

List of pages in this Trip Kit

Trip Kit Index

Airport Information For LTFJ

Terminal Charts For LTFJ

Revision Letter For Cycle 26-2012

Change Notices

Notebook

General Information

Location: Istanbul Tur
IATA Code: SAW
Lat/Long: N40° 53.9' E029° 18.5'
Elevation: 312 ft

Airport Use: Public
Magnetic Variation: 4.9°E

Fuel Types: 100 Octane (LL), Jet A-1
Repair Types: Minor Airframe, Minor Engine
Customs: Yes
Airport Type: IFR
Landing Fee: No
Control Tower: Yes
Jet Start Unit: No
LLWS Alert: No
Beacon: Yes

Sunrise: 0527 Z
Sunset: 1451 Z,

Runway Information

Runway: 06
Length x Width: 9843 ft x 148 ft
Surface Type: concrete
TDZ-Elev: 300 ft
Lighting: Edge, ALS, Centerline, REIL
Stopway: 197 ft

Runway: 24
Length x Width: 9843 ft x 148 ft
Surface Type: concrete
TDZ-Elev: 306 ft
Lighting: Edge, ALS, Centerline, REIL
Stopway: 197 ft

Communication Information

ATIS 128.55
Gokcen Tower 120.925
Gokcen Tower 118.8
Gokcen Tower 37.877
Gokcen Tower 36.23
Gokcen Tower 24.31
Gokcen Delivery Ground Control 122.625
Gokcen Ground Control 121.75

Yesilkoy Approach Control 121.1
Yesilkoy Approach Control 120.5

1. GENERAL

1.1. ATIS

ATIS 128.55

1.2. PREFERENTIAL RWY SYSTEM (PRS)

Announcement of PRS operations in progress by ATIS.

Preferential RWY for landing is RWY 06. Pilots unable to comply PRS operations for RWY 06 shall notify ATC at first contact or 20 minutes in advance of the ETA, whichever is earlier. These traffic may normally be subject to delay. Aircrew must comply with the requirements announced by ATIS.

Preferential RWY for take-off is RWY 06. Pilots unable to comply PRS operations for RWY 06 shall notify ATC at the time of start-up clearance. These traffic may normally be subject to delay.

PRS operations shall be used when:

- preferred RWY is dry and tailwind component does not exceed 8 KT or;
- preferred RWY is wet and tailwind component does not exceed 5 KT or.

When braking action for the preferred RWY is less than 'Good, Good, Good', RWY to be used shall be selected so as to make landing and take-off into the wind.

It is the pilot decision and responsibility to accept or refuse the use of preferred RWY determined by ATC. If the pilot-in command requests permission to use a RWY other than the preferred one for landing or take off operations due to safety or performance reasons, this request will be met by ATC when it is available. In such cases, ACFT may be subject to delay. ATC shall notify pilots of delays expected to exceed 30 minutes.

1.3. TAXI PROCEDURES

CAUTION:

Due to dense ground movement Flight crew shall

- strictly obey ATC instructions and follow signs on apron and TWYs.
- never cross the RWY unless instruction is given by ATC.
- comply with read back and hear back procedures.

Flocks of sea gulls in vicinity of airport.

GA Apron, parking stands 9 thru 11, MRO, VIP and Fixed Base Operator (FBO) Apron not visible from Tower. Movement on these areas at own responsibility.

ACFT parking on GA Apron shall perform standard push-back to leave their parking slot.

1.4. PARKING PROCEDURES

Stands 201 thru 208 equipped with Automatic Guidance System.

1.5. RUN-UP TESTS

Engine test shall be performed at the MRO or Cargo Aprons.

ACFT operators intending to engine test shall get permission from Duty Manager of APT Authority (HEAS).

2. ARRIVAL

2.1. GNSS BASED RNAV STARS

When an arriving ACFT on a STAR is cleared to descend to an altitude/FL lower than the altitudes/FLs specified in a STAR, the ACFT shall follow the published vertical profile of a STAR, unless such restrictions are explicitly cancelled by ATC.

The cancelation of the level restrictions depicted on the STARS will be subject to the ATC clearance by the phrase:

"OPEN DESCEND TO ... (ALT./FL.)".

3. DEPARTURE

3.1. DE-ICING

Unless otherwise noted, ACFT de-icing & anti-icing operations will be made on the area between stand numbers 1-2-3-4-5 and 31-32 on Apron 1.

ACFT which need de-icing should submit the status before push back.

ACFT shall taxi to de-icing position by the assistance of "follow-me" car and comply to directives of marshaller.

After de-icing work was completed, even if the instructions given to taxi, ACFT shall not act without visual warning of marshaller.

3.2. NOISE ABATEMENT PROCEDURES

For departures, any ACFT having compliance with the noise category ICAO Annex 16 Chapter 3 and 4 shall apply NADP-2 whereas all other ACFT whose noise category are in compliance with ICAO Annex 16 Chapter 2 shall only apply NADP-1.

Pilots shall apply Noise Abatement Departure Procedure 1 or 2 (NADP-1 or NADP-2) which has been explained in ICAO Doc 8168 Vol 1 until passing 3000'.

3.3. GNSS BASED RNAV SIDS

When a departing ACFT on a SID is cleared to climb to an altitude/FL higher than the initially cleared altitude/FL or the altitudes/FLs specified in a SID, the ACFT shall follow the published vertical profile of a SID, unless such restrictions are explicitly cancelled by ATC.

The cancelation of the level restrictions depicted on the SIDs will be subject to the ATC clearance by the phrase;

"OPEN CLIMB TO ... (ALT./FL.)".

ATIS
128.55Apt Elev
312'

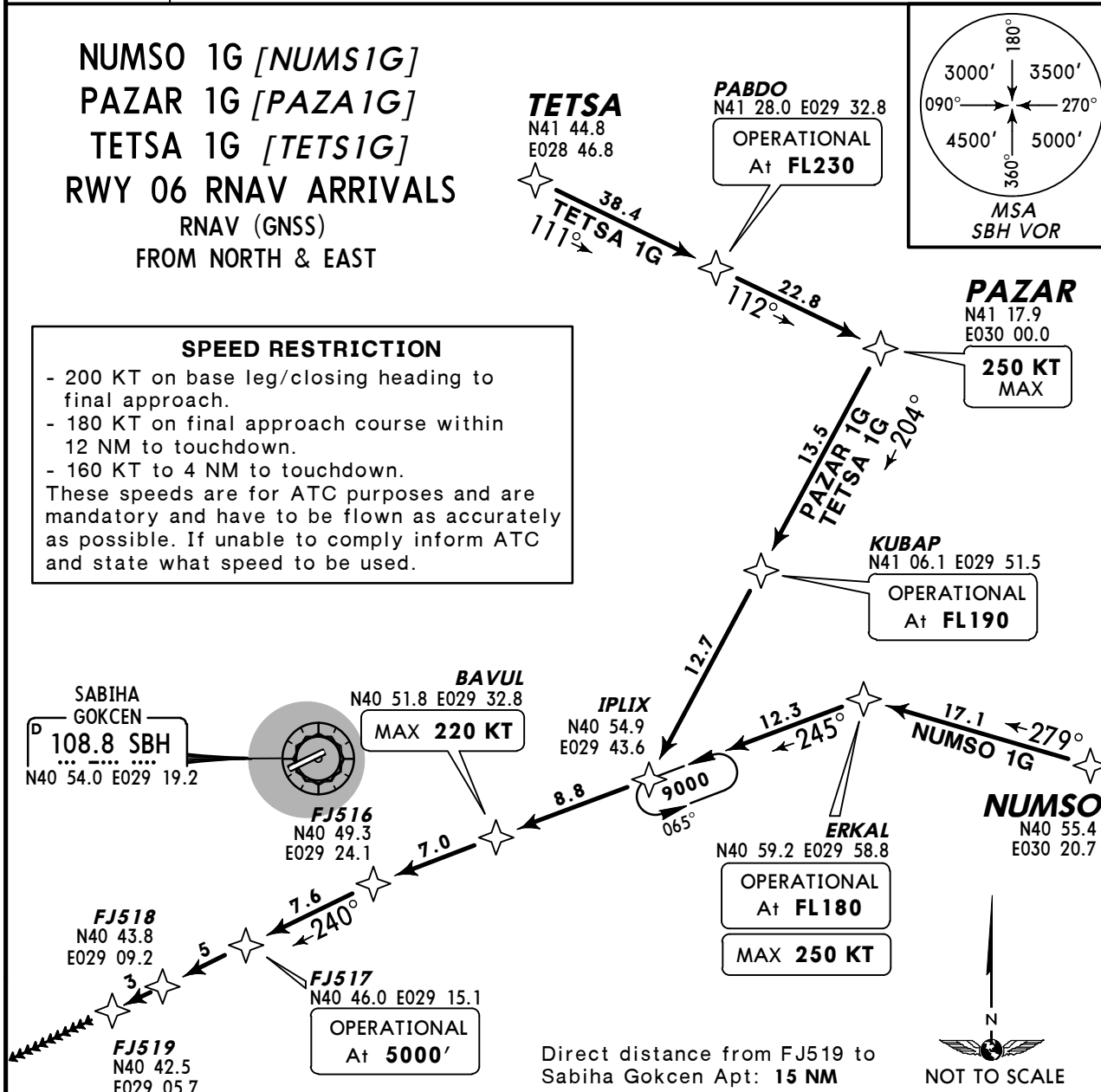
Alt Set: hPa Trans level: By ATC Trans alt: 10000'

1. RADAR required. 2. P-RNAV approval required otherwise advise ATC. 3. On downwind expect vectors to final. 4. At first contact with IST RADAR report if unable to comply RNAV STAR. At first contact with YESILKOY RADAR report only callsign. 5. Descend as cleared. 6. Crossings are for operational purposes. Do not descend to those altitudes/FLs unless authorized otherwise by ATC.

NUMSO 1G [NUMS1G]
PAZAR 1G [PAZA1G]
TETSA 1G [TETS1G]
RWY 06 RNAV ARRIVALS
RNAV (GNSS)
FROM NORTH & EAST

SPEED RESTRICTION

- 200 KT on base leg/closing heading to final approach.
 - 180 KT on final approach course within 12 NM to touchdown.
 - 160 KT to 4 NM to touchdown.
- These speeds are for ATC purposes and are mandatory and have to be flown as accurately as possible. If unable to comply inform ATC and state what speed to be used.



LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼

Outside TMA

Select transponder code 7600. Follow the flight plan route using last assigned and acknowledged FL. For 3 minutes execute relevant STAR. Then, descending 9000' proceed to SBH. Execute instrument approach procedure to land.

Inside TMA

If available call telephone number 0090 212 465 0121.

At or above 9000': Select transponder code 7600. For 3 minutes execute last assigned and acknowledged ATC instructions. Then, descending 9000' proceed to SBH. Execute instrument approach procedure to land.

Note: Traffic via 112.2 KFK is not allowed to descent below 10000' before passing DEKEK Int or beyond SBH 32 DME.

Below 9000': Select transponder code 7600. Proceed to SBH, descent or maintain last assigned and acknowledged altitude. Execute instrument approach procedure to land.

STAR

ROUTING

NUMSO 1G	NUMSO - ERKAL (OPERATIONAL FL180; K250-) - IPLIX - BAVUL (K220-) - FJ516 - FJ517 (OPERATIONAL 5000') - FJ518 - FJ519.
PAZAR 1G	PAZAR (K250-) - KUBAP (OPERATIONAL FL190) - IPLIX - BAVUL (K220-) - FJ516 - FJ517 (OPERATIONAL 5000') - FJ518 - FJ519.
TETSA 1G	TETSA - PABDO (OPERATIONAL FL230) - PAZAR (K250-) - KUBAP (OPERATIONAL FL190) - IPLIX - BAVUL (K220-) - FJ516 - FJ517 (OPERATIONAL 5000') - FJ518 - FJ519.

ATIS
128.55Apt Elev
312'

Alt Set: hPa Trans level: By ATC Trans alt: 10000'

1. RADAR required. 2. P-RNAV approval required otherwise advise ATC. 3. On downwind expect vectors to final. 4. At first contact with IST RADAR report if unable to comply RNAV STAR. At first contact with YESILKOY RADAR report only callsign. 5. Descend as cleared. 6. Crossings are for operational purposes. Do not descend to those altitudes/FLs unless authorized otherwise by ATC.

NUMSO 1H [NUMS1H]
PAZAR 1H [PAZA1H]
TETSA 1H [TETS1H]
RWY 24 RNAV ARRIVALS
RNAV (GNSS)
FROM NORTH & EAST

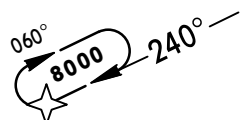
SPEED RESTRICTION

- 200 KT on base leg/closing heading to final approach.
 - 180 KT on final approach course within 12 NM to touchdown.
 - 160 KT to 4 NM to touchdown.
- These speeds are for ATC purposes and are mandatory and have to be flown as accurately as possible. If unable to comply inform ATC and state what speed to be used.

Direct distance from FJ935 to
Sabiha Gokcen Apt: 21 NM

SABIHA
GOKCEN
P 108.8 SBH
N40 54.0 E029 19.2

FJ932
N40 53.2 E029 34.8
OPERATIONAL
At 5000'

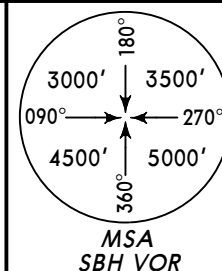
HOLDING
OVER MEOV

TETSA
N41 44.8
E028 46.8

PABDO
N41 28.0 E029 32.8

OPERATIONAL
At FL140

MAX 250 KT



PAZAR

N41 17.9
E030 00.0

PAZAR 1H
MAX
250 KT

NUMSO

N40 55.4
E030 20.7

NOT TO SCALE

LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST COMMS LOST COMMS

Outside TMA

Select transponder code 7600. Follow the flight plan route using last assigned and acknowledged FL. For 3 minutes execute relevant STAR. Then, descending 9000' proceed to SBH. Execute instrument approach procedure to land.

Inside TMA

If available call telephone number 0090 212 465 0121.

At or above 9000': Select transponder code 7600. For 3 minutes execute last assigned and acknowledged ATC intructions. Then, descending 9000' proceed to SBH. Execute instrument approach procedure to land.

Note: Traffic via 112.2 KFK is not allowed to descend below 10000' before passing DEKEK Int or beyond SBH 32 DME.

Below 9000': Select transponder code 7600. Proceed to SBH, descent or maintain last assigned and acknowledged altitude. Execute instrument approach procedure to land.

STAR

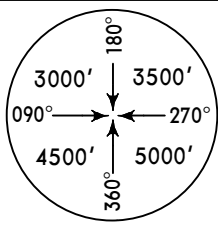
ROUTING

NUMSO 1H	NUMSO - TIRIM - MEOV (OPERATIONAL 9000'; K220-) - FJ931 - FJ932 (OPERATIONAL 5000') - FJ933 - FJ934 - FJ935.
PAZAR 1H	PAZAR (K250-) - MEOV (OPERATIONAL 9000'; K220-) - FJ931 - FJ932 (OPERATIONAL 5000') - FJ933 - FJ934 - FJ935.
TETSA 1H	TETSA - PABDO (OPERATIONAL FL140; K250-) - PAZAR - MEOV (OPERATIONAL 9000'; K220-) - FJ931 - FJ932 (OPERATIONAL 5000') - FJ933 - FJ934 - FJ935.

