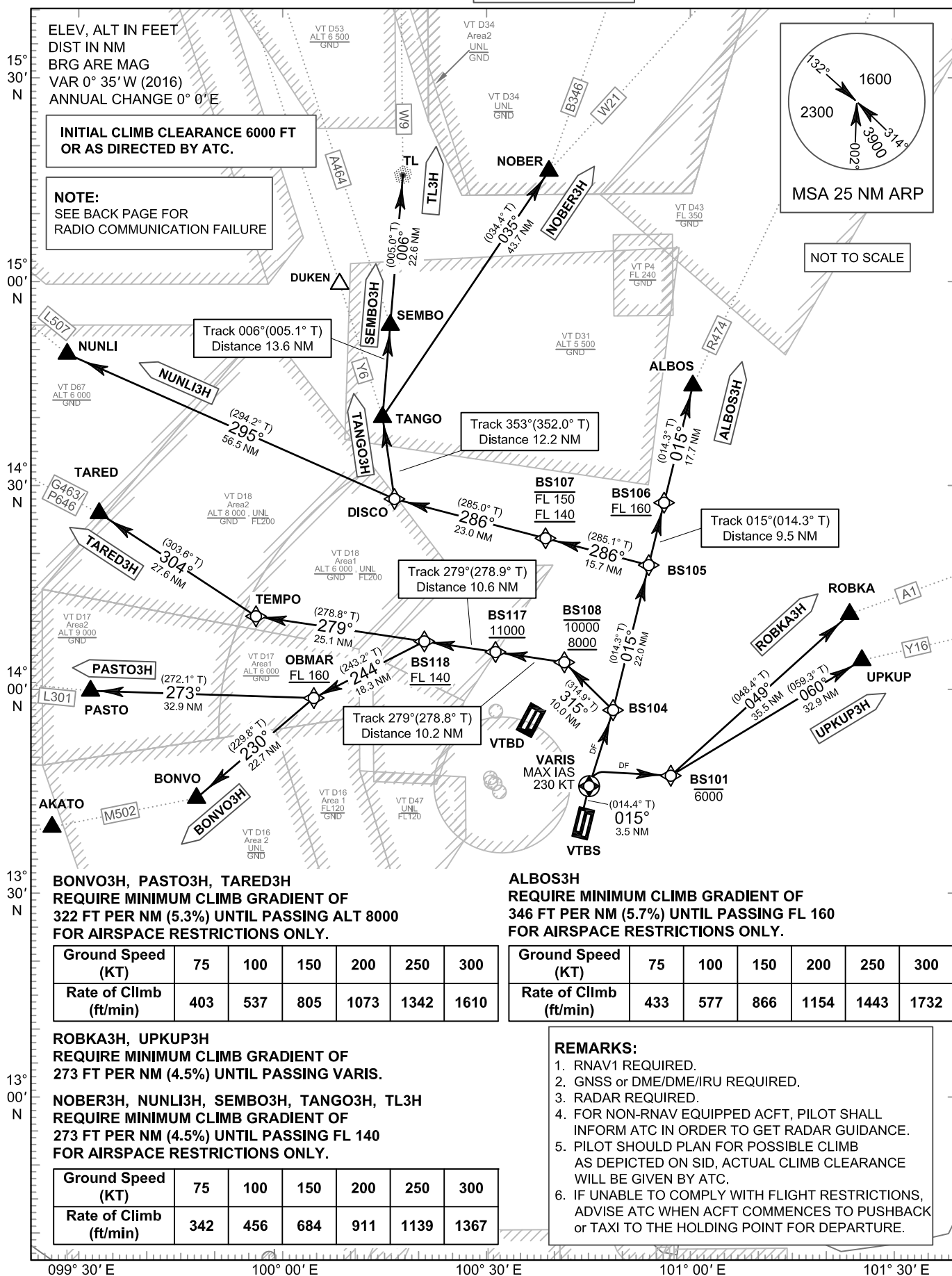
TRANSITION ALTITUDE
11000 FT

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

APP : 119.1, 262.5
: 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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01L**

ALBOS3H BONVO3H
NOBER3H NUNLI3H PASTO3H
ROBKA3H SEMBO3H TANGO3H
TARED3H TL3H UPKUP3H



CHANGE: NEW PROCEDURES.

ALBOS3H BONVO3H
NOBER3H NUNLI3H PASTO3H
ROBKA3H SEMBO3H TANGO3H
TARED3H TL3H UPKUP3H

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 VTBS AD 2.22, RADIO COMMUNICATION FAILURE.

WAYPOINT PRONUNCIATION

Waypoint Identifier	Pronunciation	Waypoint Identifier	Pronunciation
DER RWY01L	-	NOBER	NO - BER
ALBOS	AL - BOSS	NUNLI	NUN - LEE
BONVO	BONG - VOH	OBMAR	OB - MAR
BS101	-	PASTO	PAS - TOW
BS104	-	ROBKA	ROB - KAH
BS105	-	SEMBO	SEM - BO
BS106	-	TANGO	TANG - GO
BS107	-	TARED	TAH - RED
BS108	-	TEMPO	TEM - POH
BS117	-	TL	TA - KLEE
BS118	-	UPKUP	UP - CUP
DISCO	DIS - KOH	VARIS	VAH - RISS

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01L**

ALBOS3H BONVO3H
NOBER3H NUNLI3H PASTO3H
ROBKA3H SEMBO3H TANGO3H
TARED3H TL3H UPKUP3H

TABULAR DESCRIPTION (1)

RNAV RWY01L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/TCH	Navigation Specification
ALBOS3H TO R474											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS105	-	015°(014.3°)	+0.58	22.0	-	-	-	-	RNAV 1
050	TF	BS106	-	015°(014.3°)	+0.58	9.5	-	+FL160	-	-	RNAV 1
060	TF	ALBOS	-	015°(014.3°)	+0.58	17.7	-	-	-	-	RNAV 1
BONVO3H TO M502											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS108	-	315°(314.9°)	+0.58	10.0	L	-10000 ; +8000	-	-	RNAV 1
050	TF	BS117	-	279°(278.8°)	+0.58	10.2	-	+11000	-	-	RNAV 1
060	TF	BS118	-	279°(278.9°)	+0.58	10.6	L	+FL140	-	-	RNAV 1
070	TF	OBMAR	-	244°(243.2°)	+0.58	18.3	L	+FL160	-	-	RNAV 1
080	TF	BONVO	-	230°(229.8°)	+0.58	22.7	-	-	-	-	RNAV 1
NOBER3H TO B346, W21											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS105	-	015°(014.3°)	+0.58	22.0	L	-	-	-	RNAV 1
050	TF	BS107	-	286°(285.1°)	+0.58	15.7	-	-FL150 ; +FL140	-	-	RNAV 1
060	TF	DISCO	-	286°(285.0°)	+0.58	23.0	R	-	-	-	RNAV 1
070	TF	TANGO	-	353°(352.0°)	+0.58	12.2	R	-	-	-	RNAV 1
080	TF	NOBER	-	035°(034.4°)	+0.58	43.7	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01L**

ALBOS3H BONVO3H
NOBER3H NUNLI3H PASTO3H
ROBKA3H SEMBO3H TANGO3H
TARED3H TL3H UPKUP3H

TABULAR DESCRIPTION (2)

RNAV RWY01L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
NUNLI3H TO L507											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS105	-	015°(014.3°)	+0.58	22.0	L	-	-	-	RNAV 1
050	TF	BS107	-	286°(285.1°)	+0.58	15.7	-	-FL150; +FL140	-	-	RNAV 1
060	TF	DISCO	-	286°(285.0°)	+0.58	23.0	R	-	-	-	RNAV 1
070	TF	NUNLI	-	295°(294.2°)	+0.58	56.5	-	-	-	-	RNAV 1
PASTO3H TO L301											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS108	-	315°(314.9°)	+0.58	10.0	L	-10000; +8000	-	-	RNAV 1
050	TF	BS117	-	279°(278.8°)	+0.58	10.2	-	+11000	-	-	RNAV 1
060	TF	BS118	-	279°(278.9°)	+0.58	10.6	L	+FL140	-	-	RNAV 1
070	TF	OBMAR	-	244°(243.2°)	+0.58	18.3	R	+FL160	-	-	RNAV 1
080	TF	PASTO	-	273°(272.1°)	+0.58	32.9	-	-	-	-	RNAV 1
ROBKA3H TO A1											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	ROBKA	-	049°(048.4°)	+0.58	35.5	-	-	-	-	RNAV 1
SEMBO3H TO A464											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS105	-	015°(014.3°)	+0.58	22.0	L	-	-	-	RNAV 1
050	TF	BS107	-	286°(285.1°)	+0.58	15.7	-	-FL150; +FL140	-	-	RNAV 1
060	TF	DISCO	-	286°(285.0°)	+0.58	23.0	R	-	-	-	RNAV 1
070	TF	TANGO	-	353°(352.0°)	+0.58	12.2	R	-	-	-	RNAV 1
080	TF	SEMBO	-	006°(005.1°)	+0.58	13.6	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01L**

ALBOS3H BONVO3H
NOBER3H NUNLI3H PASTO3H
ROBKA3H SEMBO3H TANGO3H
TARED3H TL3H UPKUP3H

TABULAR DESCRIPTION (3)

RNAV RWY01L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
TANGO3H TO Y6											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS105	-	015°(014.3°)	+0.58	22.0	L	-	-	-	RNAV 1
050	TF	BS107	-	286°(285.1°)	+0.58	15.7	-	-FL150 ; +FL140	-	-	RNAV 1
060	TF	DISCO	-	286°(285.0°)	+0.58	23.0	R	-	-	-	RNAV 1
070	TF	TANGO	-	353°(352.0°)	+0.58	12.2	-	-	-	-	RNAV 1
TARED3H TO G463/P646											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS108	-	315°(314.9°)	+0.58	10.0	L	-10000 ; +8000	-	-	RNAV 1
050	TF	BS117	-	279°(278.8°)	+0.58	10.2	-	+11000	-	-	RNAV 1
060	TF	BS118	-	279°(278.9°)	+0.58	10.6	-	+FL140	-	-	RNAV 1
070	TF	TEMPO	-	279°(278.8°)	+0.58	25.1	R	-	-	-	RNAV 1
080	TF	TARED	-	304°(303.6°)	+0.58	27.6	-	-	-	-	RNAV 1
TL3H TO W9											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS105	-	015°(014.3°)	+0.58	22.0	L	-	-	-	RNAV 1
050	TF	BS107	-	286°(285.1°)	+0.58	15.7	-	-FL150 ; +FL140	-	-	RNAV 1
060	TF	DISCO	-	286°(285.0°)	+0.58	23.0	R	-	-	-	RNAV 1
070	TF	TANGO	-	353°(352.0°)	+0.58	12.2	R	-	-	-	RNAV 1
080	TF	SEMBO	-	006°(005.1°)	+0.58	13.6	-	-	-	-	RNAV 1
090	TF	TL	-	006°(005.0°)	+0.58	22.6	-	-	-	-	RNAV 1
UPKUP3H TO Y16											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	UPKUP	-	060°(059.3°)	+0.58	32.9	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01L**

ALBOS3H BONVO3H
NOBER3H NUNLI3H PASTO3H
ROBKA3H SEMBO3H TANGO3H
TARED3H TL3H UPKUP3H

WAYPOINT LIST

RNAV RWY01L	
Waypoint Identifier	Coordinates
DER RWY01L	13° 42' 13.21" N 100° 44' 35.44" E
ALBOS	14° 44' 41.70" N 101° 01' 41.90" E
BONVO	13° 44' 10.47" N 099° 46' 06.72" E
BS101	13° 47' 04.50" N 100° 57' 50.60" E
BS104	13° 56' 50.27" N 100° 49' 11.95" E
BS105	14° 18' 13.51" N 100° 54' 46.31" E
BS106	14° 27' 25.68" N 100° 57' 10.58" E
BS107	14° 22' 18.62" N 100° 39' 09.50" E
BS108	14° 03' 57.63" N 100° 41' 52.58" E
BS117	14° 05' 32.89" N 100° 31' 27.63" E
BS118	14° 07' 10.87" N 100° 20' 41.58" E
DISCO	14° 28' 15.59" N 100° 16' 17.24" E
NOBER	15° 16' 35.60" N 100° 40' 06.00" E
NUNLI	14° 51' 27.45" N 099° 23' 03.60" E
OBMAR	13° 58' 53.52" N 100° 03' 54.64" E
PASTO	14° 00' 04.50" N 099° 30' 06.94" E
ROBKA	14° 10' 42.95" N 101° 25' 07.95" E
SEMBO	14° 53' 59.16" N 100° 15' 47.92" E
TANGO	14° 40' 22.25" N 100° 14' 32.54" E
TARED	14° 26' 19.52" N 099° 31' 28.87" E
TEMPO	14° 11' 00.89" N 099° 55' 11.97" E
TL	15° 16' 33.45" N 100° 17' 51.11" E
UPKUP	14° 03' 52.65" N 101° 26' 54.84" E
VARIS	13° 45' 37.45" N 100° 45' 29.14" E