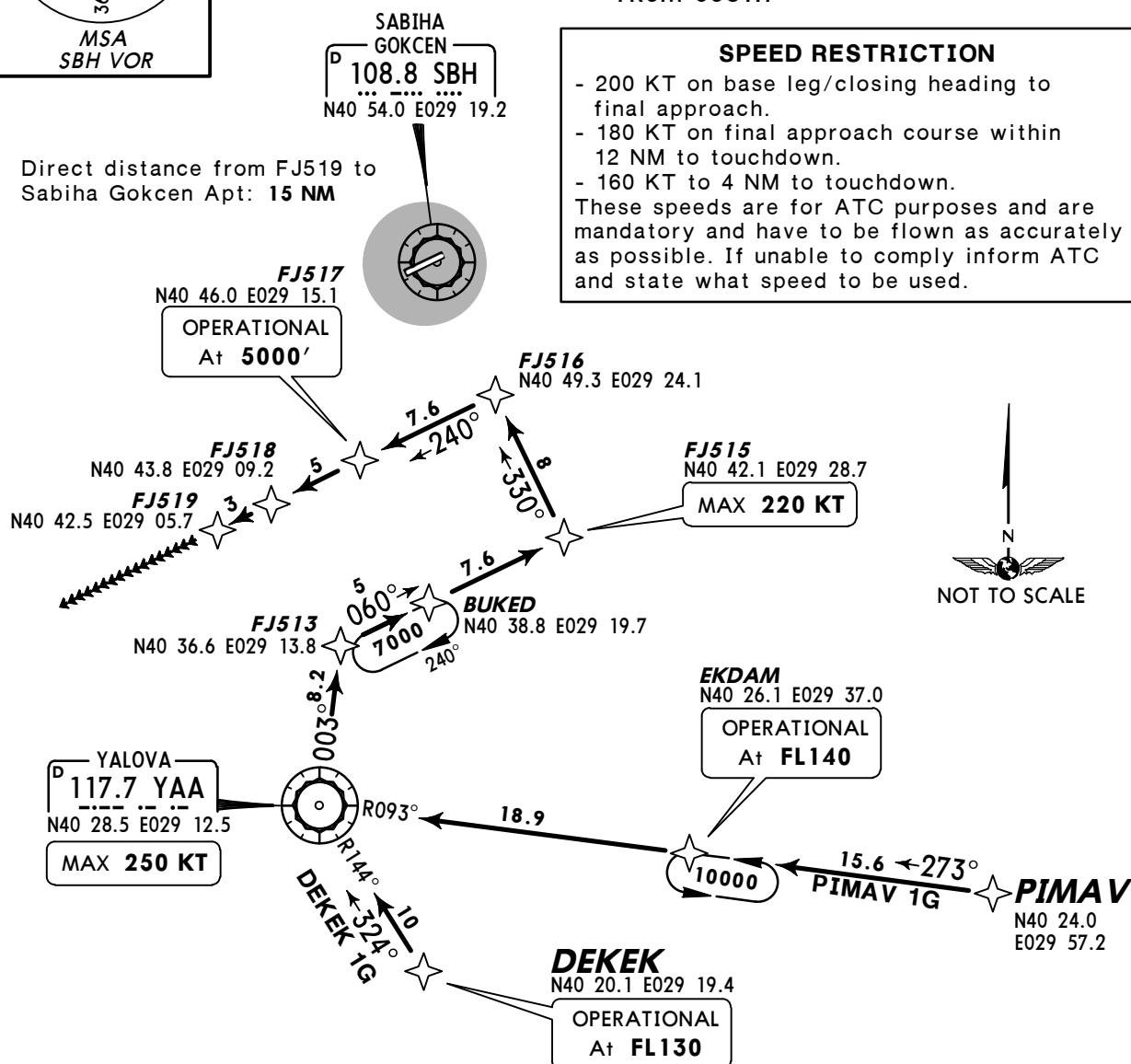
ATIS
128.55Apt Elev
312'

Alt Set: hPa Trans level: By ATC Trans alt: 10000'

1. RADAR required. 2. P-RNAV approval required otherwise advise ATC. 3. On downwind expect vectors to final. 4. At first contact with IST RADAR report if unable to comply RNAV STAR. At first contact with YESILKOY RADAR report only callsign. 5. Descend as cleared. 6. Crossings are for operational purposes. Do not descend to those altitudes/FLs unless authorized otherwise by ATC.

MSA
SBH VOR**DEKEK 1G [DEKE1G], PIMAV 1G [PIMA1G]
RWY 06 RNAV ARRIVALS**RNAV (GNSS)
FROM SOUTH**SPEED RESTRICTION**

- 200 KT on base leg/closing heading to final approach.
 - 180 KT on final approach course within 12 NM to touchdown.
 - 160 KT to 4 NM to touchdown.
- These speeds are for ATC purposes and are mandatory and have to be flown as accurately as possible. If unable to comply inform ATC and state what speed to be used.

Direct distance from FJ519 to
Sabiha Gokcen Apt: **15 NM**

LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼

Outside TMA

Select transponder code 7600. Follow the flight plan route using last assigned and acknowledged FL. For 3 minutes execute relevant STAR. Then, descending 9000' proceed to SBH. Execute instrument approach procedure to land.

Inside TMA

If available call telephone number 0090 212 465 0121.

At or above 9000': Select transponder code 7600. For 3 minutes execute last assigned and acknowledged ATC instructions. Then, descending 9000' proceed to SBH. Execute instrument approach procedure to land.

Note: Traffic via 112.2 KFK is not allowed to descent below 10000' before passing DEKEK Int or beyond SBH 32 DME.

Below 9000': Select transponder code 7600. Proceed to SBH, descent or maintain last assigned and acknowledged altitude. Execute instrument approach procedure to land.

STAR**ROUTING****DEKEK 1G**

DEKEK (OPERATIONAL FL130) - YAA (K250-) - FJ513 - BUKED - FJ515 (K220-) - FJ516 - FJ517 (OPERATIONAL 5000') - FJ518 - FJ519.

PIMAV 1G

PIMAV - EKDAM (OPERATIONAL FL140) - YAA (K250-) - FJ513 - BUKED - FJ515 (K220-) - FJ516 - FJ517 (OPERATIONAL 5000') - FJ518 - FJ519.

ATIS
128.55Apt Elev
312'

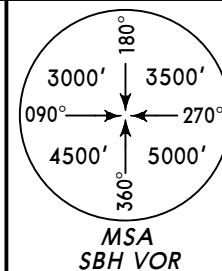
Alt Set: hPa Trans level: By ATC Trans alt: 10000'

1. RADAR required. 2. P-RNAV approval required otherwise advise ATC. 3. On downwind expect vectors to final. 4. At first contact with IST RADAR report if unable to comply RNAV STAR. At first contact with YESILKOY RADAR report only callsign. 5. Descend as cleared. 6. Crossings are for operational purposes. Do not descend to those altitudes/FLs unless authorized otherwise by ATC.

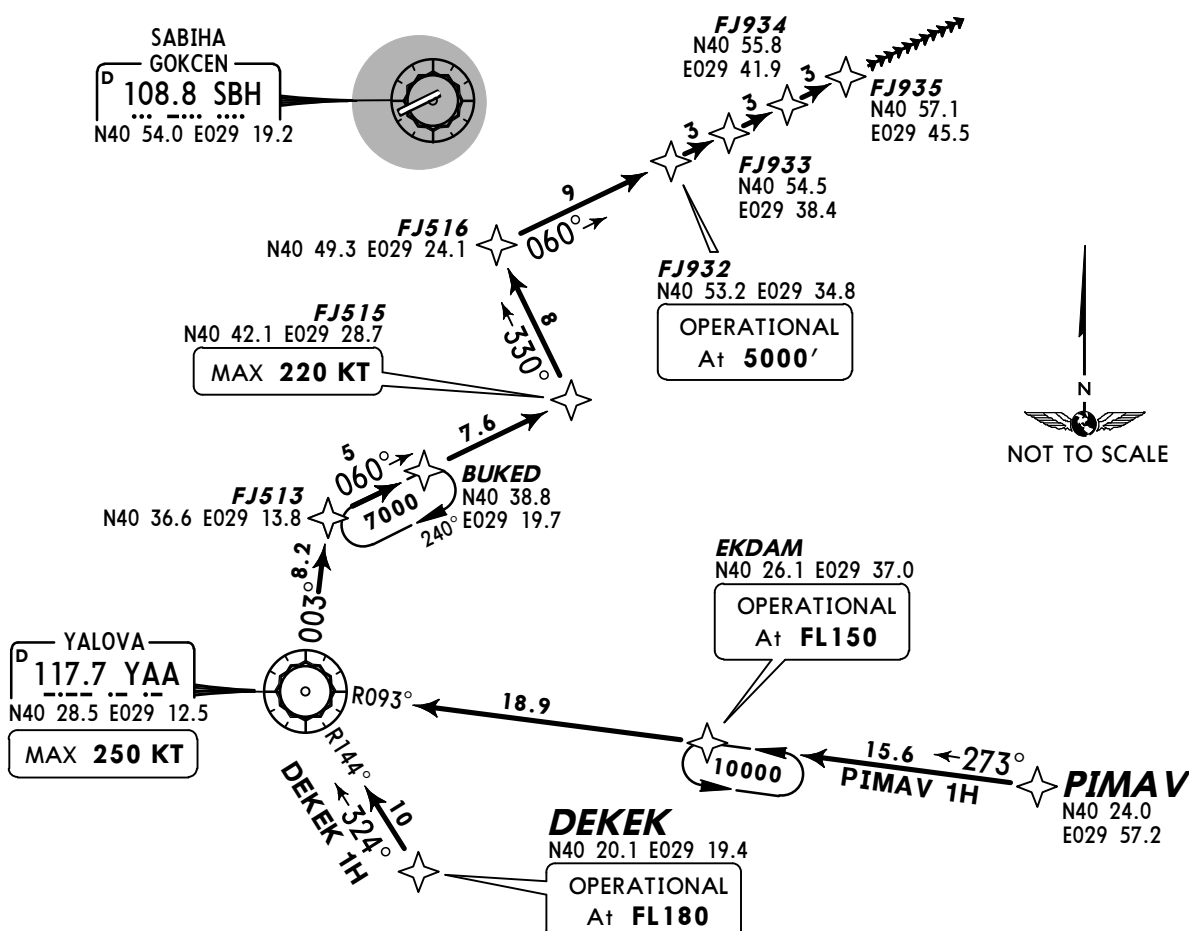
**DEKEK 1H [DEKE1H], PIMAV 1H [PIMA1H]
RWY 24 RNAV ARRIVALS**RNAV (GNSS)
FROM SOUTH**SPEED RESTRICTION**

- 200 KT on base leg/closing heading to final approach.
- 180 KT on final approach course within 12 NM to touchdown.
- 160 KT to 4 NM to touchdown.

These speeds are for ATC purposes and are mandatory and have to be flown as accurately as possible. If unable to comply inform ATC and state what speed to be used.



Direct distance from
FJ935 to Sabiha
Gokcen Apt: **21 NM**



LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼ LOST COMMS ▼

Outside TMA

Select transponder code 7600. Follow the flight plan route using last assigned and acknowledged FL. For 3 minutes execute relevant STAR. Then, descending 9000' proceed to SBH. Execute instrument approach procedure to land.

Inside TMA

If available call telephone number 0090 212 465 0121.

At or above 9000': Select transponder code 7600. For 3 minutes execute last assigned and acknowledged ATC intructions. Then, descending 9000' proceed to SBH. Execute instrument approach procedure to land.

Note: Traffic via 112.2 KFK is not allowed to descent below 10000' before passing DEKEK Int or beyond SBH 32 DME.

Below 9000': Select transponder code 7600. Proceed to SBH, descent or maintain last assigned and acknowledged altitude. Execute instrument approach procedure to land.

STAR**ROUTING**

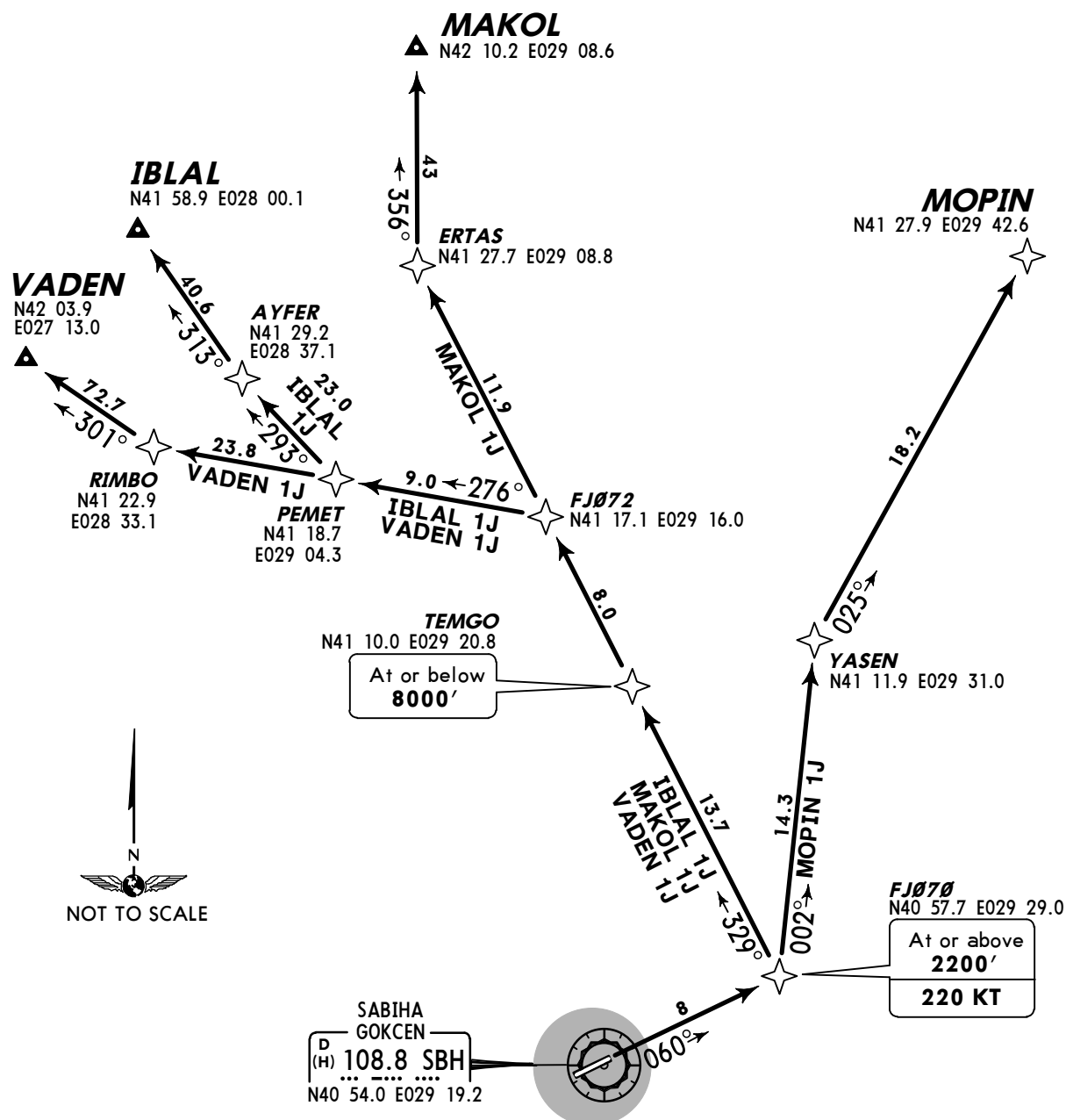
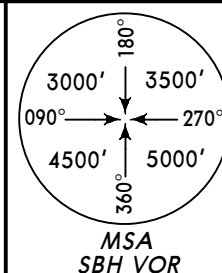
DEKEK 1H	DEKEK (OPERATIONAL FL180) - YAA (K250-) - FJ513 - BUKED - FJ515 (K220-) - FJ516 - FJ932 (OPERATIONAL 5000') - FJ933 - FJ934 - FJ935.
PIMAV 1H	PIMAV - EKDAM (OPERATIONAL FL150) - YAA (K250-) - FJ513 - BUKED - FJ515 (K220-) - FJ516 - FJ932 (OPERATIONAL 5000') - FJ933 - FJ934 - FJ935.