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
: 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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01L**

BATOK3H GORSI3H HHN3H
KASNI3H KIGOB3H REGOS3H
RYN3H SABIS3H UKERA3H

**BATOK3H, GORSI3H, KASNI3H, KIGOB3H,
REGOS3H, RYN3H
REQUIRE MINIMUM CLIMB GRADIENT OF
273 FT PER NM (4.5%) UNTIL PASSING VARIS.**

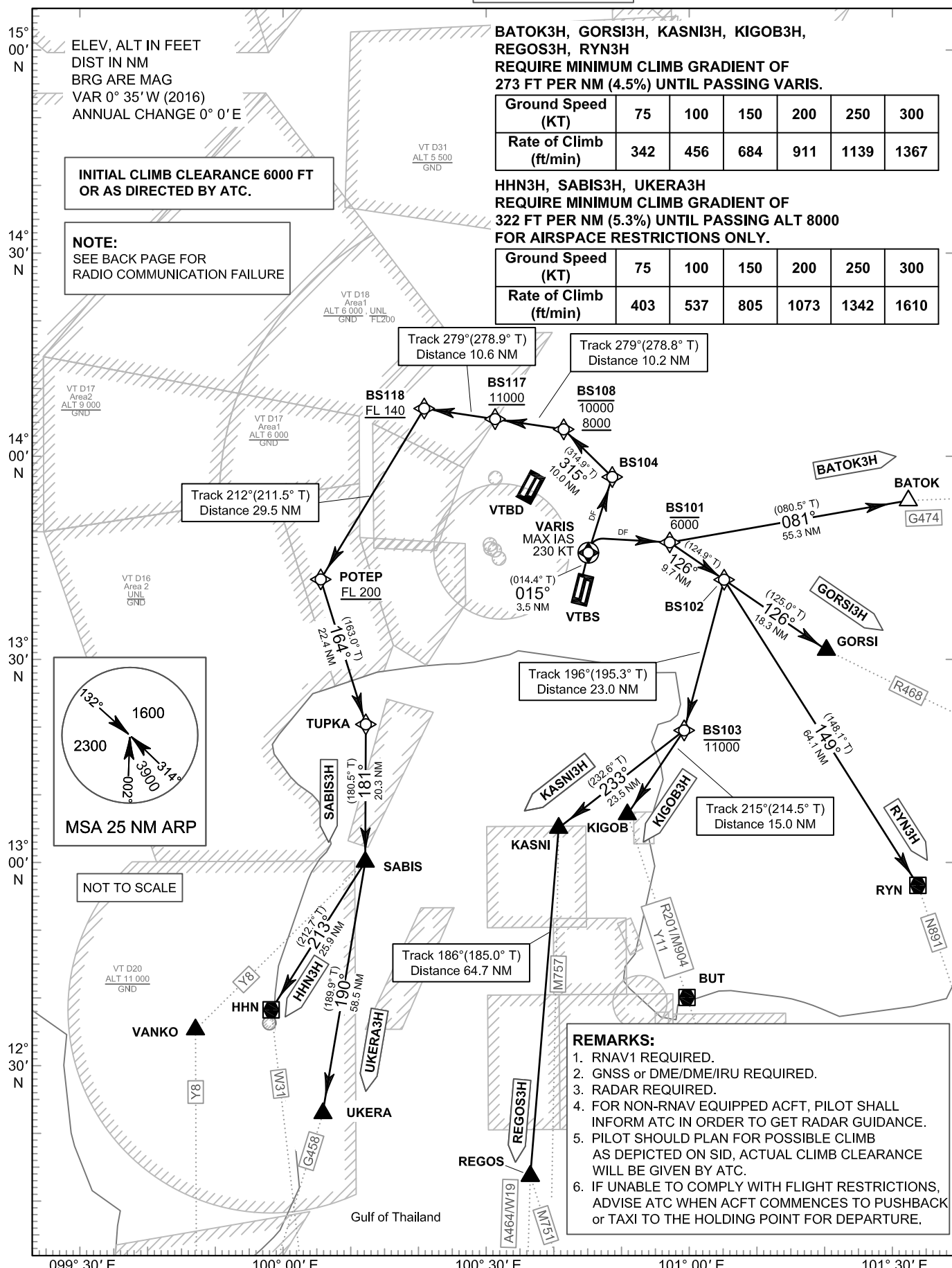
Ground Speed (KT)	75	100	150	200	250	300
Rate of Climb (ft/min)	342	456	684	911	1139	1367

**HHN3H, SABIS3H, UKERA3H
REQUIRE MINIMUM CLIMB GRADIENT OF
322 FT PER NM (5.3%) UNTIL PASSING ALT 8000
FOR AIRSPACE RESTRICTIONS ONLY.**

Ground Speed (KT)	75	100	150	200	250	300
Rate of Climb (ft/min)	403	537	805	1073	1342	1610

**INITIAL CLIMB CLEARANCE 6000 FT
OR AS DIRECTED BY ATC.**

NOTE:
SEE BACK PAGE FOR
RADIO COMMUNICATION FAILURE



CHANGE: NEW PROCEDURES.

BATOK3H GORSI3H HHN3H
KASNI3H KIGOB3H REGOS3H
RYN3H SABIS3H UKERA3H

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 VTBS AD 2.22, RADIO COMMUNICATION FAILURE.

WAYPOINT PRONUNCIATION

Waypoint Identifier	Pronunciation	Waypoint Identifier	Pronunciation
DER RWY01L	-	HHN	HUA - HIN
BATOK	BAH - TOK	KASNI	KAS - NEE
BS101	-	KIGOB	KEE - GOB
BS102	-	POTEP	POH - TEP
BS103	-	REGOS	REE - GOSS
BS104	-	RYN	RA - YONG
BS108	-	SABIS	SAH - BISS
BS117	-	TUPKA	TUP - KAH
BS118	-	UKERA	U - KEY - RAH
GORSI	GOR - SEE	VARIS	VAH - RISS

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01L**

BATOK3H GORSI3H HHN3H
KASNI3H KIGOB3H REGOS3H
RYN3H SABIS3H UKERA3H

TABULAR DESCRIPTION (1)

RNAV RWY01L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
BATOK3H TO G474											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	BATOK	-	081°(080.5°)	+0.58	55.3	-	-	-	-	RNAV 1
GORSI3H TO R468											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	BS102	-	126°(124.9°)	+0.58	9.7	-	-	-	-	RNAV 1
050	TF	GORSI	-	126°(125.0°)	+0.58	18.3	-	-	-	-	RNAV 1
HHN3H TO W31											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS108	-	315°(314.9°)	+0.58	10.0	L	-10000 ; +8000	-	-	RNAV 1
050	TF	BS117	-	279°(278.8°)	+0.58	10.2	-	+11000	-	-	RNAV 1
060	TF	BS118	-	279°(278.9°)	+0.58	10.6	L	+FL140	-	-	RNAV 1
070	TF	POTEP	-	212°(211.5°)	+0.58	29.5	L	+FL200	-	-	RNAV 1
080	TF	TUPKA	-	164°(163.0°)	+0.58	22.4	R	-	-	-	RNAV 1
090	TF	SABIS	-	181°(180.5°)	+0.58	20.3	R	-	-	-	RNAV 1
100	TF	HHN	-	213°(212.7°)	+0.58	25.9	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01L**

BATOK3H GORSI3H HHN3H
KASNI3H KIGOB3H REGOS3H
RYN3H SABIS3H UKERA3H

TABULAR DESCRIPTION (2)

RNAV RWY01L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
KASNI3H TO M757											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	BS102	-	126°(124.9°)	+0.58	9.7	R	-	-	-	RNAV 1
050	TF	BS103	-	196°(195.3°)	+0.58	23.0	R	-11000	-	-	RNAV 1
060	TF	KASNI	-	233°(232.6°)	+0.58	23.5	-	-	-	-	RNAV 1
KIGOB3H TO R201/M904/Y11											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	BS102	-	126°(124.9°)	+0.58	9.7	R	-	-	-	RNAV 1
050	TF	BS103	-	196°(195.3°)	+0.58	23.0	R	-11000	-	-	RNAV 1
060	TF	KIGOB	-	215°(214.5°)	+0.58	15.0	-	-	-	-	RNAV 1
REGOS3H TO A464/W19, M751											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	BS102	-	126°(124.9°)	+0.58	9.7	R	-	-	-	RNAV 1
050	TF	BS103	-	196°(195.3°)	+0.58	23.0	R	-11000	-	-	RNAV 1
060	TF	KASNI	-	233°(232.6°)	+0.58	23.5	L	-	-	-	RNAV 1
070	TF	REGOS	-	186°(185.0°)	+0.58	64.7	-	-	-	-	RNAV 1
RYN3H TO N891											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	BS102	-	126°(124.9°)	+0.58	9.7	R	-	-	-	RNAV 1
050	TF	RYN	-	149°(148.1°)	+0.58	64.1	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01L**

BATOK3H GORSI3H HHN3H
KASNI3H KIGOB3H REGOS3H
RYN3H SABIS3H UKERA3H

TABULAR DESCRIPTION (3)

RNAV RWY01L											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
SABIS3H TO Y8											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS108	-	315°(314.9°)	+0.58	10.0	L	-10000 ; +8000	-	-	RNAV 1
050	TF	BS117	-	279°(278.8°)	+0.58	10.2	-	+11000	-	-	RNAV 1
060	TF	BS118	-	279°(278.9°)	+0.58	10.6	L	+FL140	-	-	RNAV 1
070	TF	POTEP	-	212°(211.5°)	+0.58	29.5	L	+FL200	-	-	RNAV 1
080	TF	TUPKA	-	164°(163.0°)	+0.58	22.4	R	-	-	-	RNAV 1
090	TF	SABIS	-	181°(180.5°)	+0.58	20.3	-	-	-	-	RNAV 1
UKERA3H TO G458											
010	-	DER RWY01L	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	VARIS	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS108	-	315°(314.9°)	+0.58	10.0	L	-10000 ; +8000	-	-	RNAV 1
050	TF	BS117	-	279°(278.8°)	+0.58	10.2	-	+11000	-	-	RNAV 1
060	TF	BS118	-	279°(278.9°)	+0.58	10.6	L	+FL140	-	-	RNAV 1
070	TF	POTEP	-	212°(211.5°)	+0.58	29.5	L	+FL200	-	-	RNAV 1
080	TF	TUPKA	-	164°(163.0°)	+0.58	22.4	R	-	-	-	RNAV 1
090	TF	SABIS	-	181°(180.5°)	+0.58	20.3	R	-	-	-	RNAV 1
100	TF	UKERA	-	190°(189.9°)	+0.58	58.5	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01L**

BATOK3H GORSI3H HHN3H
KASNI3H KIGOB3H REGOS3H
RYN3H SABIS3H UKERA3H

WAYPOINT LIST

RNAV RWY01L	
Waypoint Identifier	Coordinates
DER RWY01L	13° 42' 13.21" N 100° 44' 35.44" E
BATOK	13° 56' 06.00" N 101° 53' 53.60" E
BS101	13° 47' 04.50" N 100° 57' 50.60" E
BS102	13° 41' 28.08" N 101° 06' 02.84" E
BS103	13° 19' 09.98" N 100° 59' 48.37" E
BS104	13° 56' 50.27" N 100° 49' 11.95" E
BS108	14° 03' 57.63" N 100° 41' 52.58" E
BS117	14° 05' 32.89" N 100° 31' 27.63" E
BS118	14° 07' 10.87" N 100° 20' 41.58" E
GORSI	13° 30' 54.64" N 101° 21' 28.05" E
HHN	12° 38' 04.04" N 099° 57' 04.23" E
KASNI	13° 04' 50.17" N 100° 40' 41.88" E
KIGOB	13° 06' 46.46" N 100° 51' 06.33" E
POTEP	13° 41' 54.24" N 100° 04' 50.87" E
REGOS	12° 00' 06.50" N 100° 34' 54.30" E
RYN	12° 46' 48.30" N 101° 40' 41.70" E
SABIS	12° 59' 58.53" N 100° 11' 24.53" E
TUPKA	13° 20' 22.25" N 100° 11' 34.96" E
UKERA	12° 02' 07.25" N 100° 01' 09.59" E
VARIS	13° 45' 37.45" N 100° 45' 29.14" E