YESILKOY Radar
126.42Apt Elev
312'

Trans level: By ATC Trans alt: 10000'

1. Contact YESILKOY Radar immediately after take-off, check ATIS for current frequency.
2. RADAR required.
3. P-RNAV approval required otherwise advise ATC.

IBLAL 1J [IBLA1J], MAKOL 1J [MAKO1J]
MOPIN 1J [MOP11J], VADEN 1J [VADE1J]
RWY 06 RNAV DEPARTURES
RNAV (GNSS)
TO NORTH



These SIDs require a minimum climb gradient of 243' per NM (4%) up to 3000'.

Gnd speed-KT	75	100	150	200	250	300
243' per NM	304	405	608	810	1013	1215

Initial climb clearance **7000'**

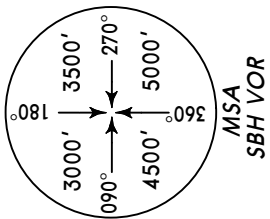
SID	ROUTING
IBLAL 1J	FJ070 (2200'+; K220) - TEMGO (8000'-) - FJ072 - PEMET - AYFER - IBLAL.
MAKOL 1J	FJ070 (2200'+; K220) - TEMGO (8000'-) - FJ072 - ERTAS - MAKOL.
MOPIN 1J	FJ070 (2200'+; K220) - YASEN - MOPIN.
VADEN 1J	FJ070 (2200'+; K220) - TEMGO (8000'-) - FJ072 - PEMET - RIMBO - VADEN.

YESILKOY Radar
126.42

Apt Elev
312'

Trans level: By ATC Trans alt: 10000'

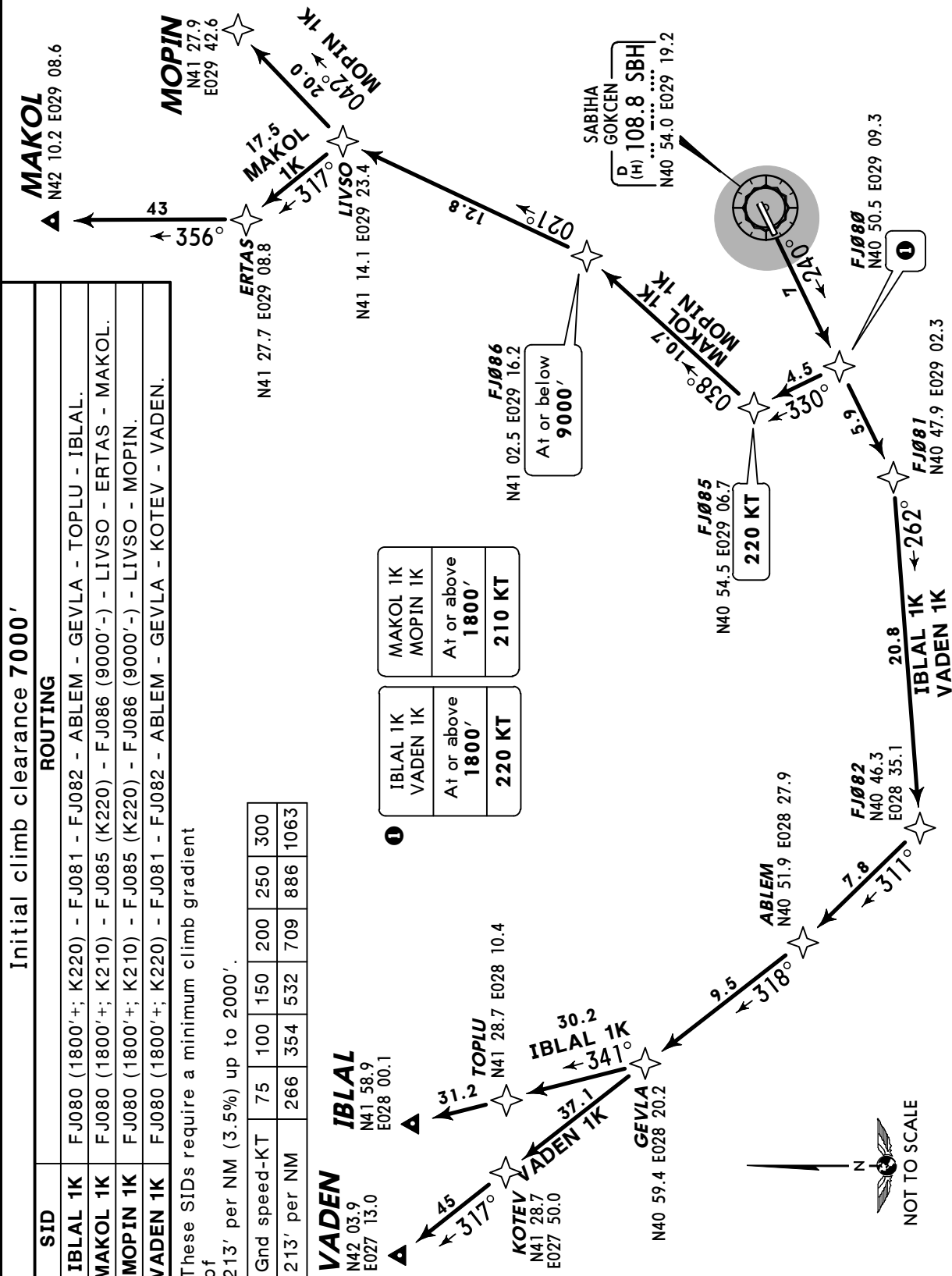
1. Contact YESILKOY Radar immediately after take-off, check ATIS for current frequency.
2. RADAR required.
3. P-RNAV approval required otherwise advise ATC.



IBLAL 1K [IBLA1K], MAKOL 1K [MAKO1K] MOPIN 1K [MOP11K], VADEN 1K [VADE1K] RWY 24 RNAV DEPARTURES

RNAV (GNSS)

TO BE EXECUTED WITH LTBA RNAV STARS RWYS 17L/R
TO NORTH



Initial climb clearance 7000'

ROUTING

SID	ROUTING
IBLAL 1K	FJ080 (1800'+; K220) - FJ081 - FJ082 - ABLEM - GEVLA - TOPLU - IBLAL.
MAKOL 1K	FJ080 (1800'+; K210) - FJ085 (K220) - FJ086 (9000'-) - LIVSO - ERTAS - MAKOL.
MOPIN 1K	FJ080 (1800'+; K210) - FJ085 (K220) - FJ086 (9000'-) - LIVSO - MOPIN.
VADEN 1K	FJ080 (1800'+; K220) - FJ081 - FJ082 - ABLEM - GEVLA - KOTEV - VADEN.

These SIDs require a minimum climb gradient of 213' per NM (3.5%) up to 2000'.

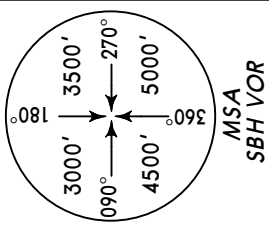
Gnd speed-KT	75	100	150	200	250	300
213' per NM	266	354	532	709	886	1063

IBLAL 1K VADEN 1K	At or above 1800'	220 KT
MAKOL 1K MOPIN 1K	At or above 1800'	210 KT

YESILKOY Radar
126.42Apt Elev
312'

Trans level: By ATC Trans alt: 10000'

1. Contact YESILKOY Radar immediately after take-off, check ATIS for current frequency.
2. RADAR required.
3. P-RNAV approval required otherwise advise ATC.

**IBLAL 1L [IBLA1L], MAKOL 1L [MAKO1L]
MOPIN 1L [MOP11L], VADEN 1L [VADE1LK]
RWY 24 RNAV DEPARTURES**

RNAV (GNSS)

TO BE EXECUTED WITH LTBA RNAV STARS RWY 23
TO NORTH

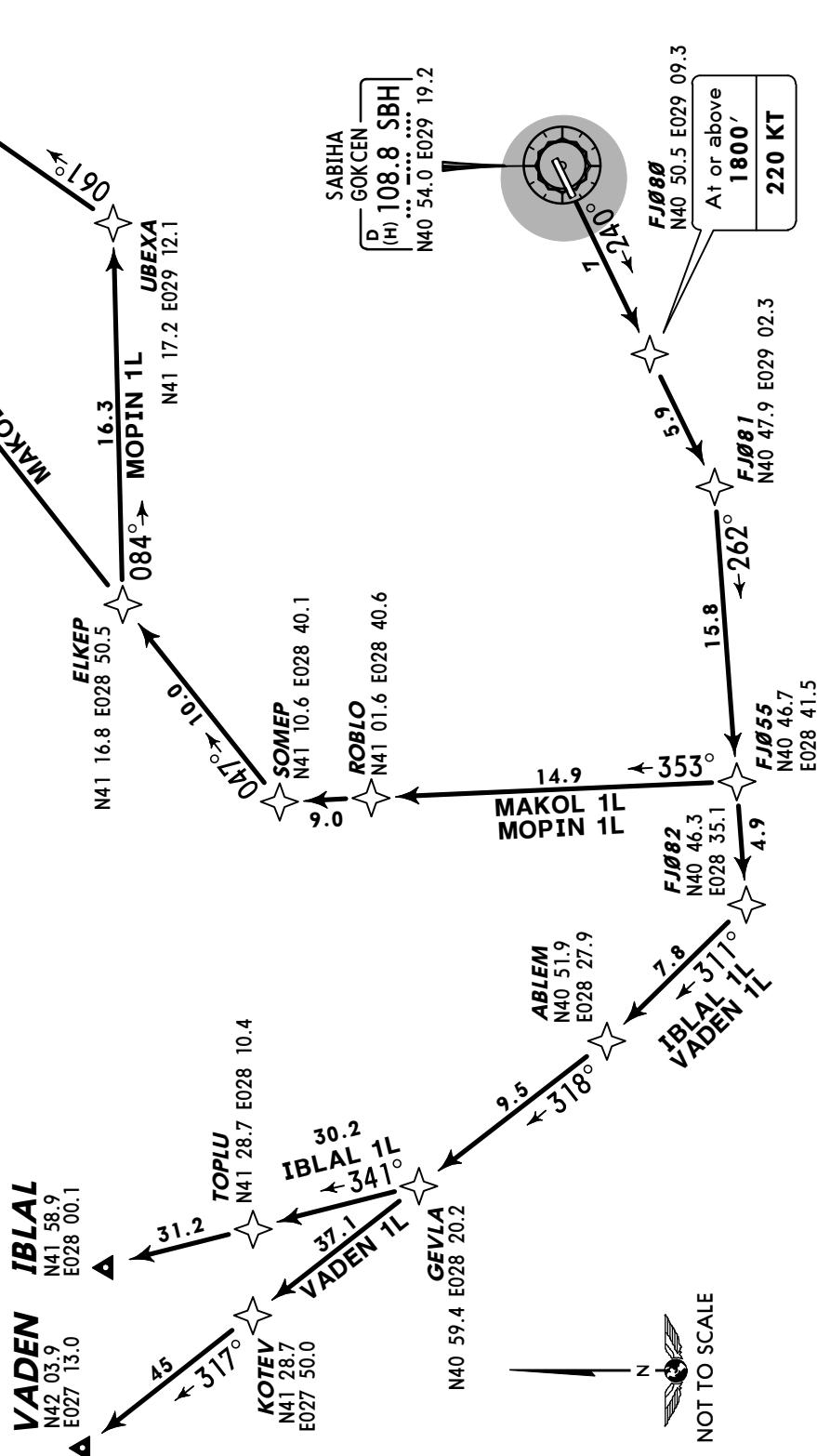
Initial climb clearance 7000'

ROUTING

SID	ROUTING
IBLAL 1L	FJ080 (1800'+; K220) - FJ081 - FJ082 - ABLEM - GEVLA - TOPLU - IBLAL.
MAKOL 1L	FJ080 (1800'+; K220) - FJ081 - FJ055 - ROBLO - SOMEPE - ELKEP - ERTAS - MAKOL.
MOPIN 1L	FJ080 (1800'+; K220) - FJ081 - FJ055 - ROBLO - SOMEPE - ELKEP - UBEXA - MOPIN.
VADEN 1L	FJ080 (1800'+; K220) - FJ081 - FJ082 - ABLEM - GEVLA - KOTEV - VADEN.

These SIDs require a minimum climb gradient
of 213' per NM (3.5%) up to 2000'.

Gnd speed-KT	75	100	150	200	250	300
213' per NM	266	354	532	709	886	1063



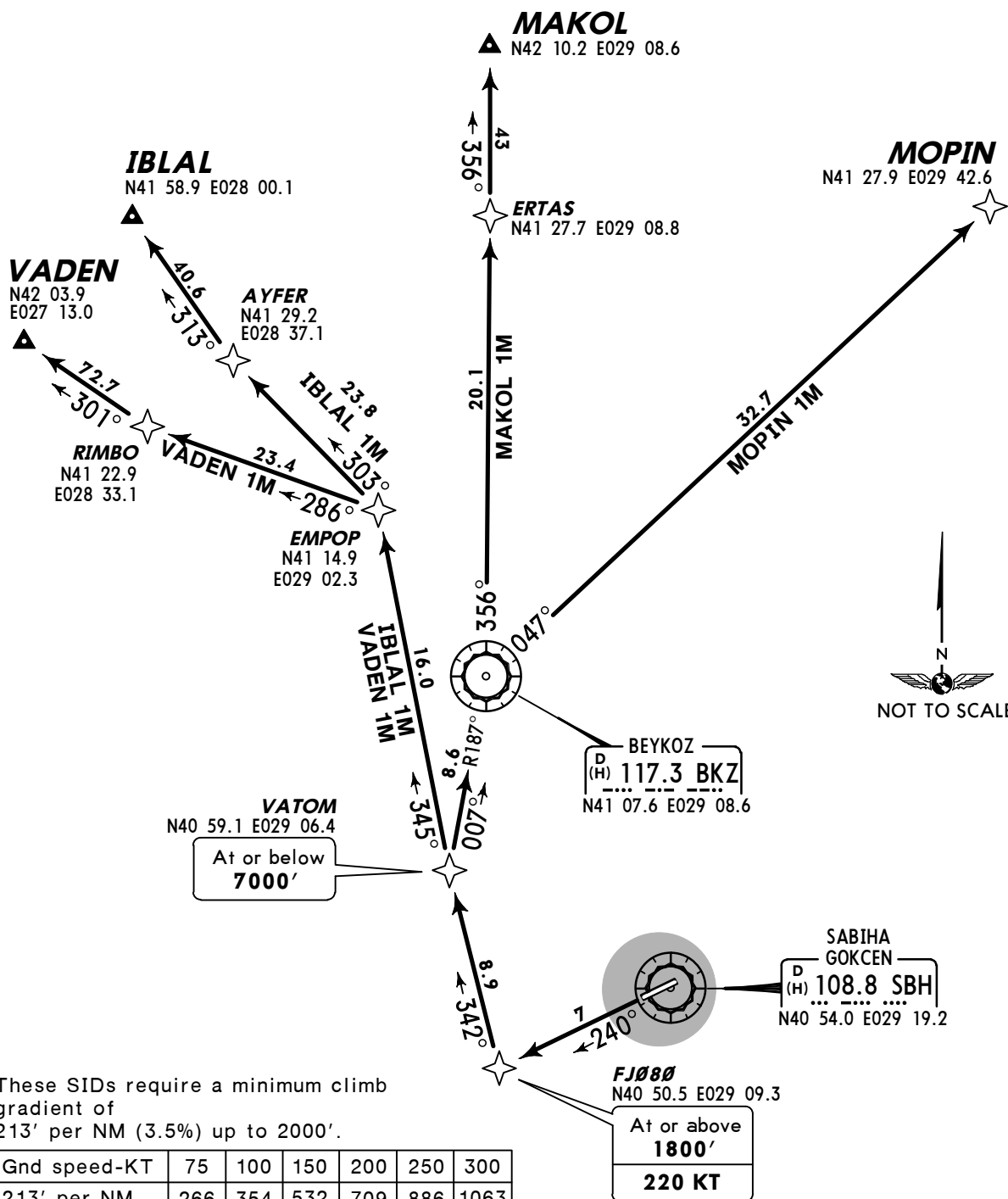
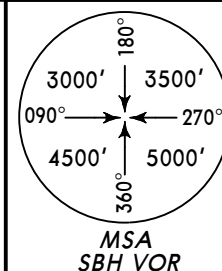
YESILKOY Radar
126.42Apt Elev
312'

Trans level: By ATC Trans alt: 10000'

1. Contact YESILKOY Radar immediately after take-off, check ATIS for current frequency.
2. RADAR required.
3. P-RNAV approval required otherwise advise ATC.

**IBLAL 1M [IBLA1M], MAKOL 1M [MAKO1M]
MOPIN 1M [MOPI1M], VADEN 1M [VADE1M]
RWY 24 RNAV DEPARTURES**

RNAV (GNSS)

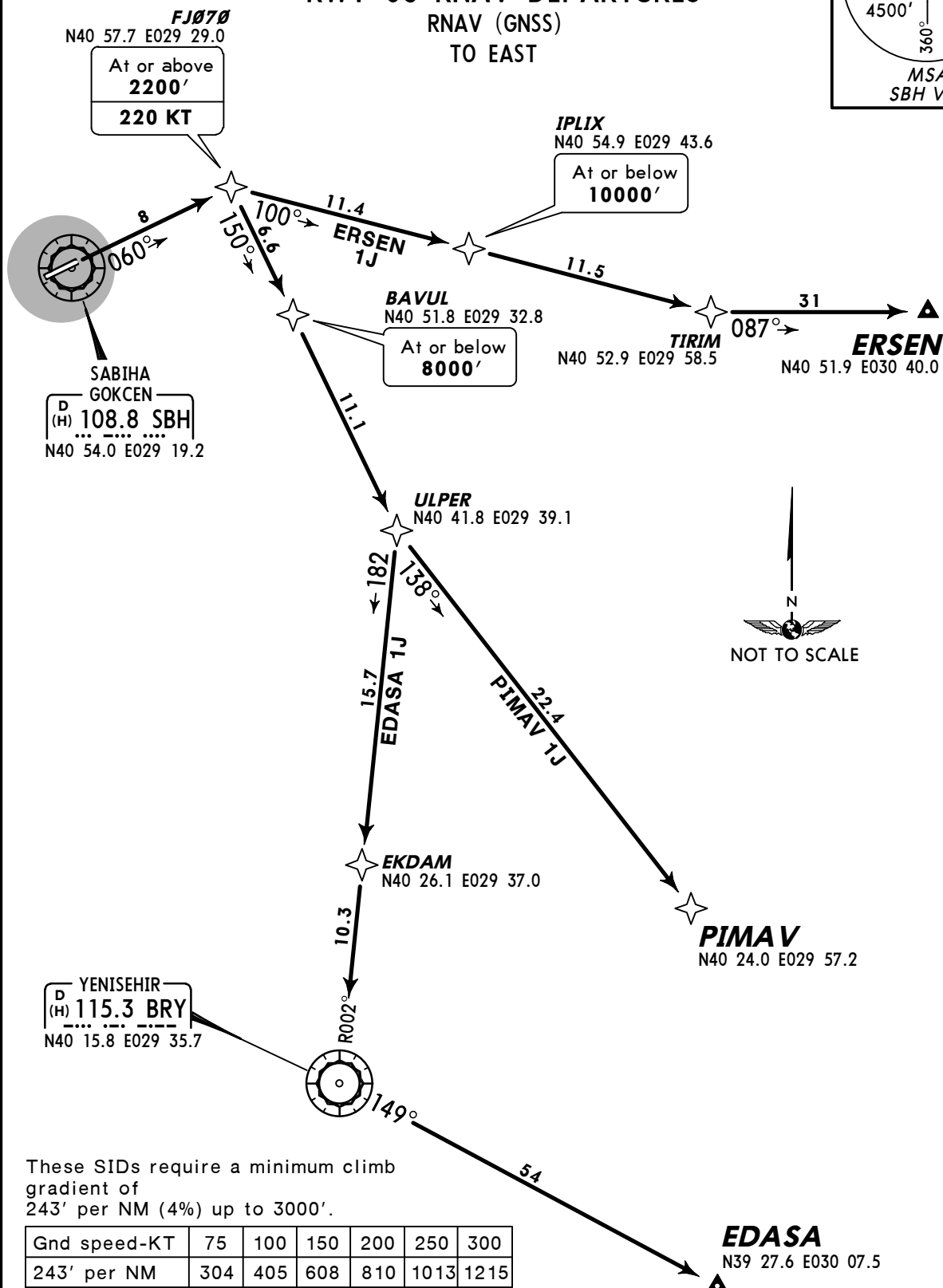
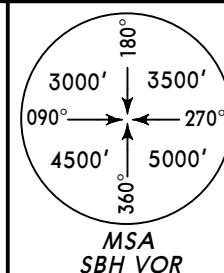
TO BE EXECUTED WITH LTBA RNAV STARS RWY 35L/R
TO NORTHInitial climb clearance **7000'**

SID	ROUTING
IBLAL 1M	FJ080 (1800'+; K220) - VATOM (7000'-) - EMPOP - AYFER - IBLAL.
MAKOL 1M	FJ080 (1800'+; K220) - VATOM (7000'-) - BKZ - ERTAS - MAKOL.
MOPIN 1M	FJ080 (1800'+; K220) - VATOM (7000'-) - BKZ - MOPIN.
VADEN 1M	FJ080 (1800'+; K220) - VATOM (7000'-) - EMPOP - RIMBO - VADEN.

YESILKOY Radar
126.42Apt Elev
312'

Trans level: By ATC Trans alt: 10000'

1. Contact YESILKOY Radar immediately after take-off, check ATIS for current frequency.
2. RADAR required.
3. P-RNAV approval required otherwise advise ATC.

**EDASA 1J [EDAS1J]
ERSEN 1J [ERSE1J], PIMAV 1J [PIMA1J]
RWY 06 RNAV DEPARTURES**RNAV (GNSS)
TO EAST

These SIDs require a minimum climb gradient of 243' per NM (4%) up to 3000'.

Gnd speed-KT	75	100	150	200	250	300
243' per NM	304	405	608	810	1013	1215

Initial climb clearance **7000'**

SID	ROUTING
EDASA 1J	FJ070 (2200'+; K220) - BAVUL (8000'-) - ULPER - EKDAM - BRY - EDASA.
ERSEN 1J	FJ070 (2200'+; K220) - IPLIX (10000'-) - TIRIM - ERSEN.
PIMAV 1J	FJ070 (2200'+; K220) - BAVUL (8000'-) - ULPER - PIMAV.

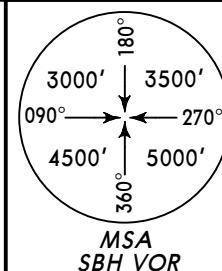
YESILKOY Radar
126.42Apt Elev
312'

Trans level: By ATC Trans alt: 10000'

1. Contact YESILKOY Radar immediately after take-off, check ATIS for current frequency.
2. RADAR required.
3. P-RNAV approval required otherwise advise ATC.

**EDASA 1K [EDAS1K]
ERSEN 1K [ERSE1K], PIMAV 1K [PIMA1K]
RWY 24 RNAV DEPARTURES**

RNAV (GNSS)

TO BE EXECUTED WITH LTBA RNAV STARS RWYS 17L/R
TO EAST**FJ080**
N40 50.5 E029 09.3At or above
1800'
220 KTSABIHA
GOKCEN
D (H) 108.8 SBH
N40 54.0 E029 19.2**FJ083**
N40 45.5 E029 13.8At or below
8000'**BUKED**
N40 38.8 E029 19.7At or below
10000'**FJ087**
N40 35.1 E029 29.1**ERSEN**
N40 51.9 E030 40.0**NARUB**
N40 38.5 E029 57.9**PIMAV**
N40 24.0 E029 57.2YENISEHIR
D (H) 115.3 BRY
N40 15.8 E029 35.7**EDASA**
N39 27.6 E030 07.5

These SIDs require a minimum climb gradient
of
213' per NM (3.5%) up to 2000'.

Gnd speed-KT	75	100	150	200	250	300
213' per NM	266	354	532	709	886	1063

Initial climb clearance **7000'**

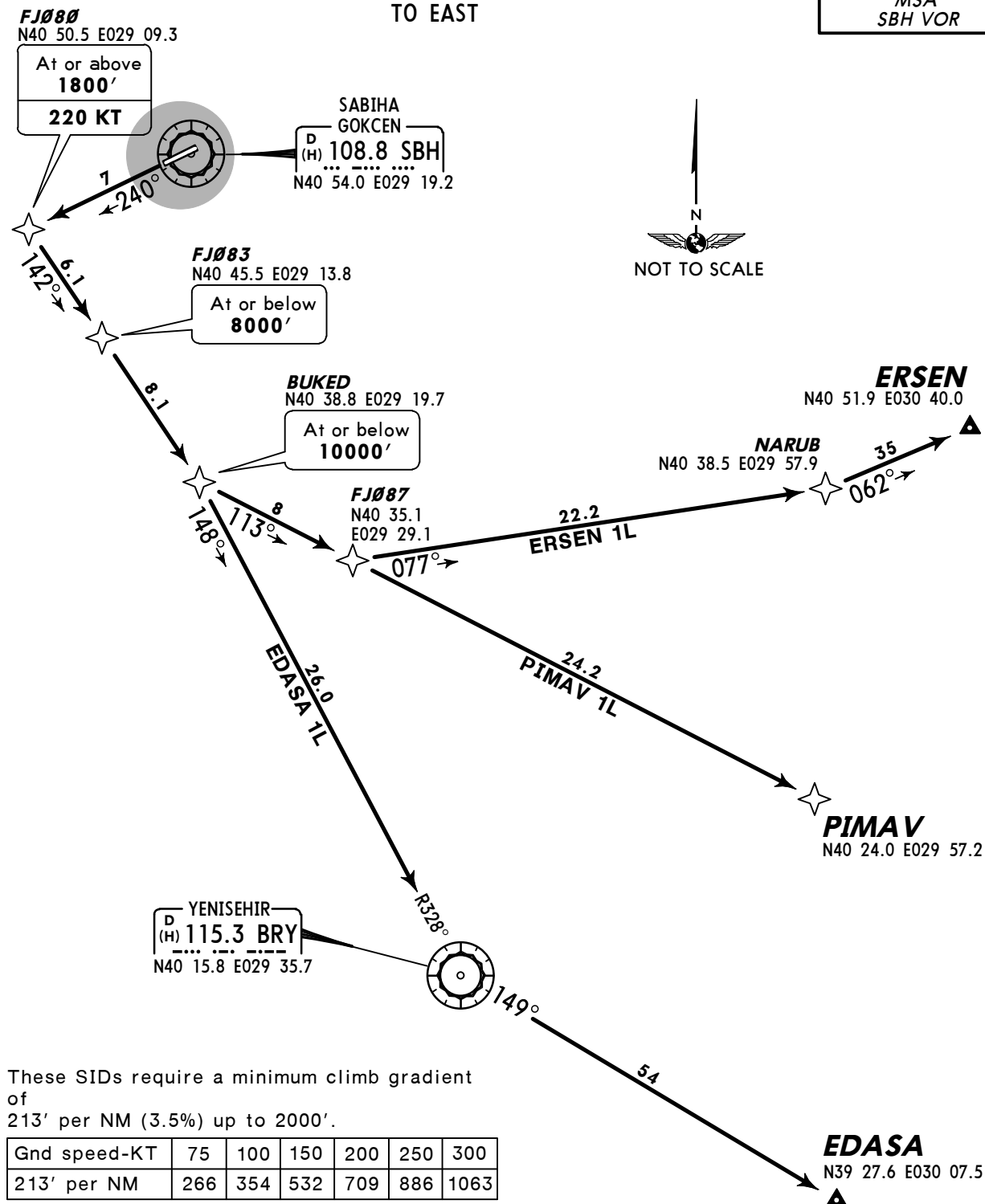
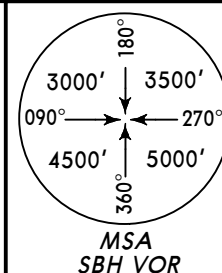
SID	ROUTING
EDASA 1K	FJ080 (1800'+; K220) - FJ083 (8000'-) - BUKED (10000'-) - BRY - EDASA.
ERSEN 1K	FJ080 (1800'+; K220) - FJ083 (8000'-) - BUKED (10000'-) - FJ087 - NARUB - ERSEN.
PIMAV 1K	FJ080 (1800'+; K220) - FJ083 (8000'-) - BUKED (10000'-) - FJ087 - PIMAV.

YESILKOY Radar
126.42Apt Elev
312'

Trans level: By ATC Trans alt: 10000'

1. Contact YESILKOY Radar immediately after take-off, check ATIS for current frequency.
2. RADAR required.
3. P-RNAV approval required otherwise advise ATC.

EDASA 1L [EDAS1L]
ERSEN 1L [ERSE1L], PIMAV 1L [PIMA1L]
RWY 24 RNAV DEPARTURES
RNAV (GNSS)
TO BE EXECUTED WITH LTBA RNAV STARS RWY 23
TO EAST



These SIDs require a minimum climb gradient of 213' per NM (3.5%) up to 2000'.

Gnd speed-KT	75	100	150	200	250	300
213' per NM	266	354	532	709	886	1063

Initial climb clearance **7000'**

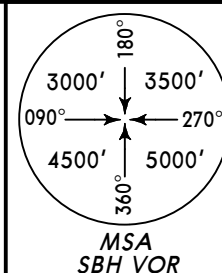
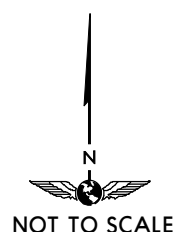
SID	ROUTING
EDASA 1L	FJ080 (1800'+; K220) - FJ083 (8000'-) - BUKED (10000'-) - BRY - EDASA.
ERSEN 1L	FJ080 (1800'+; K220) - FJ083 (8000'-) - BUKED (10000'-) - FJ087 - NARUB - ERSEN.
PIMAV 1L	FJ080 (1800'+; K220) - FJ083 (8000'-) - BUKED (10000'-) - FJ087 - PIMAV.

YESILKOY Radar
126.42Apt Elev
312'

Trans level: By ATC Trans alt: 10000'

1. Contact YESILKOY Radar immediately after take-off, check ATIS for current frequency.
2. RADAR required.
3. P-RNAV approval required otherwise advise ATC.