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

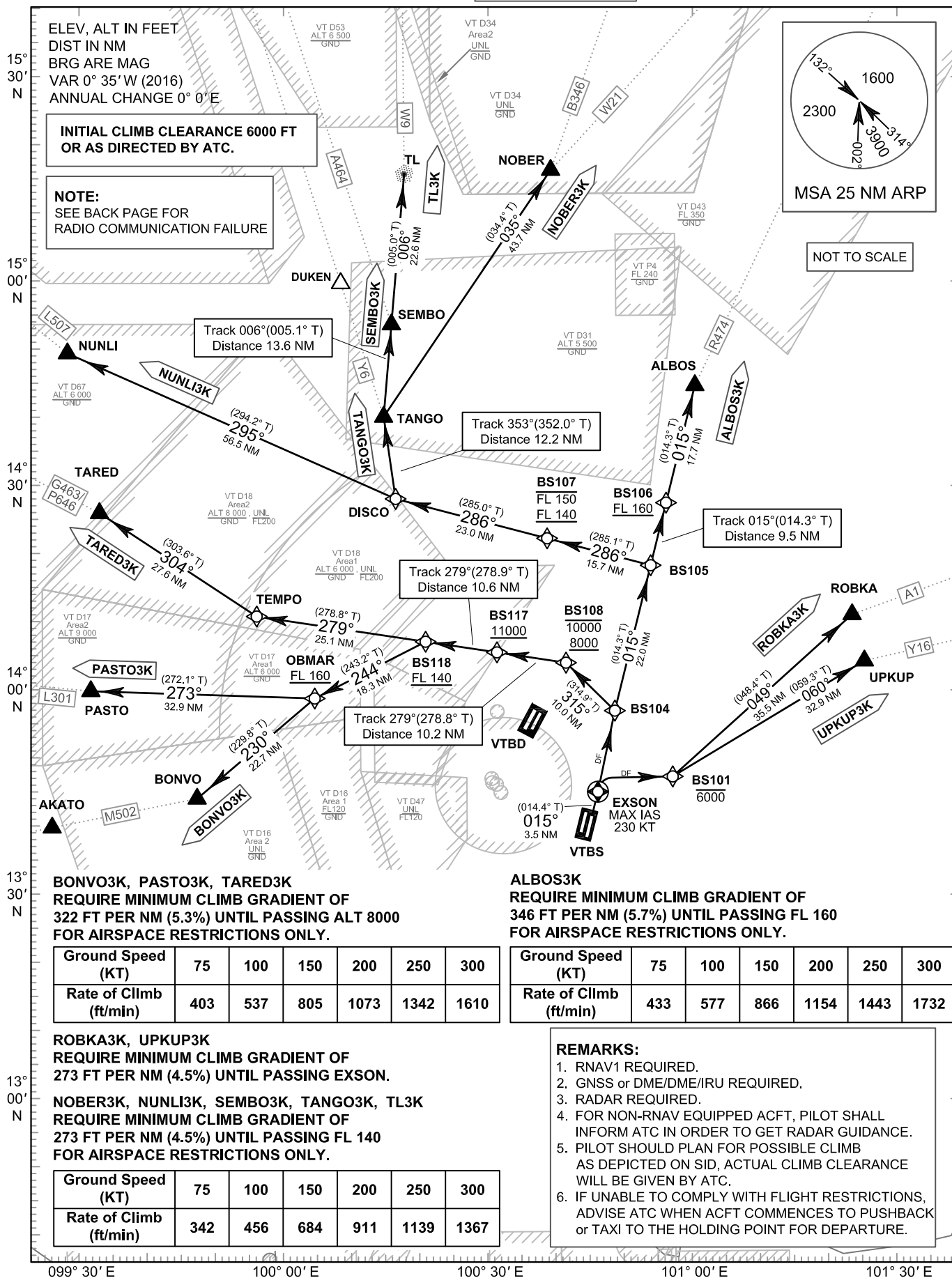
TRANSITION ALTITUDE
11000 FT

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

APP : 119.1, 262.5
: 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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01R**

ALBOS3K BONVO3K
NOBER3K NUNLI3K PASTO3K
ROBKA3K SEMBO3K TANGO3K
TARED3K TL3K UPKUP3K



**BONVO3K, PASTO3K, TARED3K
REQUIRE MINIMUM CLIMB GRADIENT OF
322 FT PER NM (5.3%) UNTIL PASSING ALT 8000
FOR AIRSPACE RESTRICTIONS ONLY.**

Ground Speed (KT)	75	100	150	200	250	300
Rate of Climb (ft/min)	403	537	805	1073	1342	1610

**ALBOS3K
REQUIRE MINIMUM CLIMB GRADIENT OF
346 FT PER NM (5.7%) UNTIL PASSING FL 160
FOR AIRSPACE RESTRICTIONS ONLY.**

Ground Speed (KT)	75	100	150	200	250	300
Rate of Climb (ft/min)	433	577	866	1154	1443	1732

**ROBKA3K, UPKUP3K
REQUIRE MINIMUM CLIMB GRADIENT OF
273 FT PER NM (4.5%) UNTIL PASSING EXSON.**

Ground Speed (KT)	75	100	150	200	250	300
Rate of Climb (ft/min)	342	456	684	911	1139	1367

**NOBER3K, NUNLI3K, SEMBO3K, TANGO3K, TL3K
REQUIRE MINIMUM CLIMB GRADIENT OF
273 FT PER NM (4.5%) UNTIL PASSING FL 140
FOR AIRSPACE RESTRICTIONS ONLY.**

Ground Speed (KT)	75	100	150	200	250	300
Rate of Climb (ft/min)	342	456	684	911	1139	1367

REMARKS:

1. RNAV1 REQUIRED.
2. GNSS or DME/DME/IRU REQUIRED.
3. RADAR 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.

CHANGE: NEW PROCEDURES.

ALBOS3K BONVO3K
NOBER3K NUNLI3K PASTO3K
ROBKA3K SEMBO3K TANGO3K
TARED3K TL3K UPKUP3K

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 VTBS AD 2.22, RADIO COMMUNICATION FAILURE.

WAYPOINT PRONUNCIATION

Waypoint Identifier	Pronunciation	Waypoint Identifier	Pronunciation
DER RWY01R	-	EXSON	ECKS - SON
ALBOS	AL - BOSS	NOBER	NO - BER
BONVO	BONG - VOH	NUNLI	NUN - LEE
BS101	-	OBMAR	OB - MAR
BS104	-	PASTO	PAS - TOW
BS105	-	ROBKA	ROB - KAH
BS106	-	SEMBO	SEM - BO
BS107	-	TANGO	TANG - GO
BS108	-	TARED	TAH - RED
BS117	-	TEMPO	TEM - POH
BS118	-	TL	TA - KLEE
DISCO	DIS - KOH	UPKUP	UP - CUP

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01R**

ALBOS3K BONVO3K
NOBER3K NUNLI3K PASTO3K
ROBKA3K SEMBO3K TANGO3K
TARED3K TL3K UPKUP3K

TABULAR DESCRIPTION (1)

RNAV RWY01R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
ALBOS3K TO R474											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	L	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS105	-	015°(014.3°)	+0.58	22.0	-	-	-	-	RNAV 1
050	TF	BS106	-	015°(014.3°)	+0.58	9.5	-	+FL160	-	-	RNAV 1
060	TF	ALBOS	-	015°(014.3°)	+0.58	17.7	-	-	-	-	RNAV 1
BONVO3K TO M502											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	L	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS108	-	315°(314.9°)	+0.58	10.0	L	-10000 ; +8000	-	-	RNAV 1
050	TF	BS117	-	279°(278.8°)	+0.58	10.2	-	+11000	-	-	RNAV 1
060	TF	BS118	-	279°(278.9°)	+0.58	10.6	L	+FL140	-	-	RNAV 1
070	TF	OBMAR	-	244°(243.2°)	+0.58	18.3	L	+FL160	-	-	RNAV 1
080	TF	BONVO	-	230°(229.8°)	+0.58	22.7	-	-	-	-	RNAV 1
NOBER3K TO B346, W21											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	L	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS105	-	015°(014.3°)	+0.58	22.0	L	-	-	-	RNAV 1
050	TF	BS107	-	286°(285.1°)	+0.58	15.7	-	-FL150 ; +FL140	-	-	RNAV 1
060	TF	DISCO	-	286°(285.0°)	+0.58	23.0	R	-	-	-	RNAV 1
070	TF	TANGO	-	353°(352.0°)	+0.58	12.2	R	-	-	-	RNAV 1
080	TF	NOBER	-	035°(034.4°)	+0.58	43.7	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01R**

ALBOS3K BONVO3K
NOBER3K NUNLI3K PASTO3K
ROBKA3K SEMBO3K TANGO3K
TARED3K TL3K UPKUP3K

TABULAR DESCRIPTION (2)

RNAV RWY01R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
NUNLI3K TO L507											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	L	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS105	-	015°(014.3°)	+0.58	22.0	L	-	-	-	RNAV 1
050	TF	BS107	-	286°(285.1°)	+0.58	15.7	-	-FL150; +FL140	-	-	RNAV 1
060	TF	DISCO	-	286°(285.0°)	+0.58	23.0	R	-	-	-	RNAV 1
070	TF	NUNLI	-	295°(294.2°)	+0.58	56.5	-	-	-	-	RNAV 1
PASTO3K TO L301											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	L	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS108	-	315°(314.9°)	+0.58	10.0	L	-10000; +8000	-	-	RNAV 1
050	TF	BS117	-	279°(278.8°)	+0.58	10.2	-	+11000	-	-	RNAV 1
060	TF	BS118	-	279°(278.9°)	+0.58	10.6	L	+FL140	-	-	RNAV 1
070	TF	OBMAR	-	244°(243.2°)	+0.58	18.3	R	+FL160	-	-	RNAV 1
080	TF	PASTO	-	273°(272.1°)	+0.58	32.9	-	-	-	-	RNAV 1
ROBKA3K TO A1											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	ROBKA	-	049°(048.4°)	+0.58	35.5	-	-	-	-	RNAV 1
SEMBO3K TO A464											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	L	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS105	-	015°(014.3°)	+0.58	22.0	L	-	-	-	RNAV 1
050	TF	BS107	-	286°(285.1°)	+0.58	15.7	-	-FL150; +FL140	-	-	RNAV 1
060	TF	DISCO	-	286°(285.0°)	+0.58	23.0	R	-	-	-	RNAV 1
070	TF	TANGO	-	353°(352.0°)	+0.58	12.2	R	-	-	-	RNAV 1
080	TF	SEMBO	-	006°(005.1°)	+0.58	13.6	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01R**

ALBOS3K BONVO3K
NOBER3K NUNLI3K PASTO3K
ROBKA3K SEMBO3K TANGO3K
TARED3K TL3K UPKUP3K

TABULAR DESCRIPTION (3)

RNAV RWY01R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
TANGO3K TO Y6											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	L	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS105	-	015°(014.3°)	+0.58	22.0	L	-	-	-	RNAV 1
050	TF	BS107	-	286°(285.1°)	+0.58	15.7	-	-FL150; +FL140	-	-	RNAV 1
060	TF	DISCO	-	286°(285.0°)	+0.58	23.0	R	-	-	-	RNAV 1
070	TF	TANGO	-	353°(352.0°)	+0.58	12.2	-	-	-	-	RNAV 1
TARED3K TO G463/P646											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	L	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS108	-	315°(314.9°)	+0.58	10.0	L	-10000; +8000	-	-	RNAV 1
050	TF	BS117	-	279°(278.8°)	+0.58	10.2	-	+11000	-	-	RNAV 1
060	TF	BS118	-	279°(278.9°)	+0.58	10.6	-	+FL140	-	-	RNAV 1
070	TF	TEMPO	-	279°(278.8°)	+0.58	25.1	R	-	-	-	RNAV 1
080	TF	TARED	-	304°(303.6°)	+0.58	27.6	-	-	-	-	RNAV 1
TL3K TO W9											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	L	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS105	-	015°(014.3°)	+0.58	22.0	L	-	-	-	RNAV 1
050	TF	BS107	-	286°(285.1°)	+0.58	15.7	-	-FL150; +FL140	-	-	RNAV 1
060	TF	DISCO	-	286°(285.0°)	+0.58	23.0	R	-	-	-	RNAV 1
070	TF	TANGO	-	353°(352.0°)	+0.58	12.2	R	-	-	-	RNAV 1
080	TF	SEMBO	-	006°(005.1°)	+0.58	13.6	-	-	-	-	RNAV 1
090	TF	TL	-	006°(005.0°)	+0.58	22.6	-	-	-	-	RNAV 1
UPKUP3K TO Y16											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	UPKUP	-	060°(059.3°)	+0.58	32.9	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01R**

ALBOS3K BONVO3K
NOBER3K NUNLI3K PASTO3K
ROBKA3K SEMBO3K TANGO3K
TARED3K TL3K UPKUP3K

WAYPOINT LIST

RNAV RWY01R	
Waypoint Identifier	Coordinates
DER RWY01R	13° 41' 30.17" N 100° 45' 39.72" E
ALBOS	14° 44' 41.70" N 101° 01' 41.90" E
BONVO	13° 44' 10.47" N 099° 46' 06.72" E
BS101	13° 47' 04.50" N 100° 57' 50.60" E
BS104	13° 56' 50.27" N 100° 49' 11.95" E
BS105	14° 18' 13.51" N 100° 54' 46.31" E
BS106	14° 27' 25.68" N 100° 57' 10.58" E
BS107	14° 22' 18.62" N 100° 39' 09.50" E
BS108	14° 03' 57.63" N 100° 41' 52.58" E
BS117	14° 05' 32.89" N 100° 31' 27.63" E
BS118	14° 07' 10.87" N 100° 20' 41.58" E
DISCO	14° 28' 15.59" N 100° 16' 17.24" E
EXSON	13° 44' 54.41" N 100° 46' 33.44" E
NOBER	15° 16' 35.60" N 100° 40' 06.00" E
NUNLI	14° 51' 27.45" N 099° 23' 03.60" E
OBMAR	13° 58' 53.52" N 100° 03' 54.64" E
PASTO	14° 00' 04.50" N 099° 30' 06.94" E
ROBKA	14° 10' 42.95" N 101° 25' 07.95" E
SEMBO	14° 53' 59.16" N 100° 15' 47.92" E
TANGO	14° 40' 22.25" N 100° 14' 32.54" E
TARED	14° 26' 19.52" N 099° 31' 28.87" E
TEMPO	14° 11' 00.89" N 099° 55' 11.97" E
TL	15° 16' 33.45" N 100° 17' 51.11" E
UPKUP	14° 03' 52.65" N 101° 26' 54.84" E

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
: 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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01R**

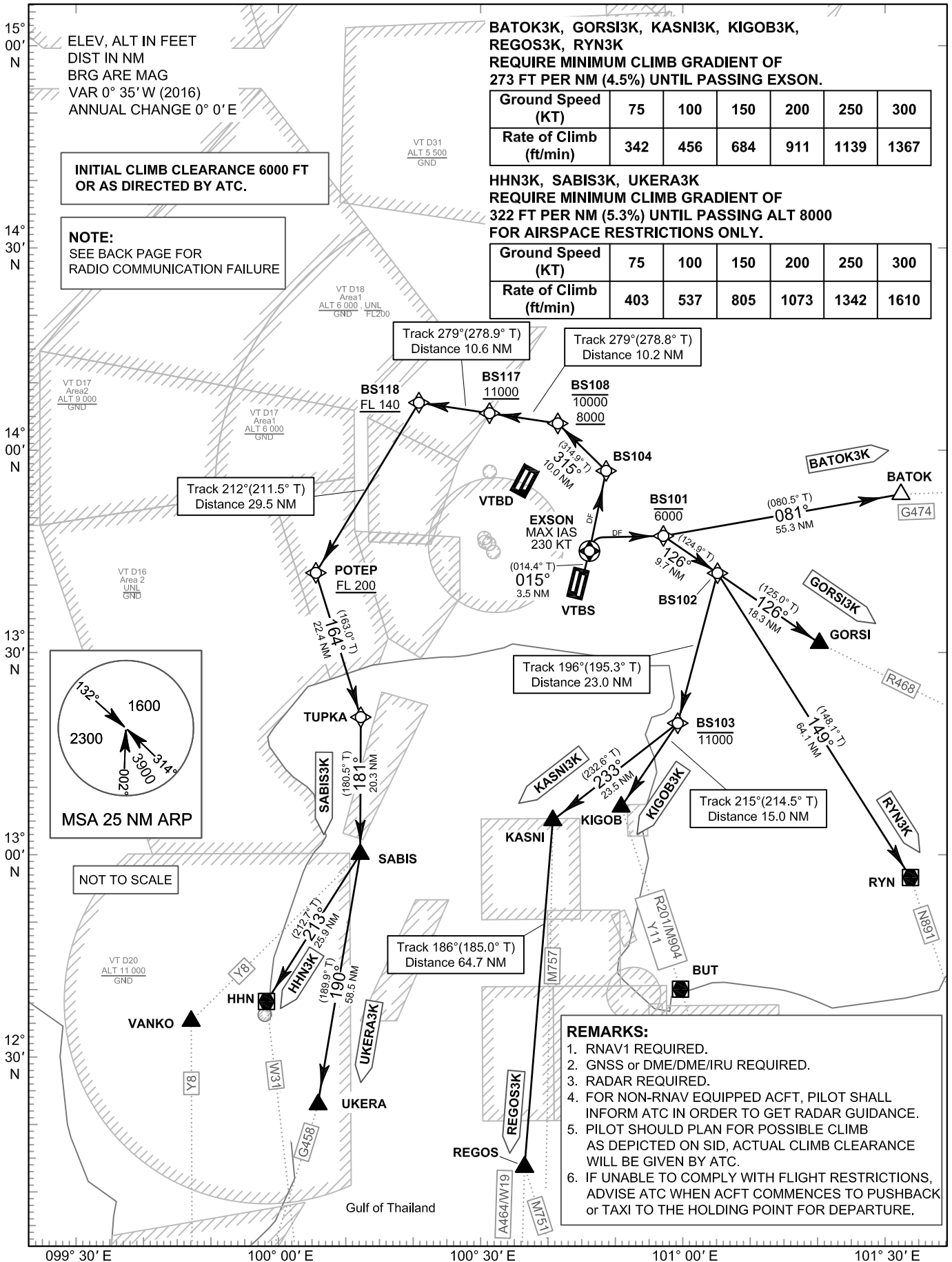
BATOK3K GORSI3K HHN3K
KASNI3K KIGOB3K REGOS3K
RYN3K SABIS3K UKERA3K

**BATOK3K, GORSI3K, KASNI3K, KIGOB3K, REGOS3K, RYN3K
REQUIRE MINIMUM CLIMB GRADIENT OF
273 FT PER NM (4.5%) UNTIL PASSING EXSON.**

Ground Speed (KT)	75	100	150	200	250	300
Rate of Climb (ft/min)	342	456	684	911	1139	1367

**HHN3K, SABIS3K, UKERA3K
REQUIRE MINIMUM CLIMB GRADIENT OF
322 FT PER NM (5.3%) UNTIL PASSING ALT 8000
FOR AIRSPACE RESTRICTIONS ONLY.**

Ground Speed (KT)	75	100	150	200	250	300
Rate of Climb (ft/min)	403	537	805	1073	1342	1610



CHANGE: NEW PROCEDURES.

BATOK3K GORSI3K HHN3K
KASNI3K KIGOB3K REGOS3K
RYN3K SABIS3K UKERA3K

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 VTBS AD 2.22, RADIO COMMUNICATION FAILURE.

WAYPOINT PRONUNCIATION

Waypoint Identifier	Pronunciation	Waypoint Identifier	Pronunciation
DER RWY01R	-	GORSI	GOR - SEE
BATOK	BAH - TOK	HHN	HUA - HIN
BS101	-	KASNI	KAS - NEE
BS102	-	KIGOB	KEE - GOB
BS103	-	POTEP	POH - TEP
BS104	-	REGOS	REE - GOSS
BS108	-	RYN	RA - YONG
BS117	-	SABIS	SAH - BISS
BS118	-	TUPKA	TUP - KAH
EXSON	ECKS - SON	UKERA	U - KEY - RAH

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01R**

BATOK3K GORSI3K HHN3K
KASNI3K KIGOB3K REGOS3K
RYN3K SABIS3K UKERA3K

TABULAR DESCRIPTION (1)

RNAV RWY01R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
BATOK3K TO G474											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	BATOK	-	081°(080.5°)	+0.58	55.3	-	-	-	-	RNAV 1
GORSI3K TO R468											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	BS102	-	126°(124.9°)	+0.58	9.7	-	-	-	-	RNAV 1
050	TF	GORSI	-	126°(125.0°)	+0.58	18.3	-	-	-	-	RNAV 1
HHN3K TO W31											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	L	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS108	-	315°(314.9°)	+0.58	10.0	L	-10000 ; +8000	-	-	RNAV 1
050	TF	BS117	-	279°(278.8°)	+0.58	10.2	-	+11000	-	-	RNAV 1
060	TF	BS118	-	279°(278.9°)	+0.58	10.6	L	+FL140	-	-	RNAV 1
070	TF	POTEP	-	212°(211.5°)	+0.58	29.5	L	+FL200	-	-	RNAV 1
080	TF	TUPKA	-	164°(163.0°)	+0.58	22.4	R	-	-	-	RNAV 1
090	TF	SABIS	-	181°(180.5°)	+0.58	20.3	R	-	-	-	RNAV 1
100	TF	HHN	-	213°(212.7°)	+0.58	25.9	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01R**

BATOK3K GORSI3K HHN3K
KASNI3K KIGOB3K REGOS3K
RYN3K SABIS3K UKERA3K

TABULAR DESCRIPTION (2)

RNAV RWY01R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
KASNI3K TO M757											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	BS102	-	126°(124.9°)	+0.58	9.7	R	-	-	-	RNAV 1
050	TF	BS103	-	196°(195.3°)	+0.58	23.0	R	-11000	-	-	RNAV 1
060	TF	KASNI	-	233°(232.6°)	+0.58	23.5	-	-	-	-	RNAV 1
KIGOB3K TO R201/M904/Y11											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	BS102	-	126°(124.9°)	+0.58	9.7	R	-	-	-	RNAV 1
050	TF	BS103	-	196°(195.3°)	+0.58	23.0	R	-11000	-	-	RNAV 1
060	TF	KIGOB	-	215°(214.5°)	+0.58	15.0	-	-	-	-	RNAV 1
REGOS3K TO A464/W19, M751											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	BS102	-	126°(124.9°)	+0.58	9.7	R	-	-	-	RNAV 1
050	TF	BS103	-	196°(195.3°)	+0.58	23.0	R	-11000	-	-	RNAV 1
060	TF	KASNI	-	233°(232.6°)	+0.58	23.5	L	-	-	-	RNAV 1
070	TF	REGOS	-	186°(185.0°)	+0.58	64.7	-	-	-	-	RNAV 1
RYN3K TO N891											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	R	-	-230	-	RNAV 1
030	DF	BS101	-	-	+0.58	-	-	-6000	-	-	RNAV 1
040	TF	BS102	-	126°(124.9°)	+0.58	9.7	R	-	-	-	RNAV 1
050	TF	RYN	-	149°(148.1°)	+0.58	64.1	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01R**

BATOK3K GORSI3K HHN3K
KASNI3K KIGOB3K REGOS3K
RYN3K SABIS3K UKERA3K

TABULAR DESCRIPTION (3)