EDASA 1M [ERSE1M]
ERSEN 1M [ERSE1M], PIMAV 1M [PIMA1M]
RWY 24 RNAV DEPARTURES
RNAV (GNSS)
TO BE EXECUTED WITH LTBA RNAV STARS RWY 35L/R
TO EAST

**FJ080**
N40 50.5 E029 09.3At or above
1800'
220 KT
1
240°
SABIHA GOKCEN
D (H) 108.8 SBH
N40 54.0 E029 19.2**FJ083**
N40 45.5 E029 13.8At or below
8000'**BUKED**
N40 38.8 E029 19.7At or below
10000'**FJ087**
N40 35.1 E029 29.1**ERSEN**
N40 51.9 E030 40.0**NARUB**
N40 38.5 E029 57.922.2
ERSEN 1M24.2
PIMAV 1M**PIMAV**
N40 24.0 E029 57.2**YENISEHIR**
D (H) 115.3 BRY
N40 15.8 E029 35.726.0
EDASA 1M**EDASA**
N39 27.6 E030 07.5

These SIDs require a minimum climb gradient of 213' per NM (3.5%) up to 2000'.

Gnd speed-KT	75	100	150	200	250	300
213' per NM	266	354	532	709	886	1063

Initial climb clearance **7000'**

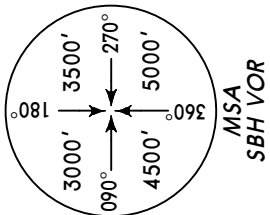
SID	ROUTING
EDASA 1M	FJ080 (1800'+; K220) - FJ083 (8000'-) - BUKED (10000'-) - BRY - EDASA.
ERSEN 1M	FJ080 (1800'+; K220) - FJ083 (8000'-) - BUKED (10000'-) - FJ087 - NARUB - ERSEN.
PIMAV 1M	FJ080 (1800'+; K220) - FJ083 (8000'-) - BUKED (10000'-) - FJ087 - PIMAV.

YESILKOY Radar
126.42

Apt Elev
312'

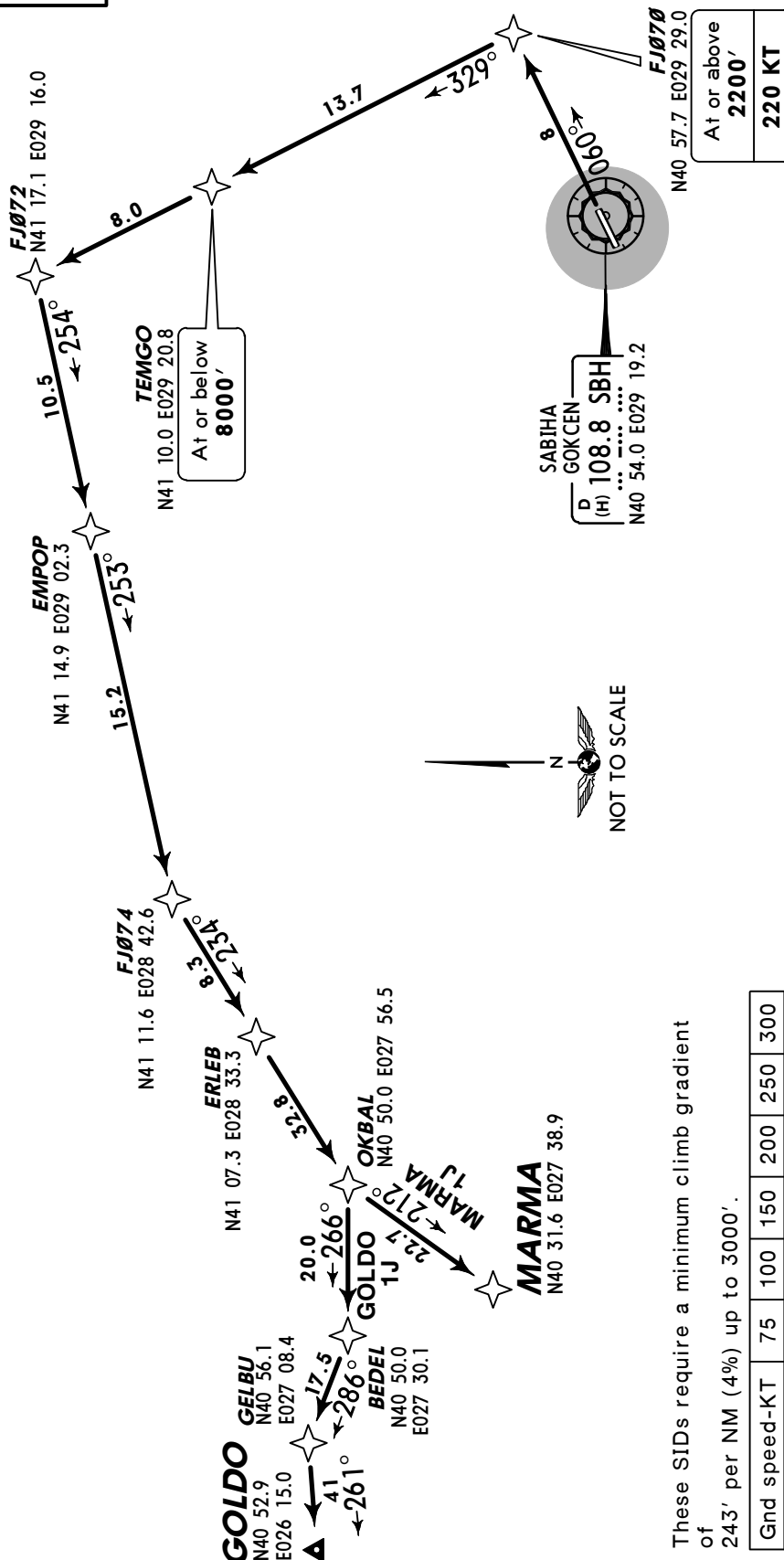
Trans level: By ATC Trans alt: 10000'

1. Contact YESILKOY Radar immediately after take-off, check ATIS for current frequency.
2. RADAR required.
3. P-RNAV approval required otherwise advise ATC.



GOLDO 1J [GOLD1J], MARMA 1J [MARM1J] RWY 06 RNAV DEPARTURES

RNAV (GNSS)
TO WEST



These SIDs require a minimum climb gradient of 243' per NM (4%) up to 3000'.

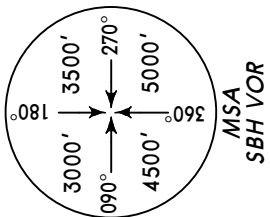
Gnd speed-KT	75	100	150	200	250	300
243' per NM	304	405	608	810	1013	1215

YESILKOY Radar
126.42

Apt Elev
312'

Trans level: By ATC Trans alt: 10000'

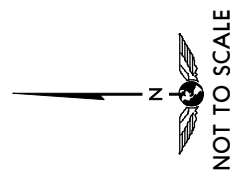
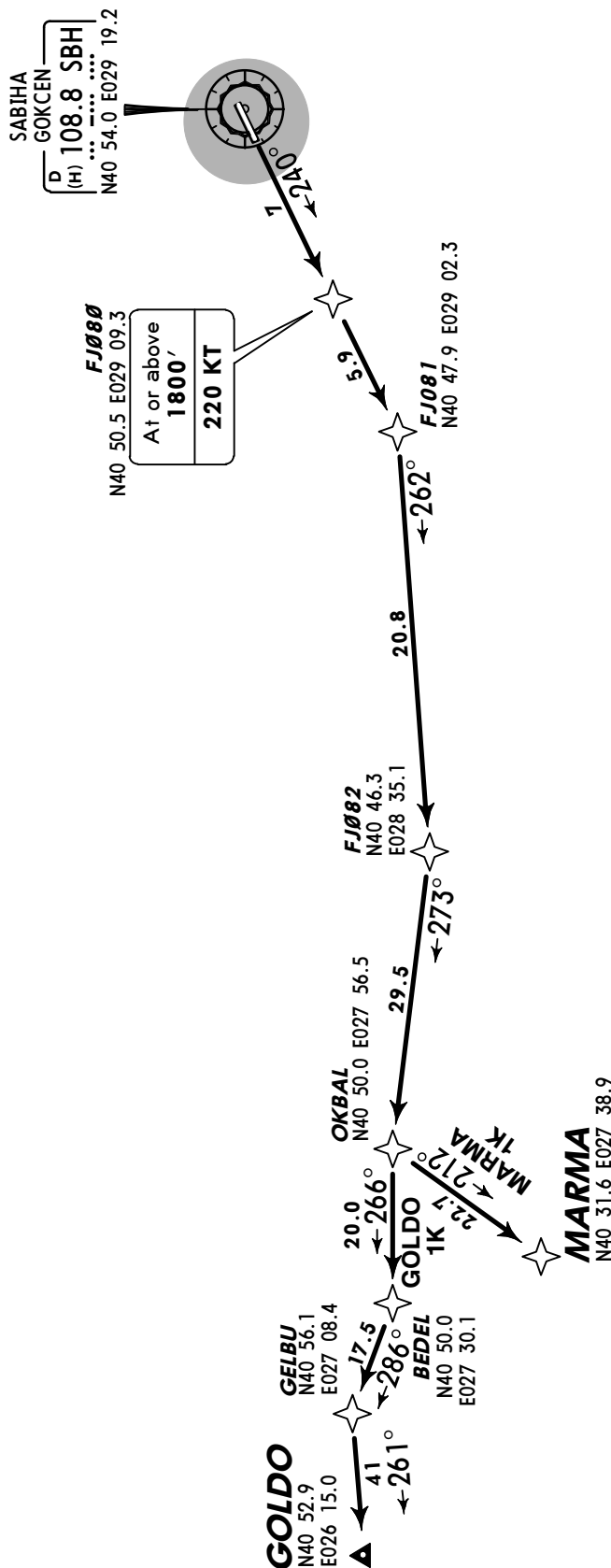
1. Contact YESILKOY Radar immediately after take-off, check ATIS for current frequency.
2. RADAR required.
3. P-RNAV approval required otherwise advise ATC.



GOLDO 1K [GOLD1K], MARMA 1K [MARM1K] RWY 24 RNAV DEPARTURES

RNAV (GNSS)

TO BE EXECUTED WITH LTBA RNAV STARS RWYS 17L/R
TO WEST



These SIDs require a minimum climb gradient of 213' per NM (3.5%) up to 2000'.

Gnd speed-KT	75	100	150	200	250	300
213' per NM	266	354	532	709	886	1063

Initial climb clearance 7000'

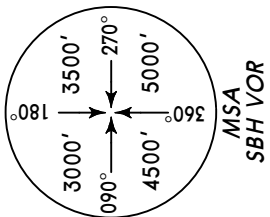
ROUTING	
SID	
GOLDO 1K	FJ080 (1800'+; K220) - FJ081 - FJ082 - OKBAL - BEDEL - GELBU - GOLDO.
MARMA 1K	FJ080 (1800'+; K220) - FJ081 - FJ082 - OKBAL - MARMA.

YESILKOY Radar
126.42

Apt Elev
312'

Trans level: By ATC Trans alt: 10000'

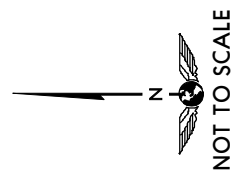
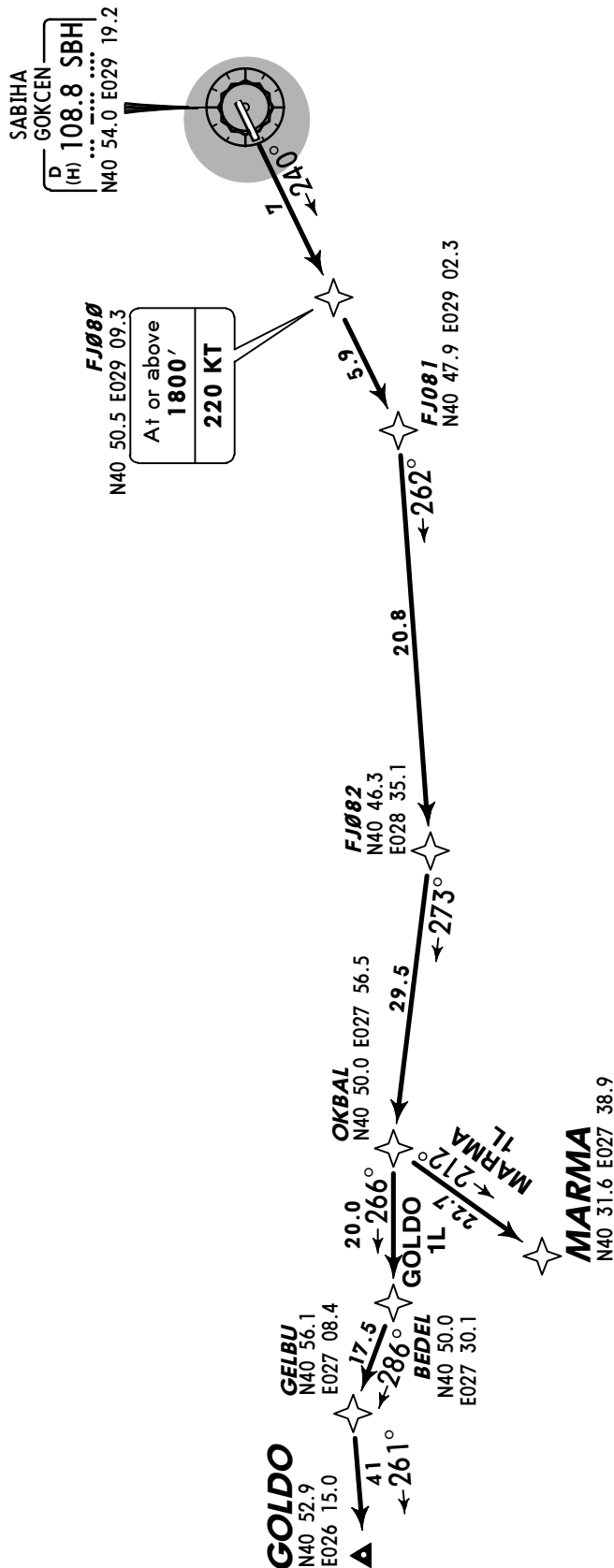
1. Contact YESILKOY Radar immediately after take-off, check ATIS for current frequency.
2. RADAR required.
3. P-RNAV approval required otherwise advise ATC.



GOLDO 1L [GOLD 1L], MARMA 1L [MARM 1L] RWY 24 RNAV DEPARTURES

RNAV (GNSS)

TO BE EXECUTED WITH LTBA RNAV STARS RWY 23
TO WEST



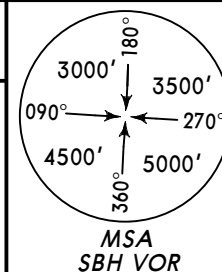
These SIDs require a minimum climb gradient of 213' per NM (3.5%) up to 2000'.