RNAV RWY01R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
SABIS3K TO Y8											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	L	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS108	-	315°(314.9°)	+0.58	10.0	L	-10000 ; +8000	-	-	RNAV 1
050	TF	BS117	-	279°(278.8°)	+0.58	10.2	-	+11000	-	-	RNAV 1
060	TF	BS118	-	279°(278.9°)	+0.58	10.6	L	+FL140	-	-	RNAV 1
070	TF	POTEP	-	212°(211.5°)	+0.58	29.5	L	+FL200	-	-	RNAV 1
080	TF	TUPKA	-	164°(163.0°)	+0.58	22.4	R	-	-	-	RNAV 1
090	TF	SABIS	-	181°(180.5°)	+0.58	20.3	-	-	-	-	RNAV 1
UKERA3K TO G458											
010	-	DER RWY01R	-	-	+0.58	-	-	-	-	-	RNAV 1
020	CF	EXSON	Y	015°(014.4°)	+0.58	3.5	L	-	-230	-	RNAV 1
030	DF	BS104	-	-	+0.58	-	-	-	-	-	RNAV 1
040	TF	BS108	-	315°(314.9°)	+0.58	10.0	L	-10000 ; +8000	-	-	RNAV 1
050	TF	BS117	-	279°(278.8°)	+0.58	10.2	-	+11000	-	-	RNAV 1
060	TF	BS118	-	279°(278.9°)	+0.58	10.6	L	+FL140	-	-	RNAV 1
070	TF	POTEP	-	212°(211.5°)	+0.58	29.5	L	+FL200	-	-	RNAV 1
080	TF	TUPKA	-	164°(163.0°)	+0.58	22.4	R	-	-	-	RNAV 1
090	TF	SABIS	-	181°(180.5°)	+0.58	20.3	R	-	-	-	RNAV 1
100	TF	UKERA	-	190°(189.9°)	+0.58	58.5	-	-	-	-	RNAV 1

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

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01R**

BATOK3K GORSI3K HHN3K
KASNI3K KIGOB3K REGOS3K
RYN3K SABIS3K UKERA3K

WAYPOINT LIST

RNAV RWY01R	
Waypoint Identifier	Coordinates
DER RWY01R	13° 41' 30.17" N 100° 45' 39.72" E
BATOK	13° 56' 06.00" N 101° 53' 53.60" E
BS101	13° 47' 04.50" N 100° 57' 50.60" E
BS102	13° 41' 28.08" N 101° 06' 02.84" E
BS103	13° 19' 09.98" N 100° 59' 48.37" E
BS104	13° 56' 50.27" N 100° 49' 11.95" E
BS108	14° 03' 57.63" N 100° 41' 52.58" E
BS117	14° 05' 32.89" N 100° 31' 27.63" E
BS118	14° 07' 10.87" N 100° 20' 41.58" E
EXSON	13° 44' 54.41" N 100° 46' 33.44" E
GORSI	13° 30' 54.64" N 101° 21' 28.05" E
HHN	12° 38' 04.04" N 099° 57' 04.23" E
KASNI	13° 04' 50.17" N 100° 40' 41.88" E
KIGOB	13° 06' 46.46" N 100° 51' 06.33" E
POTEP	13° 41' 54.24" N 100° 04' 50.87" E
REGOS	12° 00' 06.50" N 100° 34' 54.30" E
RYN	12° 46' 48.30" N 101° 40' 41.70" E
SABIS	12° 59' 58.53" N 100° 11' 24.53" E
TUPKA	13° 20' 22.25" N 100° 11' 34.96" E
UKERA	12° 02' 07.25" N 100° 01' 09.59" E

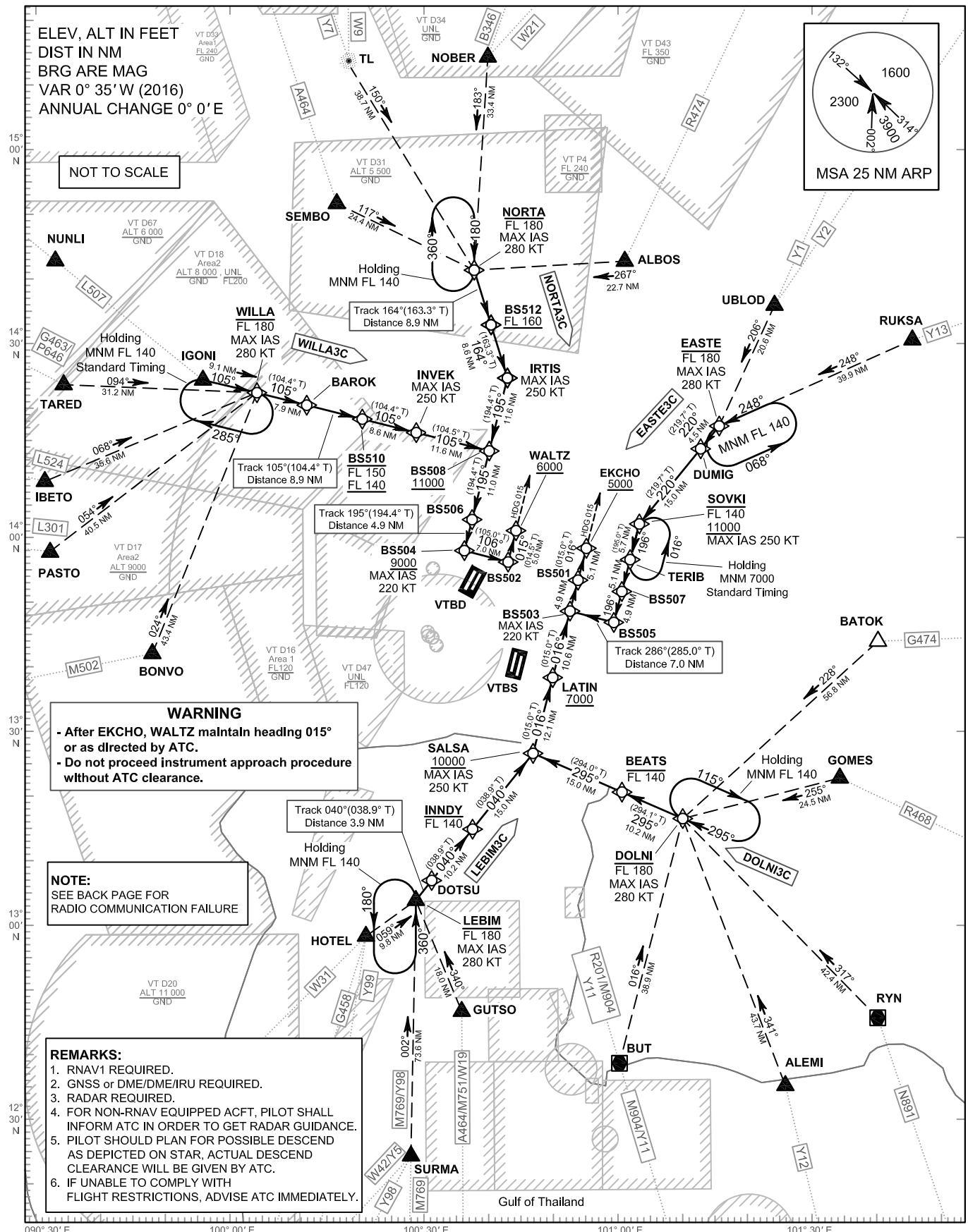
STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO

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
	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

BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L/19R

DOLNI3C EASTE3C
LEBIM3C NORTA3C WILLA3C



CHANGE: Y5, Y98 AND Y99 ADDED.

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L/19R**

DOLNI3C EASTE3C
LEBIM3C NORTA3C WILLA3C

RADIO COMMUNICATION FAILURE

1	SET THE AIRCRAFT TRANSPONDER TO MODE A/C CODE 7600
2	PROCEED ACCORDING TO THE STAR ROUTE TO THE TERMINATION POINT WALTZ/EKCHO, DESCEND IN ACCORDANCE WITH THE PUBLISHED ALL SPEED AND ALTITUDE RESTRICTIONS OF THE RELEVANT STAR PROCEDURE, THENCE: AFTER PASSING WALTZ/EKCHO FLY HEADING 015 AND MAINTAIN ALTITUDE 6000 FT FOR NEXT 10 NM, THEN TURN RIGHT/LEFT 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.

WAYPOINT PRONUNCIATION

Waypoint Identifier	Pronunciation	Waypoint Identifier	Pronunciation	Waypoint Identifier	Pronunciation
ALBOS	AL - BOSS	BUT	U - TAH - PAO	NOBER	NO - BER
ALEMI	AH - LAY - MEE	DOLNI	DOL - NEE	NORTA	NOR - TAH
BAROK	BAH - ROCK	DOTSU	DOT - TSU	PASTO	PAS - TOW
BATOK	BAH - TOK	DUMIG	DOO - MIG	RUKSA	RUCK - SA
BEATS	BEATS	EASTE	EAST - TE	RYN	RA - YONG
BONVO	BONG - VOH	EKCHO	EK - KO	SALSA	SAL - SAH
BS501	-	GOMES	GO - MESS	SEMBO	SEM - BO
BS502	-	GUTSO	GUTT - SOH	SOVKI	SOV - KEE
BS503	-	HOTEL	HO - TEL	SURMA	SUR - MAR
BS504	-	IBETO	YI - BAY - TOH	TARED	TAH - RED
BS505	-	IGONI	YI - GO - NEE	TERIB	TEH - RIB
BS506	-	INNDY	IN - DEE	TL	TA - KLEE
BS507	-	INVEK	INN - VECK	UBLOD	UB - LOD
BS508	-	IRTIS	ER - TISS	WALTZ	WALTZ
BS510	-	LATIN	LAH - TIN	WILLA	WILL - LAH
BS512	-	LEBIM	LAY - BIM		

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L/19R**

DOLNI3C EASTE3C
LEBIM3C NORTA3C WILLA3C

TABULAR DESCRIPTION (1)

RNAV RWY19L/19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
DOLNI3C											
TRANSITION BATOK FROM G474											
010	IF	BATOK	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	DOLNI	-	228°(227.7°)	+0.58	56.8	-	-FL180	-280	-	RNAV 1
TRANSITION GOMES FROM R468											
010	IF	GOMES	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	DOLNI	-	255°(254.9°)	+0.58	24.5	-	-FL180	-280	-	RNAV 1
TRANSITION RYN FROM N891											
010	IF	RYN	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	DOLNI	-	317°(316.5°)	+0.58	42.4	-	-FL180	-280	-	RNAV 1
TRANSITION ALEMI FROM Y12											
010	IF	ALEMI	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	DOLNI	-	341°(340.2°)	+0.58	43.7	-	-FL180	-280	-	RNAV 1
TRANSITION BUT FROM M904/Y11											
010	IF	BUT	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	DOLNI	-	016°(015.7°)	+0.58	38.9	-	-FL180	-280	-	RNAV 1
010	IF	DOLNI	-	-	+0.58	-	-	-FL180	-280	-	RNAV 1
020	TF	BEATS	-	295°(294.1°)	+0.58	10.2	-	-FL140	-	-	RNAV 1
030	TF	SALSA	-	295°(294.0°)	+0.58	15.0	R	+10000	-250	-	RNAV 1
040	TF	LATIN	-	016°(015.0°)	+0.58	12.1	-	+7000	-	-	RNAV 1
050	TF	BS503	-	016°(015.0°)	+0.58	10.6	-	-	-220	-	RNAV 1
060	TF	BS501	-	016°(015.0°)	+0.58	4.9	-	-	-	-	RNAV 1
070	TF	EKCHO	-	016°(015.0°)	+0.58	5.1	-	+5000	-	-	RNAV 1
080	VM	-	-	015°(-)	+0.58	-	-	-	-	-	RNAV 1

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L/19R**

DOLNI3C EASTE3C
LEBIM3C NORTA3C WILLA3C

TABULAR DESCRIPTION (2)

RNAV RWY19L/19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
EASTE3C											
TRANSITION UBL0D FROM Y1, Y2											
010	IF	UBL0D	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	EASTE	-	206°(205.2°)	+0.58	20.6	-	-FL180	-280	-	RNAV 1
TRANSITION RUKSA FROM Y13											
010	IF	RUKSA	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	EASTE	-	248°(247.7°)	+0.58	39.9	-	-FL180	-280	-	RNAV 1
010	IF	EASTE	-	-	+0.58	-	-	-FL180	-280	-	RNAV 1
020	TF	DUMIG	-	220°(219.7°)	+0.58	4.5	-	-	-	-	RNAV 1
030	TF	SOVKI	-	220°(219.7°)	+0.58	15.0	L	-FL140 ; +11000	-250	-	RNAV 1
040	TF	TERIB	-	196°(195.0°)	+0.58	5.7	-	-	-	-	RNAV 1
050	TF	BS507	-	196°(195.0°)	+0.58	5.1	-	-	-	-	RNAV 1
060	TF	BS505	-	196°(195.0°)	+0.58	4.9	R	-	-	-	RNAV 1
070	TF	BS503	-	286°(285.0°)	+0.58	7.0	R	-	-220	-	RNAV 1
080	TF	BS501	-	016°(015.0°)	+0.58	4.9	-	-	-	-	RNAV 1
090	TF	EKCHO	-	016°(015.0°)	+0.58	5.1	-	+5000	-	-	RNAV 1
100	VM	-	-	015°(-)	+0.58	-	-	-	-	-	RNAV 1

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L/19R**

DOLNI3C EASTE3C
LEBIM3C NORTA3C WILLA3C

TABULAR DESCRIPTION (3)

RNAV RWY19L/19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
LEBIM3C											
TRANSITION GUTSO FROM A464/M751/W19											
010	IF	GUTSO	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	LEBIM	-	340°(339.4°)	+0.58	18.0	-	-FL180	-280	-	RNAV 1
TRANSITION SURMA FROM M769/Y98											
010	IF	SURMA	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	LEBIM	-	002°(001.4°)	+0.58	73.6	-	-FL180	-280	-	RNAV 1
TRANSITION HOTEL FROM G458 ,W31, Y99											
010	IF	HOTEL	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	LEBIM	-	059°(058.6°)	+0.58	9.8	-	-FL180	-280	-	RNAV 1
010	IF	LEBIM	-	-	+0.58	-	-	-FL180	-280	-	RNAV 1
020	TF	DOTSU	-	040°(038.9°)	+0.58	3.9	-	-	-	-	RNAV 1
030	TF	INNDY	-	040°(038.9°)	+0.58	10.2	-	-FL140	-	-	RNAV 1
040	TF	SALSA	-	040°(038.9°)	+0.58	15.0	L	+10000	-250	-	RNAV 1
050	TF	LATIN	-	016°(015.0°)	+0.58	12.1	-	+7000	-	-	RNAV 1
060	TF	BS503	-	016°(015.0°)	+0.58	10.6	-	-	-220	-	RNAV 1
070	TF	BS501	-	016°(015.0°)	+0.58	4.9	-	-	-	-	RNAV 1
080	TF	EKCHO	-	016°(015.0°)	+0.58	5.1	-	+5000	-	-	RNAV 1
090	VM	-	-	015°(-)	+0.58	-	-	-	-	-	RNAV 1

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L/19R**

DOLNI3C EASTE3C
LEBIM3C NORTA3C WILLA3C

TABULAR DESCRIPTION (4)

RNAV RWY19L/19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
NORTA3C											
TRANSITION SEMBO FROM A464											
010	IF	SEMBO	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	NORTA	-	117°(116.3°)	+0.58	24.4	-	-FL180	-280	-	RNAV 1
TRANSITION TL FROM W9, Y7											
010	IF	TL	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	NORTA	-	150°(149.2°)	+0.58	38.7	-	-FL180	-280	-	RNAV 1
TRANSITION NOBER FROM B346, W21											
010	IF	NOBER	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	NORTA	-	183°(182.9°)	+0.58	33.4	-	-FL180	-280	-	RNAV 1
TRANSITION ALBOS FROM R474											
010	IF	ALBOS	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	NORTA	-	267°(266.1°)	+0.58	22.7	-	-FL180	-280	-	RNAV 1
010	IF	NORTA	-	-	+0.58	-	-	-FL180	-280	-	RNAV 1
020	TF	BS512	-	164°(163.3°)	+0.58	8.9	-	+FL160	-	-	RNAV 1
030	TF	IRTIS	-	164°(163.3°)	+0.58	8.6	R	-	-250	-	RNAV 1
040	TF	BS508	-	195°(194.4°)	+0.58	11.6	-	+11000	-	-	RNAV 1
050	TF	BS506	-	195°(194.4°)	+0.58	11.0	-	-	-	-	RNAV 1
060	TF	BS504	-	195°(194.4°)	+0.58	4.9	L	+9000	-220	-	RNAV 1
070	TF	BS502	-	106°(105.0°)	+0.58	7.0	L	-	-	-	RNAV 1
080	TF	WALTZ	-	015°(014.5°)	+0.58	5.0	-	+6000	-	-	RNAV 1
090	VM	-	-	015°(-)	+0.58	-	-	-	-	-	RNAV 1

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L/19R**

DOLNI3C EASTE3C
LEBIM3C NORTA3C WILLA3C

TABULAR DESCRIPTION (5)

RNAV RWY19L/19R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
WILLA3C											
TRANSITION IGONI FROM L507											
010	IF	IGONI	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	WILLA	-	105°(104.3°)	+0.58	9.1	-	-FL180	-280	-	RNAV 1
TRANSITION TARED FROM G463/P646											
010	IF	TARED	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	WILLA	-	094°(093.7°)	+0.58	31.2	-	-FL180	-280	-	RNAV 1
TRANSITION IBETO FROM L524											
010	IF	IBETO	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	WILLA	-	068°(067.4°)	+0.58	35.6	-	-FL180	-280	-	RNAV 1
TRANSITION PASTO FROM L301											
010	IF	PASTO	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	WILLA	-	054°(053.4°)	+0.58	40.5	-	-FL180	-280	-	RNAV 1
TRANSITION BONVO FROM M502											
010	IF	BONVO	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	WILLA	-	024°(023.0°)	+0.58	43.4	-	-FL180	-280	-	RNAV 1
010	IF	WILLA	-	-	+0.58	-	-	-FL180	-280	-	RNAV 1
020	TF	BAROK	-	105°(104.4°)	+0.58	7.9	-	-	-	-	RNAV 1
030	TF	BS510	-	105°(104.4°)	+0.58	8.9	-	-FL150 ; + FL140	-	-	RNAV 1
040	TF	INVEK	-	105°(104.4°)	+0.58	8.6	-	-	-250	-	RNAV 1
050	TF	BS508	-	105°(104.5°)	+0.58	11.6	R	+11000	-	-	RNAV 1
060	TF	BS506	-	195°(194.4°)	+0.58	11.0	-	-	-	-	RNAV 1
070	TF	BS504	-	195°(194.4°)	+0.58	4.9	L	+9000	-220	-	RNAV 1
080	TF	BS502	-	106°(105.0°)	+0.58	7.0	L	-	-	-	RNAV 1
090	TF	WALTZ	-	015°(014.5°)	+0.58	5.0	-	+6000	-	-	RNAV 1
100	VM	-	-	015°(-)	+0.58	-	-	-	-	-	RNAV 1

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

**BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY19L/19R**

DOLNI3C EASTE3C
LEBIM3C NORTA3C WILLA3C

WAYPOINT LIST

RNAV RWY19L/19R	
Waypoint Identifier	Coordinates
ALBOS	14° 44' 41.70" N 101° 01' 41.90" E
ALEMI	12° 36' 25.55" N 101° 25' 59.92" E
BAROK	14° 22' 18.30" N 100° 11' 30.61" E
BATOK	13° 56' 06.00" N 101° 53' 53.60" E
BEATS	13° 21' 51.18" N 101° 01' 12.46" E
BONVO	13° 44' 10.47" N 099° 46' 06.72" E
BS501	13° 54' 49.86" N 100° 54' 30.27" E
BS502	13° 57' 44.32" N 100° 43' 24.90" E
BS503	13° 50' 02.28" N 100° 53' 11.48" E
BS504	13° 59' 33.39" N 100° 36' 27.83" E
BS505	13° 48' 13.24" N 101° 00' 08.22" E
BS506	14° 04' 21.71" N 100° 37' 43.57" E
BS507	13° 53' 00.98" N 101° 01' 27.19" E
BS508	14° 15' 01.03" N 100° 40' 31.77" E
BS510	14° 20' 05.56" N 100° 20' 20.84" E
BS512	14° 34' 36.53" N 100° 40' 57.87" E
BUT	12° 40' 00.02" N 101° 00' 01.71" E
DOLNI	13° 17' 39.62" N 101° 10' 48.41" E
DOTSU	13° 08' 19.84" N 100° 30' 56.81" E
DUMIG	14° 15' 04.59" N 101° 14' 11.33" E
EASTE	14° 18' 34.80" N 101° 17' 10.48" E
EKCHO	13° 59' 46.52" N 100° 55' 51.75" E
GOMES	13° 24' 06.10" N 101° 35' 05.70" E
GUTSO	12° 48' 19.94" N 100° 34' 54.30" E

RNAV RWY19L/19R	
Waypoint Identifier	Coordinates
HOTEL	13° 00' 06.20" N 100° 19' 48.30" E
IBETO	14° 10' 36.14" N 099° 29' 45.68" E
IGONI	14° 26' 32.73" N 099° 54' 30.29" E
INNDY	13° 16' 15.65" N 100° 37' 28.68" E
INVEK	14° 17' 56.26" N 100° 28' 55.92" E
IRTIS	14° 26' 19.82" N 100° 43' 30.68" E
LATIN	13° 39' 43.82" N 100° 50' 21.89" E
LEBIM	13° 05' 14.81" N 100° 28' 24.51" E
NOBER	15° 16' 35.60" N 100° 40' 06.00" E
NORTA	14° 43' 07.64" N 100° 38' 20.46" E
PASTO	14° 00' 04.50" N 099° 30' 06.94" E
RUKSA	14° 33' 51.00" N 101° 55' 12.34" E
RYN	12° 46' 48.30" N 101° 40' 41.70" E
SALSA	13° 27' 58.73" N 100° 47' 08.94" E
SEMBO	14° 53' 59.16" N 100° 15' 47.92" E
SOVKI	14° 03' 29.32" N 101° 04' 19.78" E
SURMA	11° 51' 22.45" N 100° 26' 32.65" E
TARED	14° 26' 19.52" N 099° 31' 28.87" E
TERIB	13° 57' 57.63" N 101° 02' 48.61" E
TL	15° 16' 33.45" N 100° 17' 51.11" E
UBLOD	14° 37' 15.43" N 101° 26' 11.66" E
WALTZ	14° 02' 36.02" N 100° 44' 42.21" E
WILLA	14° 24' 16.98" N 100° 03' 35.36" E

STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO

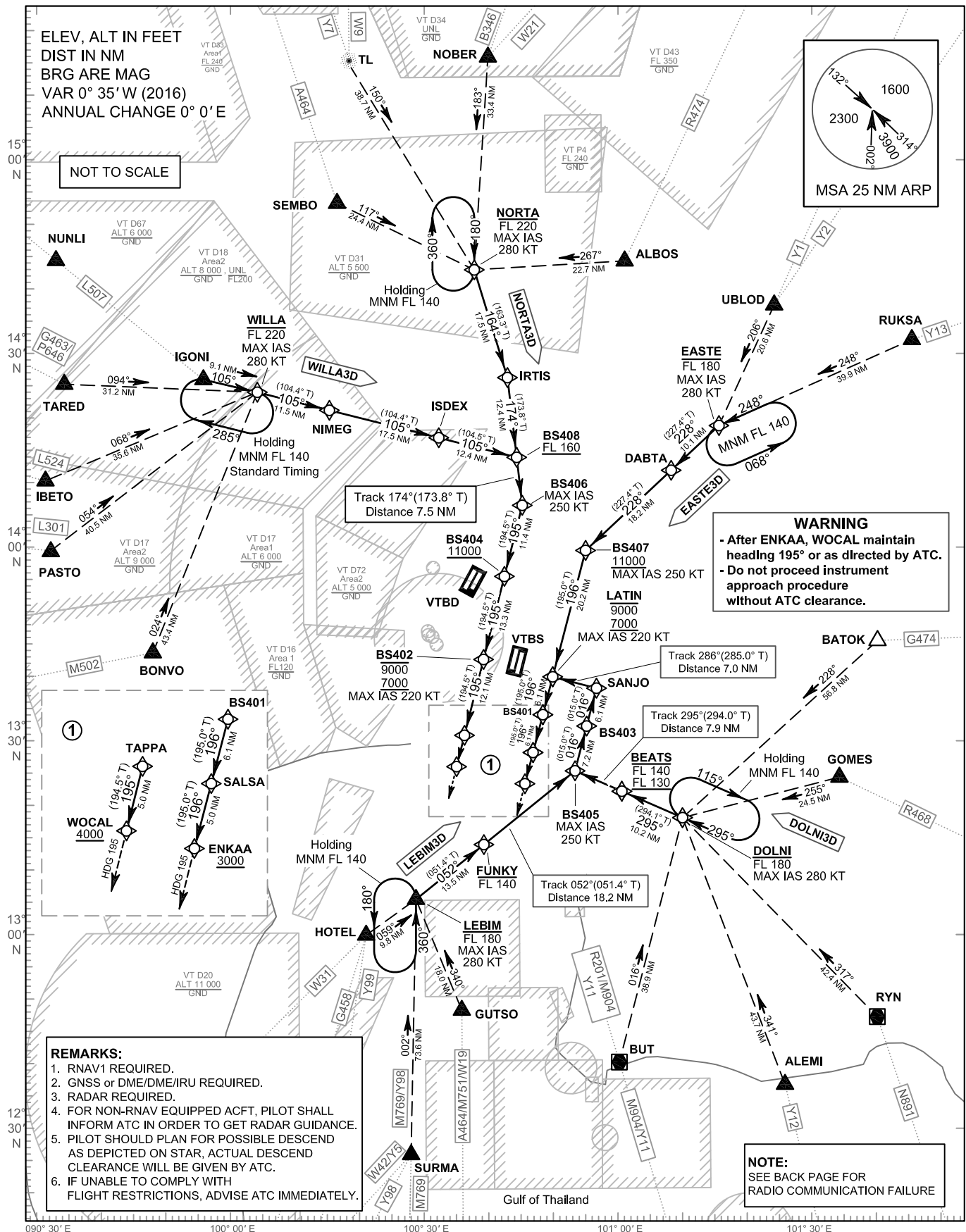
TRANSITION ALTITUDE
11000 FT

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

APP : 119.1, 262.5
: 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

BANGKOK/Suvarnabhumi Intl (VTBS)
RNAV RWY01L/01R

DOLNI3D EASTE3D
LEBIM3D NORTA3D WILLA3D



CHANGE: Y5, Y98 AND Y99 ADDED.