Gnd speed-KT	75	100	150	200	250	300
213' per NM	266	354	532	709	886	1063

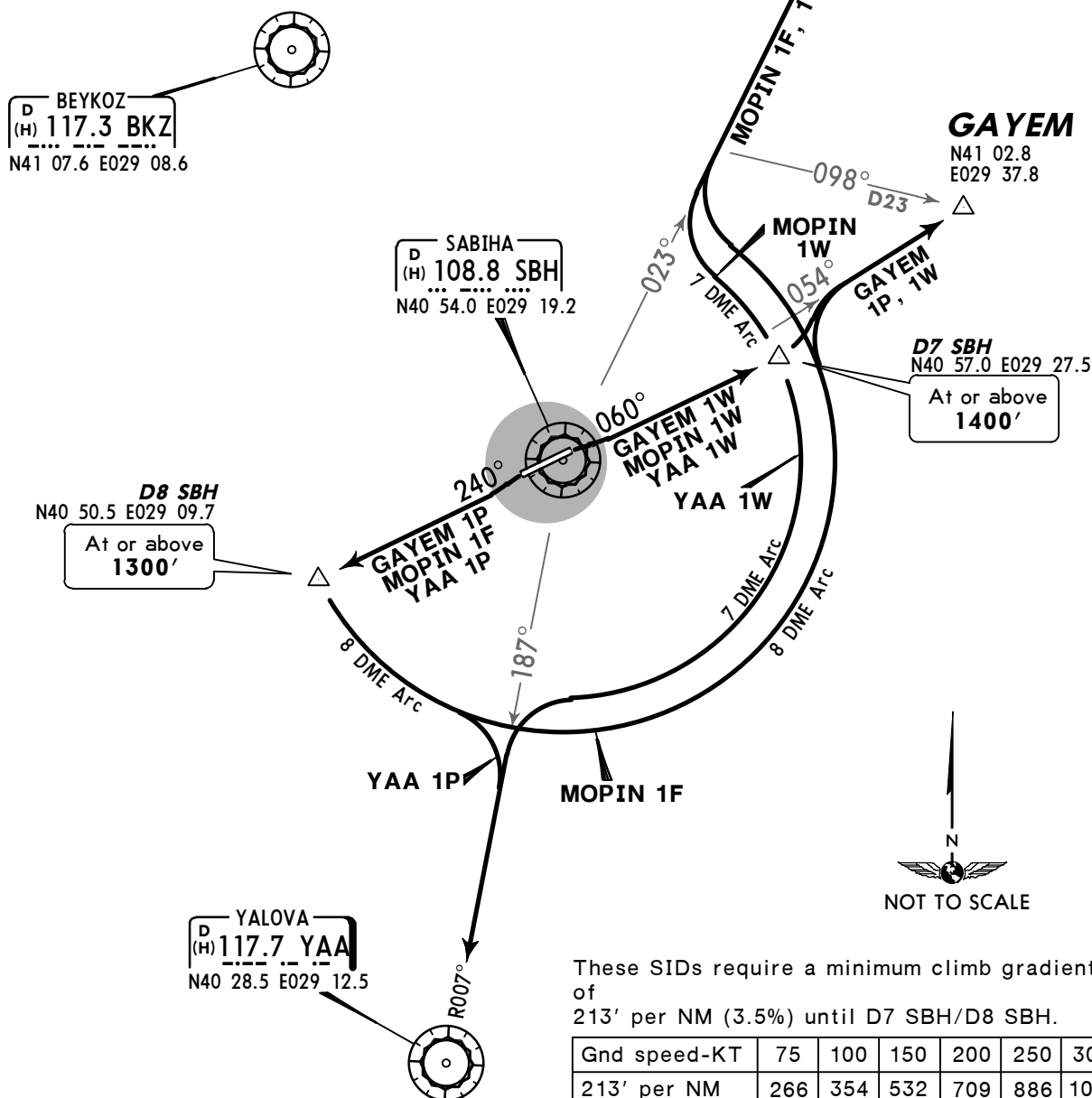
Initial climb clearance 7000'

ROUTING	
SID	ROUTING
GOLDO 1L	FJ080 (1800'+; K220) - FJ081 - FJ082 - OKBAL - BEDEL - GELBU - GOLDO.
MARMA 1L	FJ080 (1800'+; K220) - FJ081 - FJ082 - OKBAL - MARMA.



Apt Elev
312' Trans level: By ATC Trans alt: 10000'

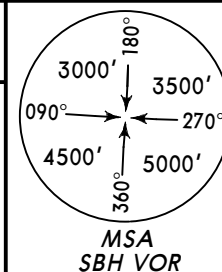
GAYEM ONE PAPA (GAYEM 1P) [GAYE1P]
GAYEM ONE WHISKEY (GAYEM 1W) [GAYE1W]
MOPIN ONE FOXTROT (MOPIN 1F) [MOPI1F]
MOPIN ONE WHISKEY (MOPIN 1W) [MOPI1W]
YALOVA ONE PAPA (YAA 1P)
YALOVA ONE WHISKEY (YAA 1W)
RWYS 24, 06 DEPARTURES



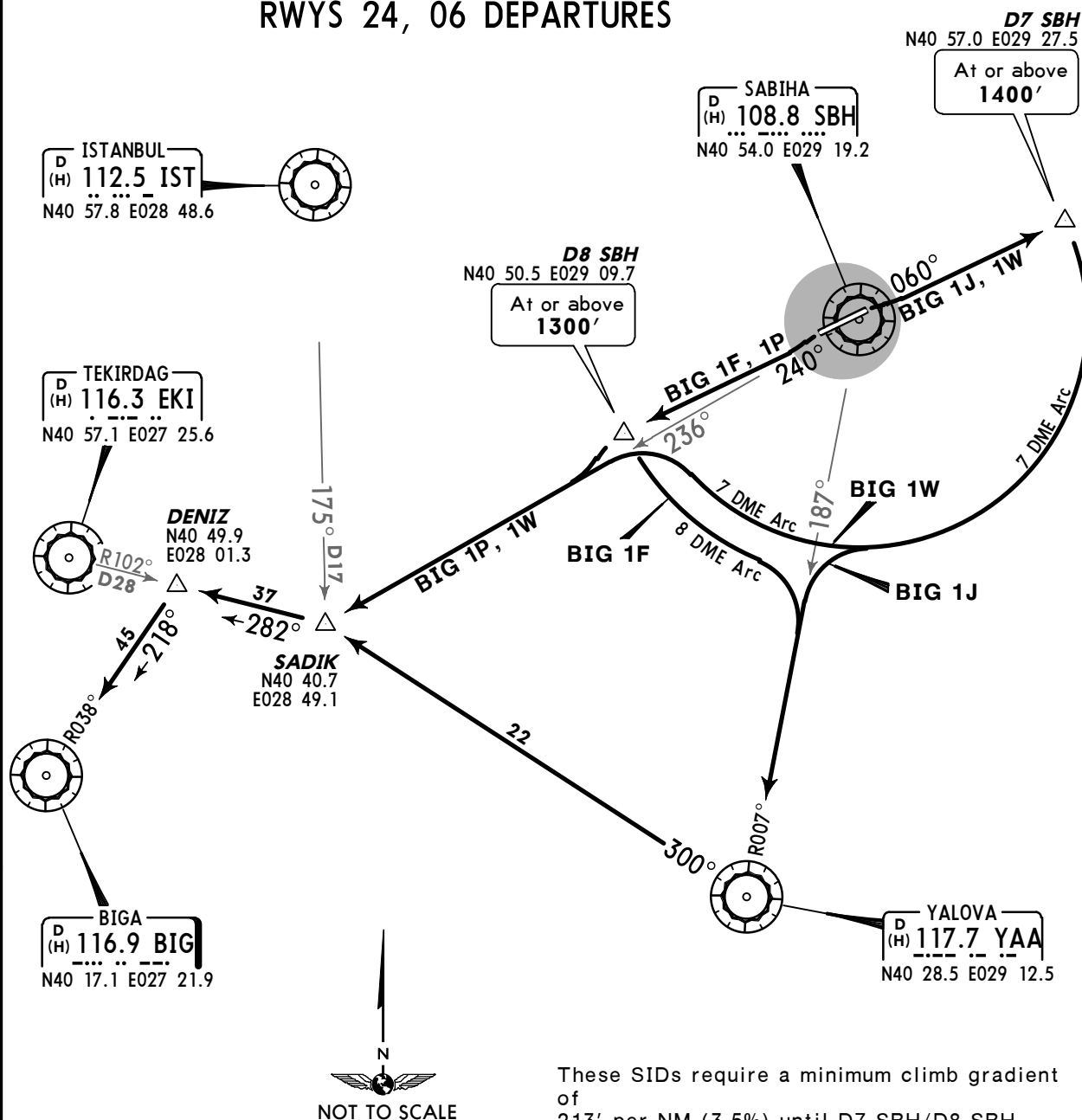
These SIDs require a minimum climb gradient of
213' per NM (3.5%) until D7 SBH/D8 SBH.

Gnd speed-KT	75	100	150	200	250	300
213' per NM	266	354	532	709	886	1063

SID	RWY	ROUTING
GAYEM 1P	24	Intercept SBH R-240 to D8 SBH, turn LEFT, along SBH 8 DME arc, intercept SBH R-054 to GAYEM.
GAYEM 1W	06	Intercept SBH R-060 to D7 SBH, turn LEFT, intercept SBH R-054 to GAYEM.
MOPIN 1F	24	Intercept SBH R-240 to D8 SBH, turn LEFT, along SBH 8 DME arc, intercept SBH R-023 to MOPIN.
MOPIN 1W	06	Intercept SBH R-060 to D7 SBH, turn LEFT, along SBH 7 DME arc, intercept SBH R-023 to MOPIN.
YAA 1P	24	Intercept SBH R-240 to D8 SBH, turn LEFT, along SBH 8 DME arc, intercept SBH R-187 to YAA.
YAA 1W	06	Intercept SBH R-060 to D7 SBH, turn RIGHT, along SBH 7 DME arc, intercept SBH R-187 to YAA.

Apt Elev
312' Trans level: By ATC Trans alt: 10000'

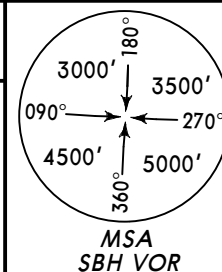
BIGA ONE FOXTROT (BIG 1F)
BIGA ONE JULIETT (BIG 1J)
BIGA ONE PAPA (BIG 1P)
BIGA ONE WHISKEY (BIG 1W)
RWYS 24, 06 DEPARTURES



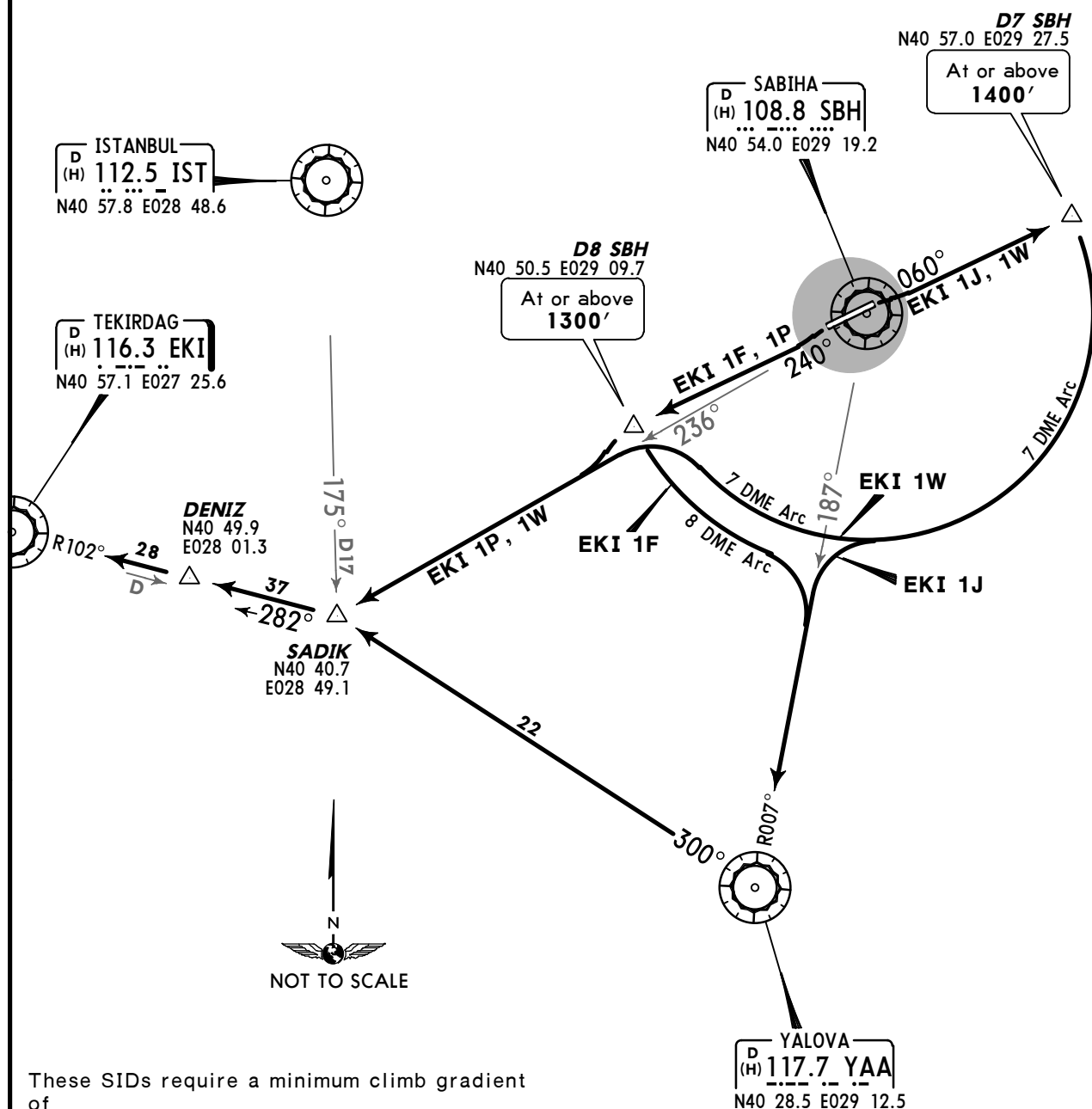
These SIDs require a minimum climb gradient of 213' per NM (3.5%) until D7 SBH/D8 SBH.

Gnd speed-KT	75	100	150	200	250	300
213' per NM	266	354	532	709	886	1063

SID	RWY	ROUTING
BIG 1F	24	Intercept SBH R-240 to D8 SBH, turn LEFT, along SBH 8 DME arc, intercept SBH R-187 to YAA, YAA R-300 to SADIK, intercept EKI R-102 inbound to DENIZ, intercept BIG R-038 inbound to BIG.
BIG 1J	06	Intercept SBH R-060 to D7 SBH, turn RIGHT, along SBH 7 DME arc, intercept SBH R-187 to YAA, YAA R-300 to SADIK, intercept EKI R-102 inbound to DENIZ, intercept BIG R-038 inbound to BIG.
BIG 1P	24	Intercept SBH R-240 to D8 SBH, intercept SBH R-236 to SADIK, turn RIGHT, intercept EKI R-102 inbound to DENIZ, turn LEFT, intercept BIG R-038 inbound to BIG.
BIG 1W	06	Intercept SBH R-060 to D7 SBH, turn RIGHT, along SBH 7 DME arc, intercept SBH R-236 to SADIK, turn RIGHT, intercept EKI R-102 inbound to DENIZ, turn LEFT, intercept BIG R-038 inbound to BIG.

Apt Elev
312' Trans level: By ATC Trans alt: 10000'

TEKIRDAG ONE FOXTROT (EKI 1F)
TEKIRDAG ONE JULIETT (EKI 1J)
TEKIRDAG ONE PAPA (EKI 1P)
TEKIRDAG ONE WHISKEY (EKI 1W)
RWYS 24, 06 DEPARTURES



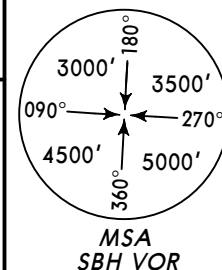
These SIDs require a minimum climb gradient of 213' per NM (3.5%) until D7 SBH/D8 SBH.