REMARKS:

1. RNAV1 REQUIRED.
2. GNSS or DME/DME/IRU REQUIRED.
3. RADAR 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

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

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

DOLNI3D EASTE3D
LEBIM3D NORTA3D WILLA3D

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.

WAYPOINT PRONUNCIATION

Waypoint Identifier	Pronunciation	Waypoint Identifier	Pronunciation	Waypoint Identifier	Pronunciation
ALBOS	AL - BOSS	DOLNI	DOL - NEE	NORTA	NOR - TAH
ALEMI	AH - LAY - MEE	EASTE	EAST - TE	PASTO	PAS - TOW
BATOK	BAH - TOK	ENKAA	EN - KA	RUKSA	RUCK - SA
BEATS	BEATS	FUNKY	FUNG - KEE	RYN	RA - YONG
BONVO	BONG - VOH	GOMES	GO - MESS	SALSA	SAL - SAH
BS401	-	GUTSO	GUTT - SOH	SANJO	SAN - JOH
BS402	-	HOTEL	HO - TEL	SEMBO	SEM - BO
BS403	-	IBETO	YI - BAY - TOH	SURMA	SUR - MAR
BS404	-	IGONI	YI - GO - NEE	TAPPA	TAP - PAH
BS405	-	IRTIS	ER - TISS	TARED	TAH - RED
BS406	-	ISDEX	ISS - DEKS	TL	TA - KLEE
BS407	-	LATIN	LAH - TIN	UBLDOD	UB - LOD
BS408	-	LEBIM	LAY - BIM	WILLA	WILL - LAH
BUT	U - TAH - PAO	NIMEG	NAI - MEG	WOCAL	WO - CALL
DABTA	DAB - TAH	NOBER	NO - BER		

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

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

DOLNI3D EASTE3D
LEBIM3D NORTA3D WILLA3D

TABULAR DESCRIPTION (1)

RNAV RWY01L/01R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
DOLNI3D											
TRANSITION BATOK FROM G474											
010	IF	BATOK	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	DOLNI	-	228°(227.7°)	+0.58	56.8	-	-FL180	-280	-	RNAV 1
TRANSITION GOMES FROM R468											
010	IF	GOMES	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	DOLNI	-	255°(254.9°)	+0.58	24.5	-	-FL180	-280	-	RNAV 1
TRANSITION RYN FROM N891											
010	IF	RYN	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	DOLNI	-	317°(316.5°)	+0.58	42.4	-	-FL180	-280	-	RNAV 1
TRANSITION ALEMI FROM Y12											
010	IF	ALEMI	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	DOLNI	-	341°(340.2°)	+0.58	43.7	-	-FL180	-280	-	RNAV 1
TRANSITION BUT FROM M904/Y11											
010	IF	BUT	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	DOLNI	-	016°(015.7°)	+0.58	38.9	-	-FL180	-280	-	RNAV 1
010	IF	DOLNI	-	-	+0.58	-	-	-FL180	-280	-	RNAV 1
020	TF	BEATS	-	295°(294.1°)	+0.58	10.2	-	-FL140 ; +FL130	-	-	RNAV 1
030	TF	BS405	-	295°(294.0°)	+0.58	7.9	R	-	-250	-	RNAV 1
040	TF	BS403	-	016°(015.0°)	+0.58	7.2	-	-	-	-	RNAV 1
050	TF	SANJO	-	016°(015.0°)	+0.58	6.1	L	-	-	-	RNAV 1
060	TF	LATIN	-	286°(285.0°)	+0.58	7.0	L	-9000 ; +7000	-220	-	RNAV 1
070	TF	BS401	-	196°(195.0°)	+0.58	6.1	-	-	-	-	RNAV 1
080	TF	SALSA	-	196°(195.0°)	+0.58	6.1	-	-	-	-	RNAV 1
090	TF	ENKAA	-	196°(195.0°)	+0.58	5.0	-	+3000	-	-	RNAV 1
100	VM	-	-	195°(-)	+0.58	-	-	-	-	-	RNAV 1

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

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

DOLNI3D EASTE3D
LEBIM3D NORTA3D WILLA3D

TABULAR DESCRIPTION (2)

RNAV RWY01L/01R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
EASTE3D											
TRANSITION UBL0D FROM Y1, Y2											
010	IF	UBL0D	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	EASTE	-	206°(205.2°)	+0.58	20.6	-	-FL180	-280	-	RNAV 1
TRANSITION RUKSA FROM Y13											
010	IF	RUKSA	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	EASTE	-	248°(247.7°)	+0.58	39.9	-	-FL180	-280	-	RNAV 1
010	IF	EASTE	-	-	+0.58	-	-	-FL180	-280	-	RNAV 1
020	TF	DABTA	-	228°(227.4°)	+0.58	10.1	-	-	-	-	RNAV 1
030	TF	BS407	-	228°(227.4°)	+0.58	18.2	L	+11000	-250	-	RNAV 1
040	TF	LATIN	-	196°(195.0°)	+0.58	20.2	-	-9000 ; +7000	-220	-	RNAV 1
050	TF	BS401	-	196°(195.0°)	+0.58	6.1	-	-	-	-	RNAV 1
060	TF	SALSA	-	196°(195.0°)	+0.58	6.1	-	-	-	-	RNAV 1
070	TF	ENKAA	-	196°(195.0°)	+0.58	5.0	-	+3000	-	-	RNAV 1
080	VM	-	-	195°(-)	+0.58	-	-	-	-	-	RNAV 1

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

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

DOLNI3D EASTE3D
LEBIM3D NORTA3D WILLA3D

TABULAR DESCRIPTION (3)

RNAV RWY01L/01R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
LEBIM3D											
TRANSITION GUTSO FROM A464/M751/W19											
010	IF	GUTSO	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	LEBIM	-	340°(339.4°)	+0.58	18.0	-	-FL180	-280	-	RNAV 1
TRANSITION SURMA FROM M769/Y98											
010	IF	SURMA	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	LEBIM	-	002°(001.4°)	+0.58	73.6	-	-FL180	-280	-	RNAV 1
TRANSITION HOTEL FROM G458 ,W31, Y99											
010	IF	HOTEL	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	LEBIM	-	059°(058.6°)	+0.58	9.8	-	-FL180	-280	-	RNAV 1
010	IF	LEBIM	-	-	+0.58	-	-	-FL180	-280	-	RNAV 1
020	TF	FUNKY	-	052°(051.4°)	+0.58	13.5	-	-FL140	-	-	RNAV 1
030	TF	BS405	-	052°(051.4°)	+0.58	18.2	L	-	-250	-	RNAV 1
040	TF	BS403	-	016°(015.0°)	+0.58	7.2	-	-	-	-	RNAV 1
050	TF	SANJO	-	016°(015.0°)	+0.58	6.1	L	-	-	-	RNAV 1
060	TF	LATIN	-	286°(285.0°)	+0.58	7.0	L	-9000 ; +7000	-220	-	RNAV 1
070	TF	BS401	-	196°(195.0°)	+0.58	6.1	-	-	-	-	RNAV 1
080	TF	SALSA	-	196°(195.0°)	+0.58	6.1	-	-	-	-	RNAV 1
090	TF	ENKAA	-	196°(195.0°)	+0.58	5.0	-	+3000	-	-	RNAV 1
100	VM	-	-	195°(-)	+0.58	-	-	-	-	-	RNAV 1

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

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

DOLNI3D EASTE3D
LEBIM3D NORTA3D WILLA3D

TABULAR DESCRIPTION (4)

RNAV RWY01L/01R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
NORTA3D											
TRANSITION SEMBO FROM A464											
010	IF	SEMBO	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	NORTA	-	117°(116.3°)	+0.58	24.4	-	-FL220	-280	-	RNAV 1
TRANSITION TL FROM W9, Y7											
010	IF	TL	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	NORTA	-	150°(149.2°)	+0.58	38.7	-	-FL220	-280	-	RNAV 1
TRANSITION NOBER FROM B346, W21											
010	IF	NOBER	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	NORTA	-	183°(182.9°)	+0.58	33.4	-	-FL220	-280	-	RNAV 1
TRANSITION ALBOS FROM R474											
010	IF	ALBOS	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	NORTA	-	267°(266.1°)	+0.58	22.7	-	-FL220	-280	-	RNAV 1
010	IF	NORTA	-	-	+0.58	-	-	-FL220	-280	-	RNAV 1
020	TF	IRTIS	-	164°(163.3°)	+0.58	17.5	R	-	-	-	RNAV 1
030	TF	BS408	-	174°(173.8°)	+0.58	12.4	-	+FL160	-	-	RNAV 1
040	TF	BS406	-	174°(173.8°)	+0.58	7.5	R	-	-250	-	RNAV 1
050	TF	BS404	-	195°(194.5°)	+0.58	11.4	-	+11000	-	-	RNAV 1
060	TF	BS402	-	195°(194.5°)	+0.58	13.3	-	-9000 ; +7000	-220	-	RNAV 1
070	TF	TAPPA	-	195°(194.5°)	+0.58	12.1	-	-	-	-	RNAV 1
080	TF	WOCAL	-	195°(194.5°)	+0.58	5.0	-	+4000	-	-	RNAV 1
090	VM	-	-	195°(-)	+0.58	-	-	-	-	-	RNAV 1

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

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

DOLNI3D EASTE3D
LEBIM3D NORTA3D WILLA3D

TABULAR DESCRIPTION (5)

RNAV RWY01L/01R											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
WILLA3D											
TRANSITION IGONI FROM L507											
010	IF	IGONI	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	WILLA	-	105°(104.3°)	+0.58	9.1	-	-FL220	-280	-	RNAV 1
TRANSITION TARED FROM G463/P646											
010	IF	TARED	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	WILLA	-	094°(093.7°)	+0.58	31.2	-	-FL220	-280	-	RNAV 1
TRANSITION IBETO FROM L524											
010	IF	IBETO	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	WILLA	-	068°(067.4°)	+0.58	35.6	-	-FL220	-280	-	RNAV 1
TRANSITION PASTO FROM L301											
010	IF	PASTO	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	WILLA	-	054°(053.4°)	+0.58	40.5	-	-FL220	-280	-	RNAV 1
TRANSITION BONVO FROM M502											
010	IF	BONVO	-	-	+0.58	-	-	-	-	-	RNAV 1
020	TF	WILLA	-	024°(023.0°)	+0.58	43.4	-	-FL220	-280	-	RNAV 1
010	IF	WILLA	-	-	+0.58	-	-	-FL220	-280	-	RNAV 1
020	TF	NIMEG	-	105°(104.4°)	+0.58	11.5	-	-	-	-	RNAV 1
030	TF	ISDEX	-	105°(104.4°)	+0.58	17.5	-	-	-	-	RNAV 1
040	TF	BS408	-	105°(104.5°)	+0.58	12.4	R	+FL160	-	-	RNAV 1
050	TF	BS406	-	174°(173.8°)	+0.58	7.5	R	-	-250	-	RNAV 1
060	TF	BS404	-	195°(194.5°)	+0.58	11.4	-	+11000	-	-	RNAV 1
070	TF	BS402	-	195°(194.5°)	+0.58	13.3	-	-9000 ; +7000	-220	-	RNAV 1
080	TF	TAPPA	-	195°(194.5°)	+0.58	12.1	-	-	-	-	RNAV 1
090	TF	WOCAL	-	195°(194.5°)	+0.58	5.0	-	+4000	-	-	RNAV 1
100	VM	-	-	195° (-)	+0.58	-	-	-	-	-	RNAV 1

**STANDARD ARRIVAL CHART-
INSTRUMENT (STAR) - ICAO**

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

DOLNI3D EASTE3D
LEBIM3D NORTA3D WILLA3D

WAYPOINT LIST

RNAV RWY01L/01R	
Waypoint Identifier	Coordinates
ALBOS	14° 44' 41.70" N 101° 01' 41.90" E
ALEMI	12° 36' 25.55" N 101° 25' 59.92" E
BATOK	13° 56' 06.00" N 101° 53' 53.60" E
BEATS	13° 21' 51.18" N 101° 01' 12.46" E
BONVO	13° 44' 10.47" N 099° 46' 06.72" E
BS401	13° 33' 51.29" N 100° 48' 45.37" E
BS402	13° 42' 30.15" N 100° 39' 23.08" E
BS403	13° 32' 02.02" N 100° 55' 42.15" E
BS404	13° 55' 24.52" N 100° 42' 47.93" E
BS405	13° 25' 04.96" N 100° 53' 48.04" E
BS406	14° 06' 26.65" N 100° 45' 43.48" E
BS407	13° 59' 21.04" N 100° 55' 45.03" E
BS408	14° 13' 54.95" N 100° 44' 53.56" E
BUT	12° 40' 00.02" N 101° 00' 01.71" E
DABTA	14° 11' 41.75" N 101° 09' 29.56" E
DOLNI	13° 17' 39.62" N 101° 10' 48.41" E
EASTE	14° 18' 34.80" N 101° 17' 10.48" E
ENKAA	13° 23' 07.66" N 100° 45' 49.41" E
FUNKY	13° 13' 42.70" N 100° 39' 14.72" E
GOMES	13° 24' 06.10" N 101° 35' 05.70" E
GUTSO	12° 48' 19.94" N 100° 34' 54.30" E
HOTEL	13° 00' 06.20" N 100° 19' 48.30" E

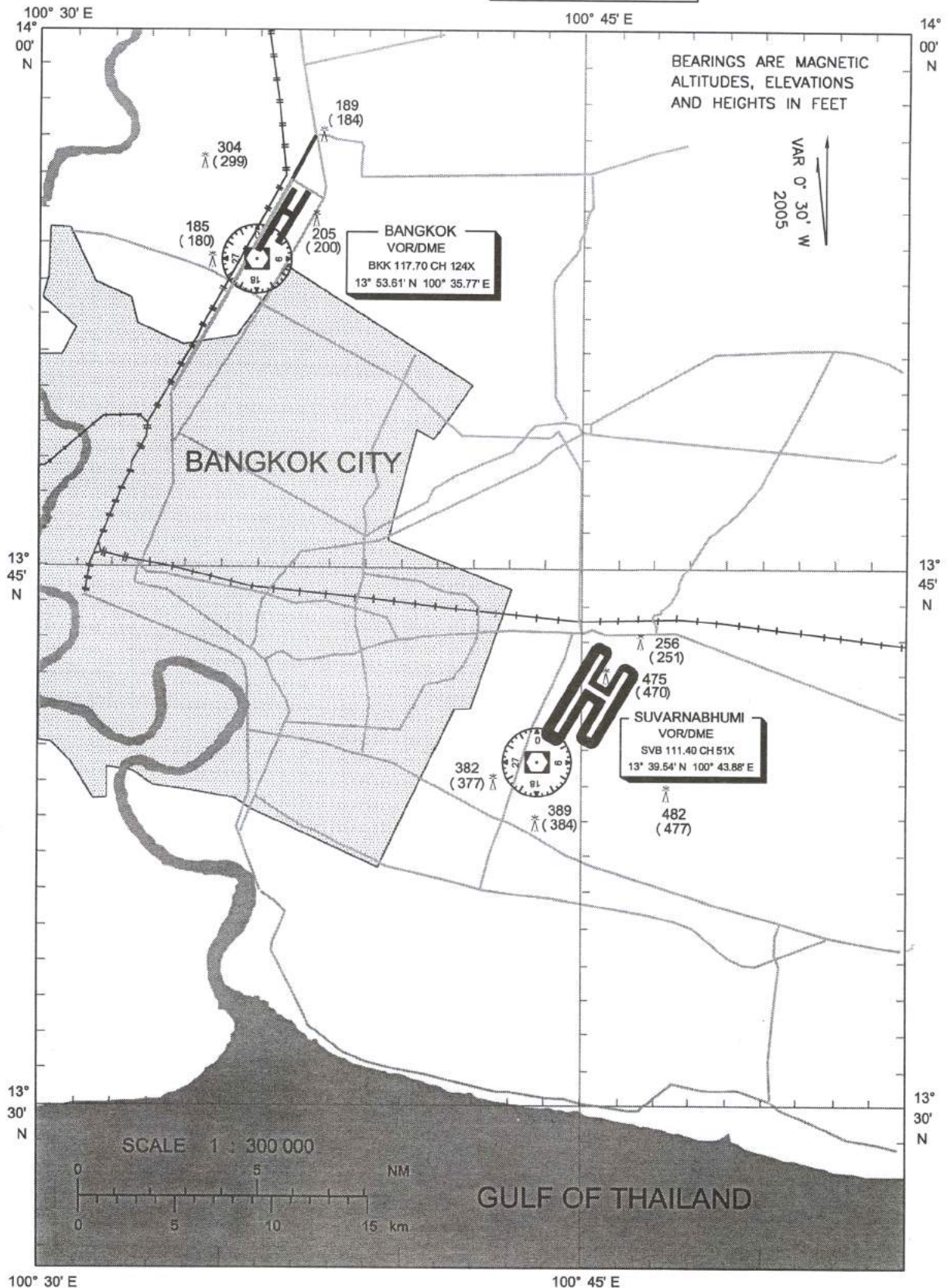
RNAV RWY01L/01R	
Waypoint Identifier	Coordinates
IBETO	14° 10' 36.14" N 099° 29' 45.68" E
IGONI	14° 26' 32.73" N 099° 54' 30.29" E
IRTIS	14° 26' 19.82" N 100° 43' 30.68" E
ISDEX	14° 17' 02.47" N 100° 32' 29.78" E
LATIN	13° 39' 43.82" N 100° 50' 21.89" E
LEBIM	13° 05' 14.81" N 100° 28' 24.51" E
NIMEG	14° 21' 24.76" N 100° 15' 04.64" E
NOBER	15° 16' 35.60" N 100° 40' 06.00" E
NORTA	14° 43' 07.64" N 100° 38' 20.46" E
PASTO	14° 00' 04.50" N 099° 30' 06.94" E
RUKSA	14° 33' 51.00" N 101° 55' 12.34" E
RYN	12° 46' 48.30" N 101° 40' 41.70" E
SALSA	13° 27' 58.73" N 100° 47' 08.94" E
SANJO	13° 37' 54.54" N 100° 57' 18.72" E
SEMBO	14° 53' 59.16" N 100° 15' 47.92" E
SURMA	11° 51' 22.45" N 100° 26' 32.65" E
TAPPA	13° 30' 43.35" N 100° 36' 16.52" E
TARED	14° 26' 19.52" N 099° 31' 28.87" E
TL	15° 16' 33.45" N 100° 17' 51.11" E
UBL0D	14° 37' 15.43" N 101° 26' 11.66" E
WILLA	14° 24' 16.98" N 100° 03' 35.36" E
WOCAL	13° 25' 51.57" N 100° 34' 59.62" E

VISUAL
APPROACH
CHART-ICAO

AD ELEV 5 FT (1.4 M)
HEIGHTS RELATED
TO AD ELEV

APP	: 122.35 , 257.6
	: 124.35 , 262.5
	: 125.2 , 259.6
ARR	: 124.7
TWR	: 118.2 , 119.0, 274.5
ATIS	: 127.8 , 278.6

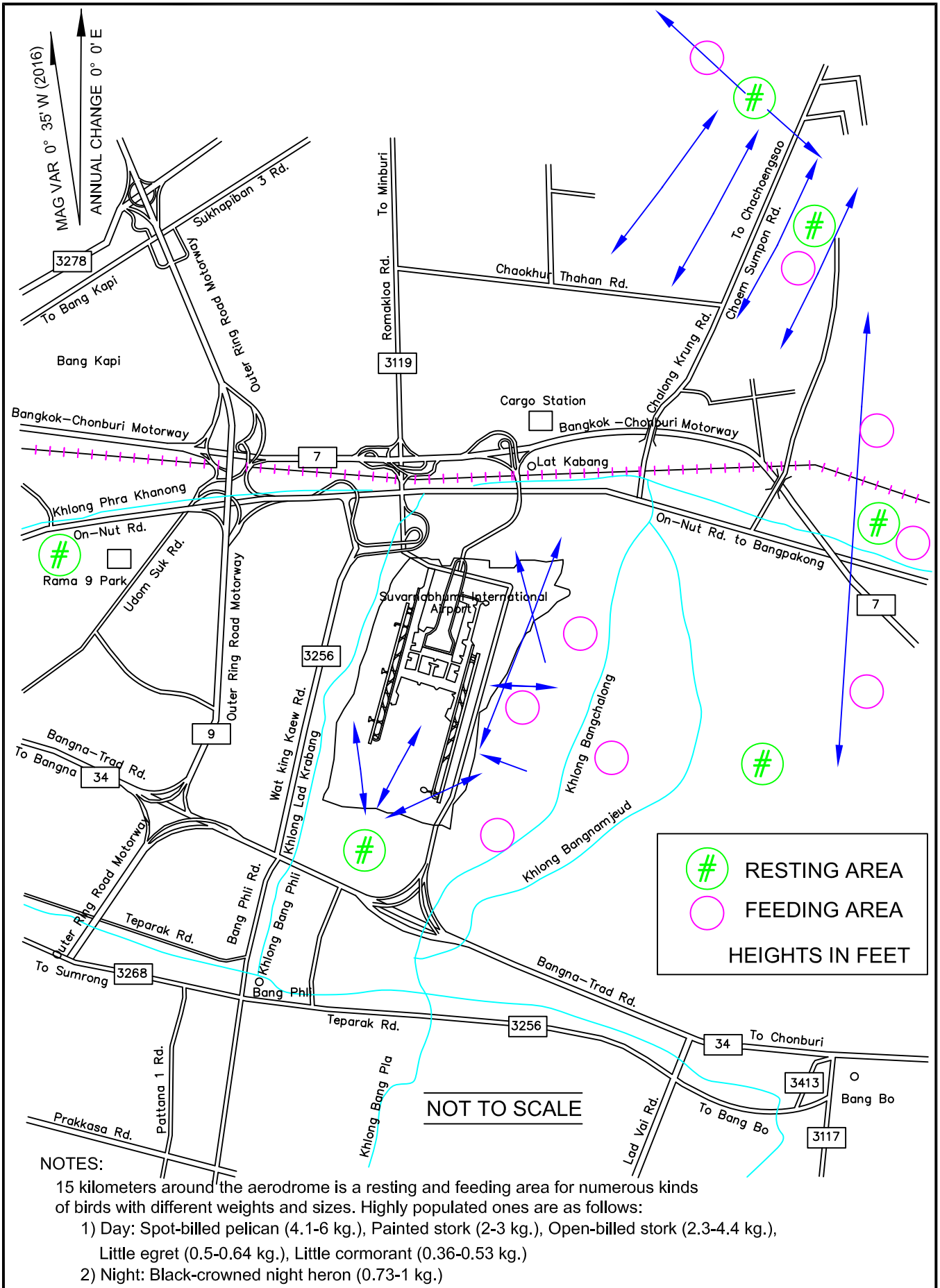
BANGKOK /
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