Gnd speed-KT	75	100	150	200	250	300
213' per NM	266	354	532	709	886	1063

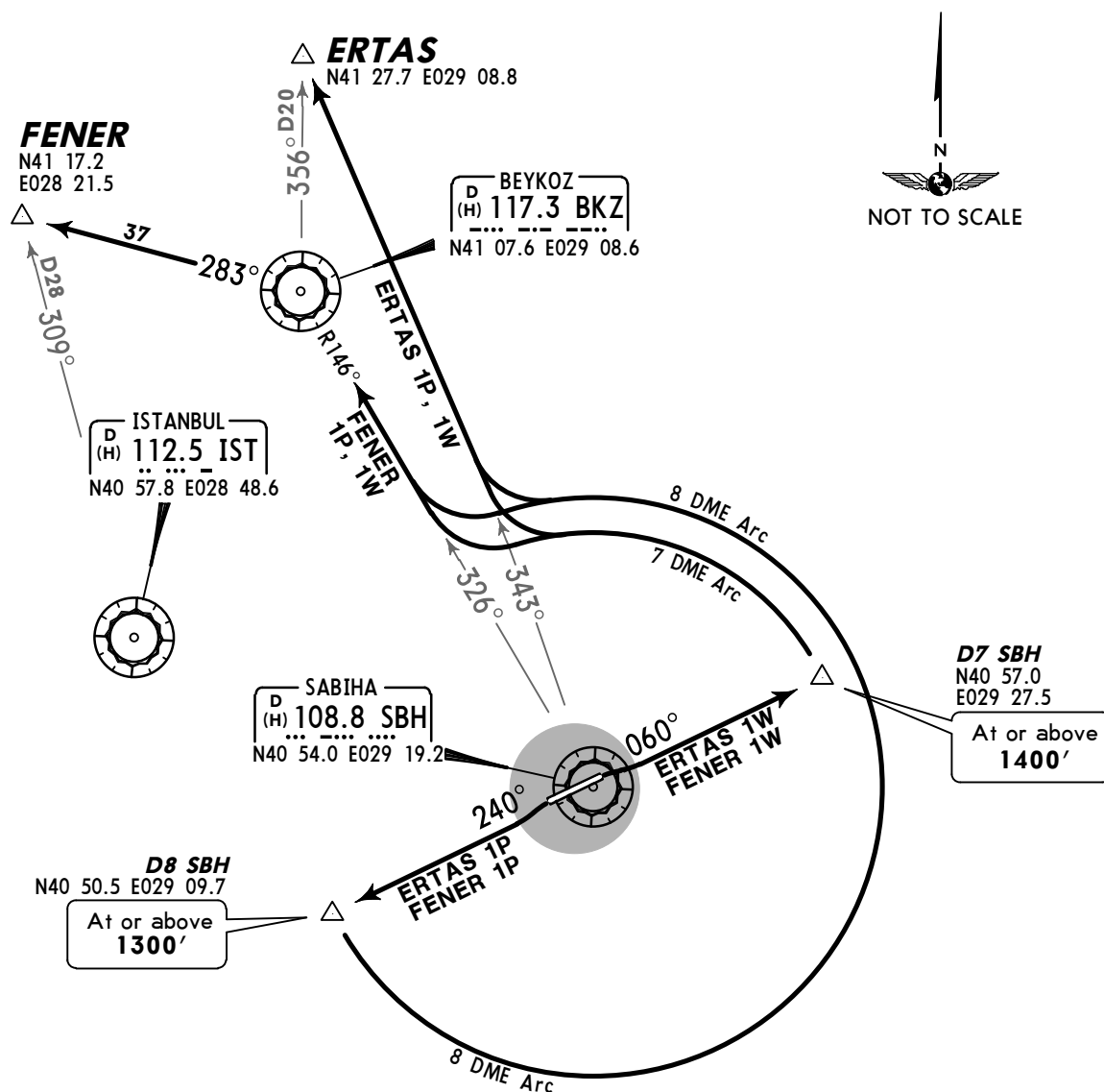
SID	RWY	ROUTING
EKI 1F	24	Intercept SBH R-240 to D8 SBH, turn LEFT, along SBH 8 DME arc, intercept SBH R-187 to YAA, YAA R-300 to SADIK, intercept EKI R-102 inbound to EKI.
EKI 1J	06	Intercept SBH R-060 to D7 SBH, turn RIGHT, along SBH 7 DME arc, intercept SBH R-187 to YAA, YAA R-300 to SADIK, intercept EKI R-102 inbound to EKI.
EKI 1P	24	Intercept SBH R-240 to D8 SBH, intercept SBH R-236 to SADIK, turn RIGHT, intercept EKI R-102 inbound to EKI.
EKI 1W	06	Intercept SBH R-060 to D7 SBH, turn RIGHT, along SBH 7 DME arc, intercept SBH R-236 to SADIK, turn RIGHT, intercept EKI R-102 inbound to EKI.

Apt Elev
312'

Trans level: By ATC Trans alt: 10000'



ERTAS ONE PAPA (ERTAS 1P) [ERTA1P]
ERTAS ONE WHISKEY (ERTAS 1W) [ERTA1W]
FENER ONE PAPA (FENER 1P) [FENE1P]
FENER ONE WHISKEY (FENER 1W) [FENE1W]
RWYS 24, 06 DEPARTURES



These SIDs require a minimum climb gradient of 213' per NM (3.5%) until D7 SBH/D8 SBH.

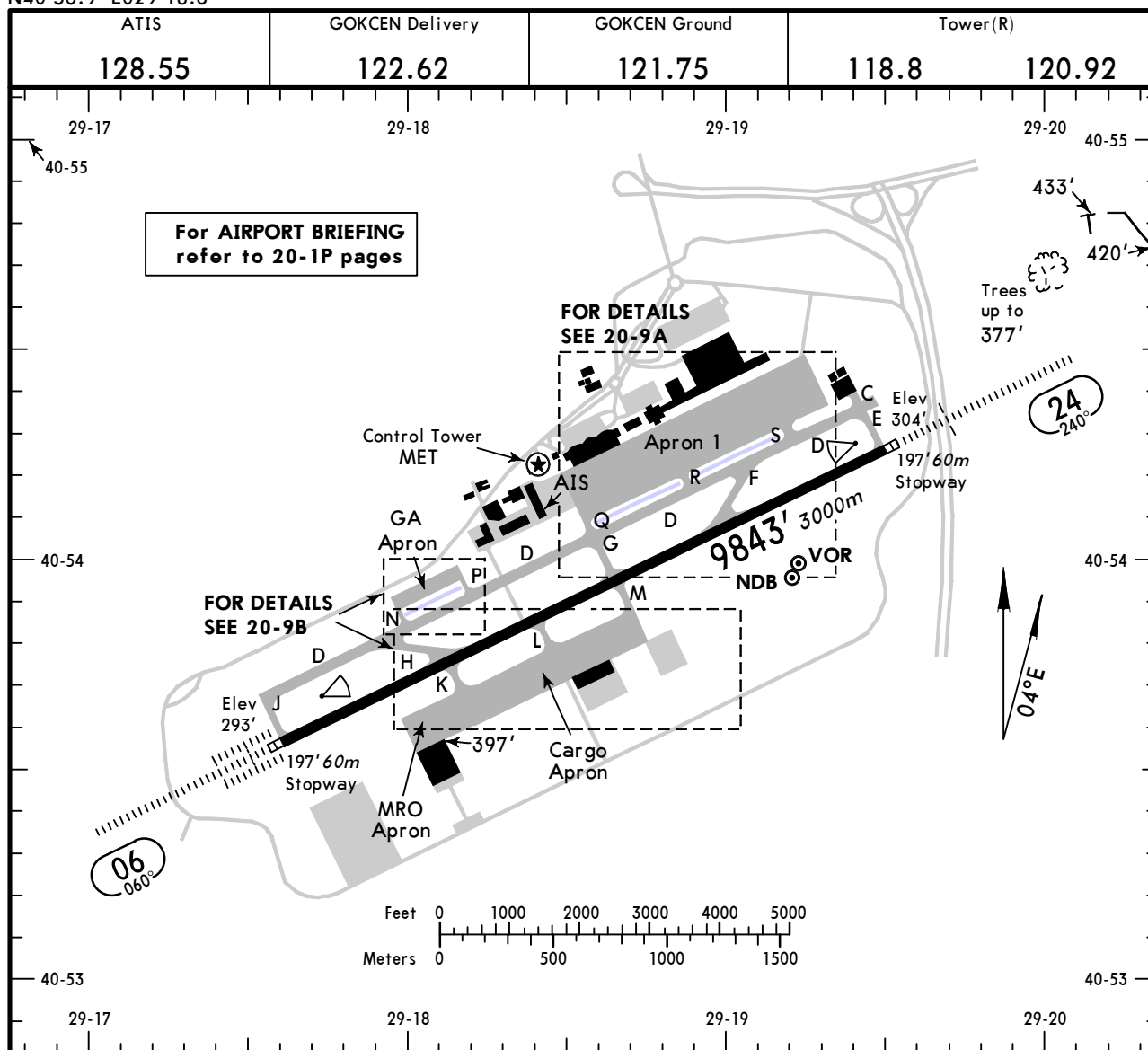
Gnd speed-KT	75	100	150	200	250	300
213' per NM	266	354	532	709	886	1063

SID	RWY	ROUTING
ERTAS 1P	24	Intercept SBH R-240 to D8 SBH, turn LEFT, along SBH 8 DME arc, intercept SBH R-343 to ERTAS.
ERTAS 1W	06	Intercept SBH R-060 to D7 SBH, turn LEFT, along SBH 7 DME arc, intercept SBH R-343 to ERTAS.
FENER 1P	24	Intercept SBH R-240 to D8 SBH, turn LEFT, along SBH 8 DME arc, intercept SBH R-326 to BKZ, BKZ R-283 to FENER.
FENER 1W	06	Intercept SBH R-060 to D7 SBH, turn LEFT, along SBH 7 DME arc, intercept SBH R-326 to BKZ, BKZ R-283 to FENER.

LTFJ/SAW
 Apt Elev **312'**
 N40 53.9 E029 18.6

JEPPesen
 12 OCT 12 **(20-9)**

ISTANBUL, TURKEY
SABIHA GOKCEN



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		Threshold	Landing Beyond Glide Slope		
06	HIRL (60m) CL (15m) HIALS-II TDZ REIL SFL ① RVR		8932' 2722m		148'
24	HIRL (60m) CL (15m) HIALS REIL ① RVR		8871' 2704m		45m

① PAPI(angle 3.5°)

Standard

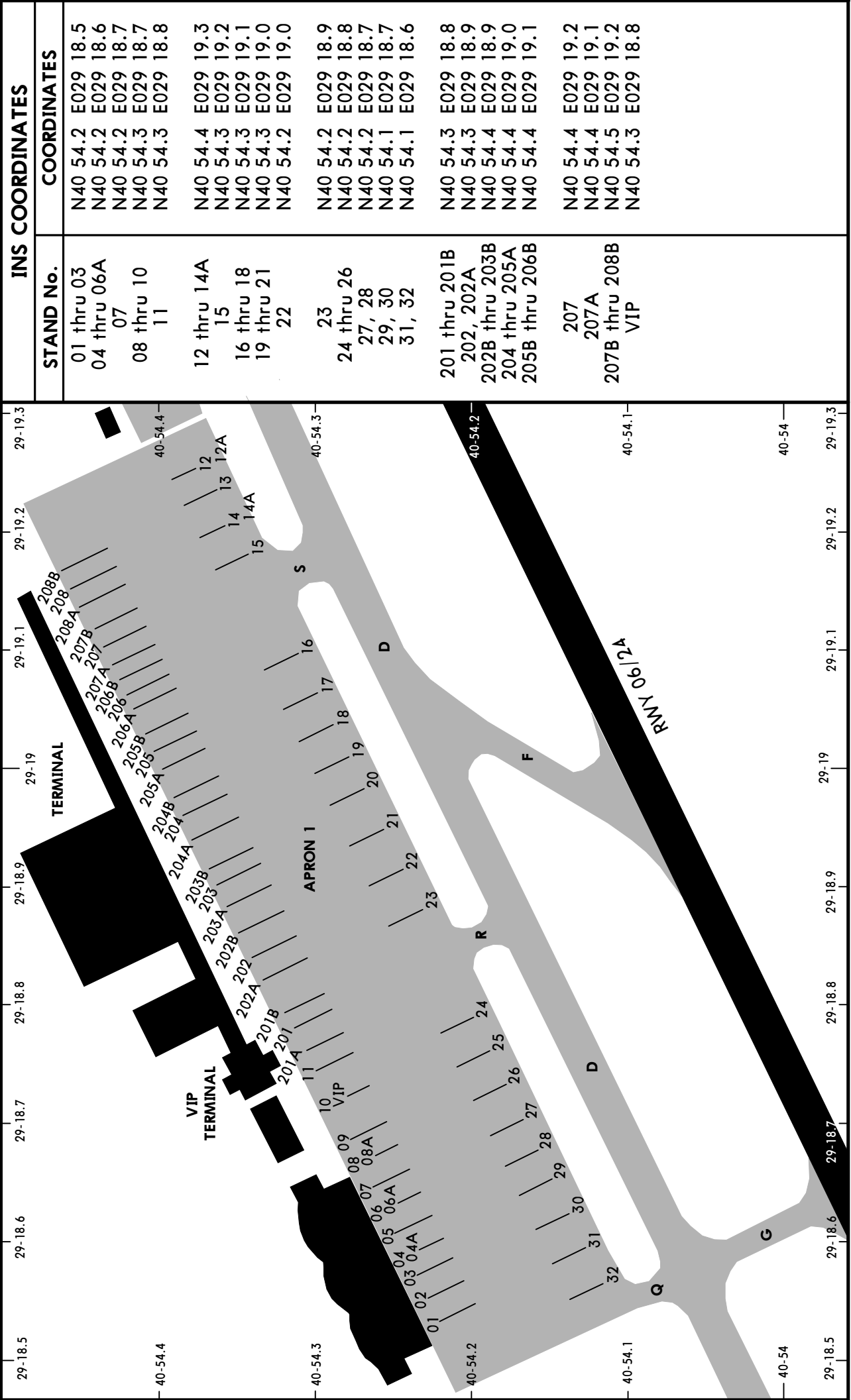
TAKE-OFF ①

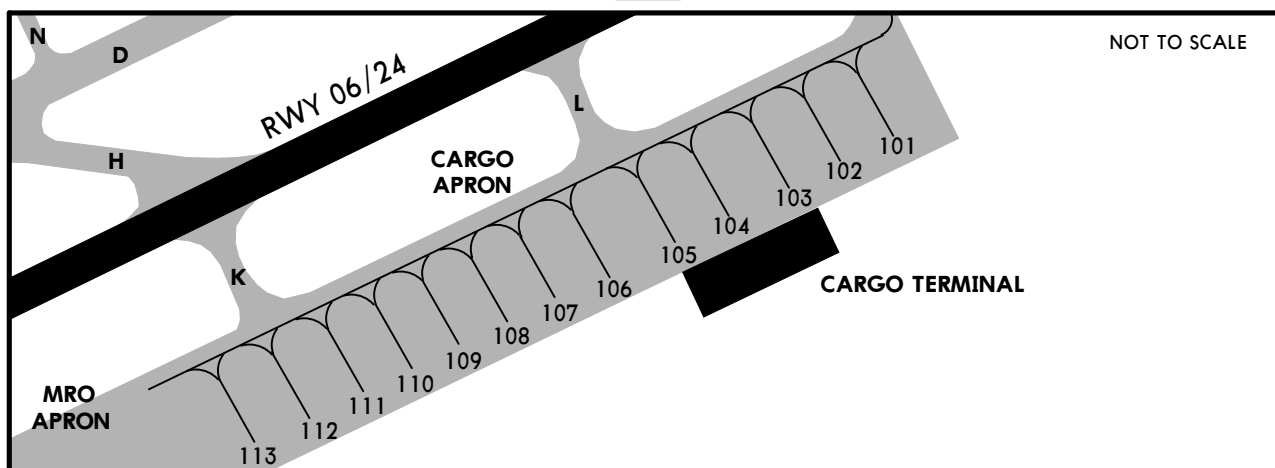
	LVP must be in force				RCLM (DAY only) or RL	NIL (DAY only)
	Approved Operators HIRL, CL & mult. RVR req	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL		
A					400m	500m
B	125m	150m	200m	250m		
C						
D	150m	200m	250m	300m		

① Operators applying U.S. Ops Specs: CL required below 300m; approved HUD required below 150m.

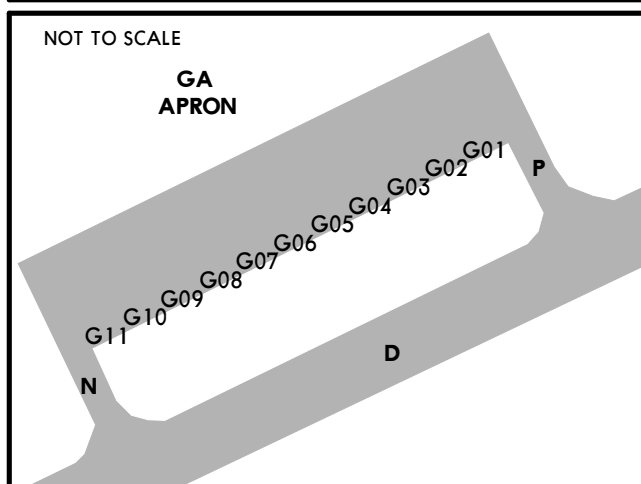
CHANGES: GA Apron. Usable length.

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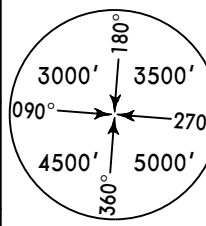
**INS COORDINATES**

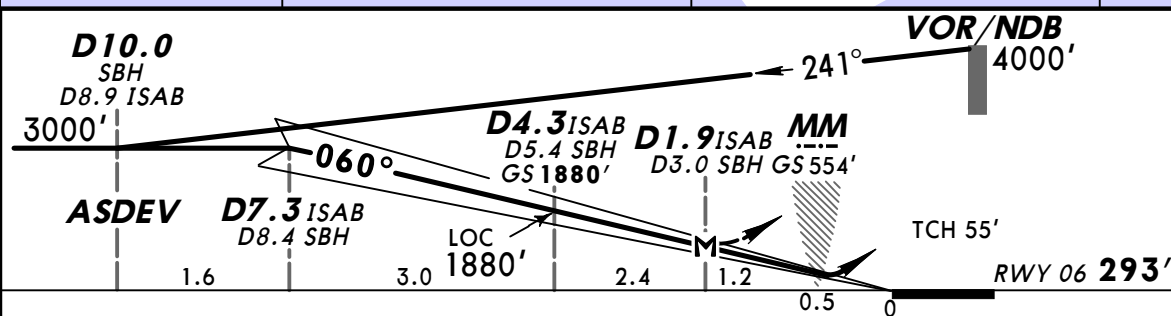
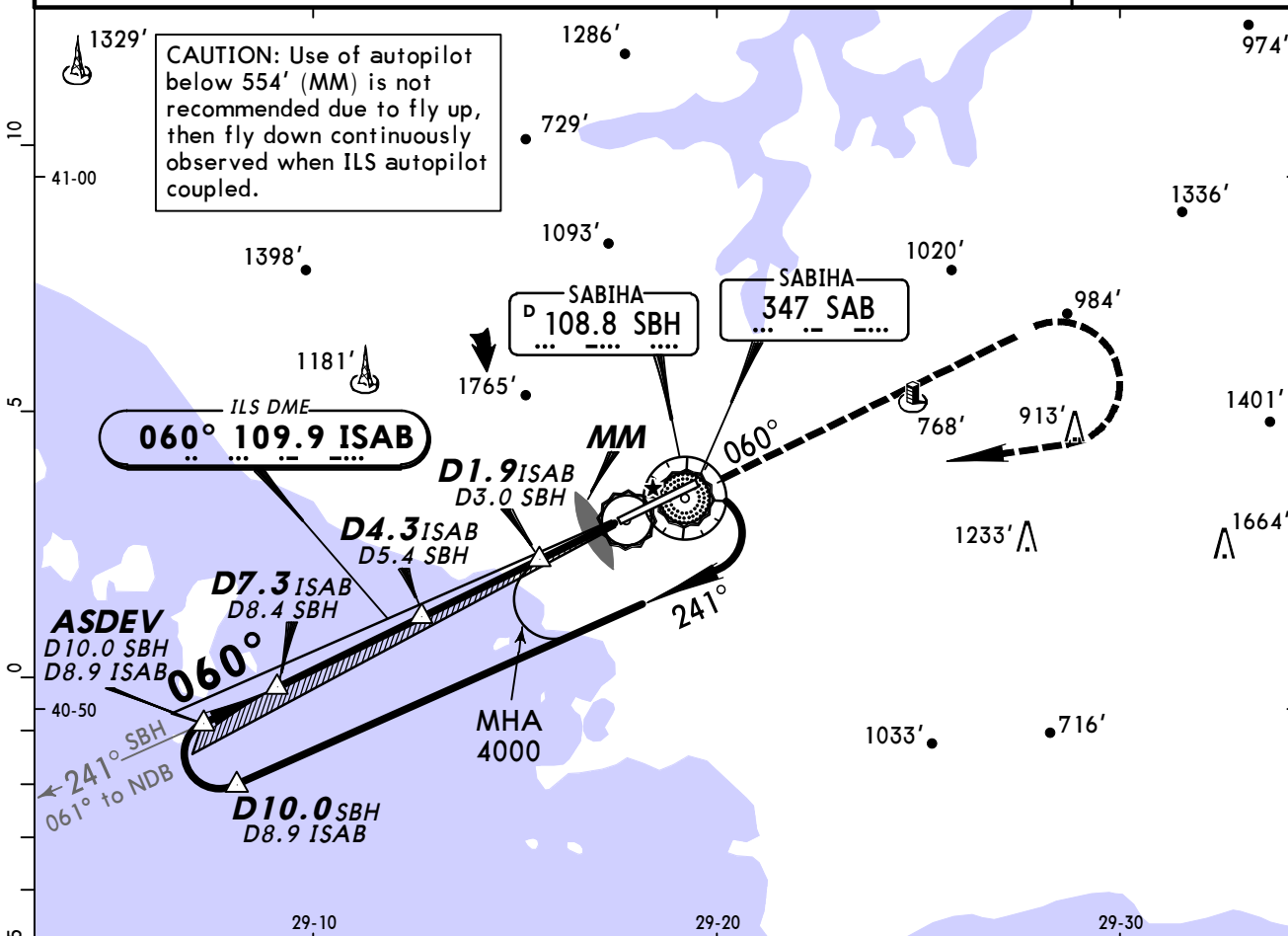
STAND No.	COORDINATES
101, 102	N40 53.9 E029 18.7
103	N40 53.9 E029 18.6
104	N40 53.8 E029 18.6
105, 106	N40 53.8 E029 18.5
107 thru 109	N40 53.8 E029 18.4
110, 111	N40 53.8 E029 18.3
112, 113	N40 53.7 E029 18.2

**INS COORDINATES**

STAND No.	COORDINATES
G01 thru G06	N40 53.9 E029 18.1
G07 thru G11	N40 53.9 E029 18.0

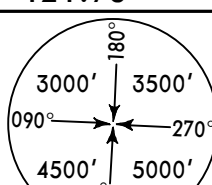
BRIEFING STRIP

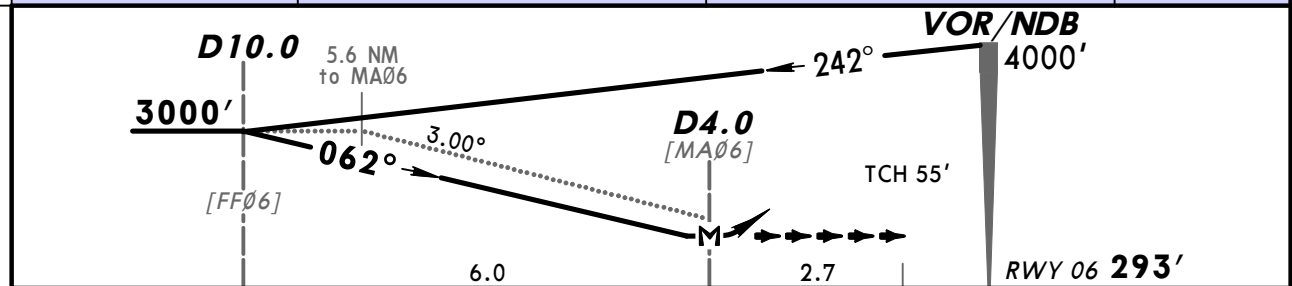
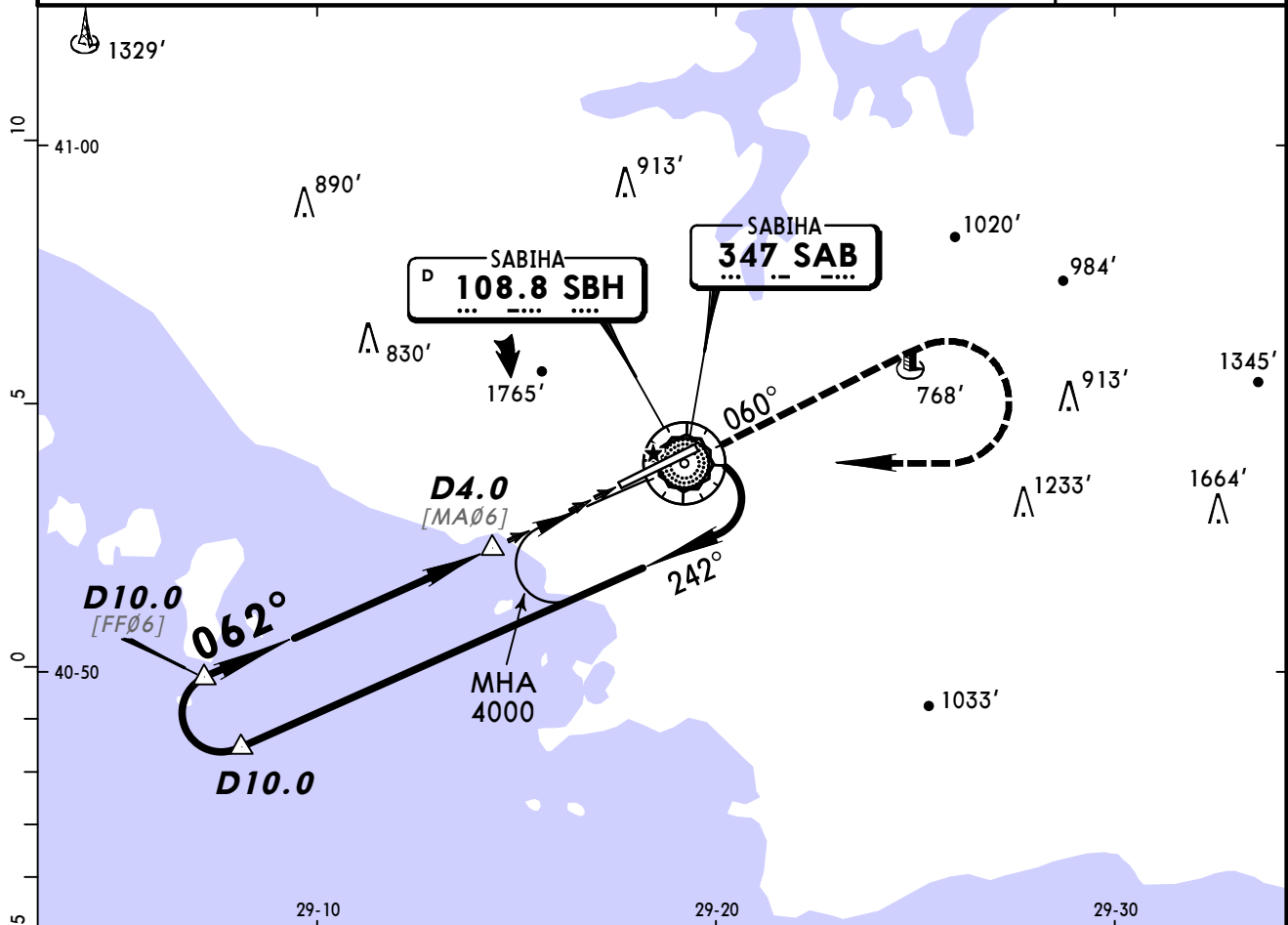
ATIS 128.55	YESILKOY North 120.5	Approach South 121.1	GOKCEN Tower 118.8 120.92 122.1			Ground 121.75
LOC ISAB 109.9	Final Apch Crs 060°	GS DA.3 ISAB 1880' (1587')	ILS DA(H) 506' (213')	Apt Elev 312' RWY 293'		 MSA SBH VOR
MISSED APCH: Proceed to VOR/NDB, then climb on R-060 SBH (060° from NDB) to 2300', then turn RIGHT climbing to 4000' to VOR/NDB and hold.						
Alt Set: hPa		Rwy Elev: 11 hPa	Trans level: By ATC		Trans alt: 10000'	
Racetrack restricted to MAX 185 KT.						



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II REIL PAPI PAPI Refer to Missed Apch above	
ILS GS or LOC Descent Angle 3.50°	439	564	627	752	877	1003		
MAP at D1.9 ISAB/ D3.0 SBH								

Standard			STRAIGHT-IN LANDING RWY 06				CIRCLE-TO-LAND		
ILS			LOC (GS out)				Not authorized North of airport		
DA(H) 506' (213')			MDA(H) 980' (687')						
FULL		Limited	ALS out			ALS out	Max Kts 100 135 180 205	MDA(H) _____ VTS _____	
A	RVR 550m	RVR 750m	RVR 1200m	RVR 1500m		1200' (888') 3400m			
B									
C				CMV 2400m		1300' (988') 4600m			
D									

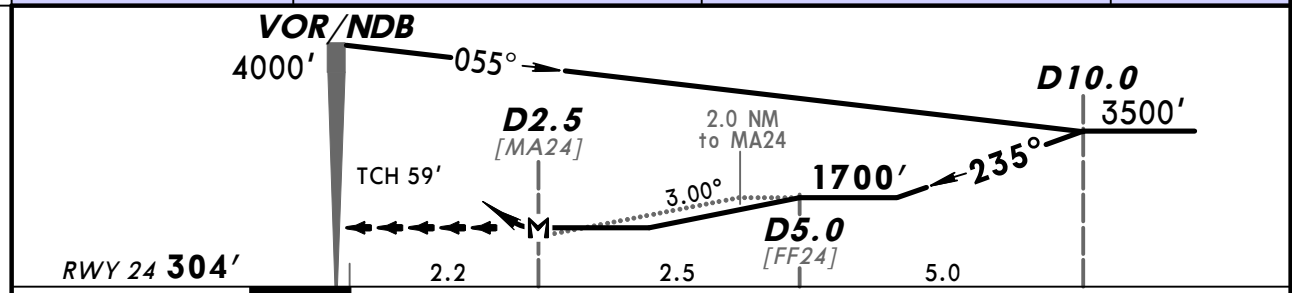
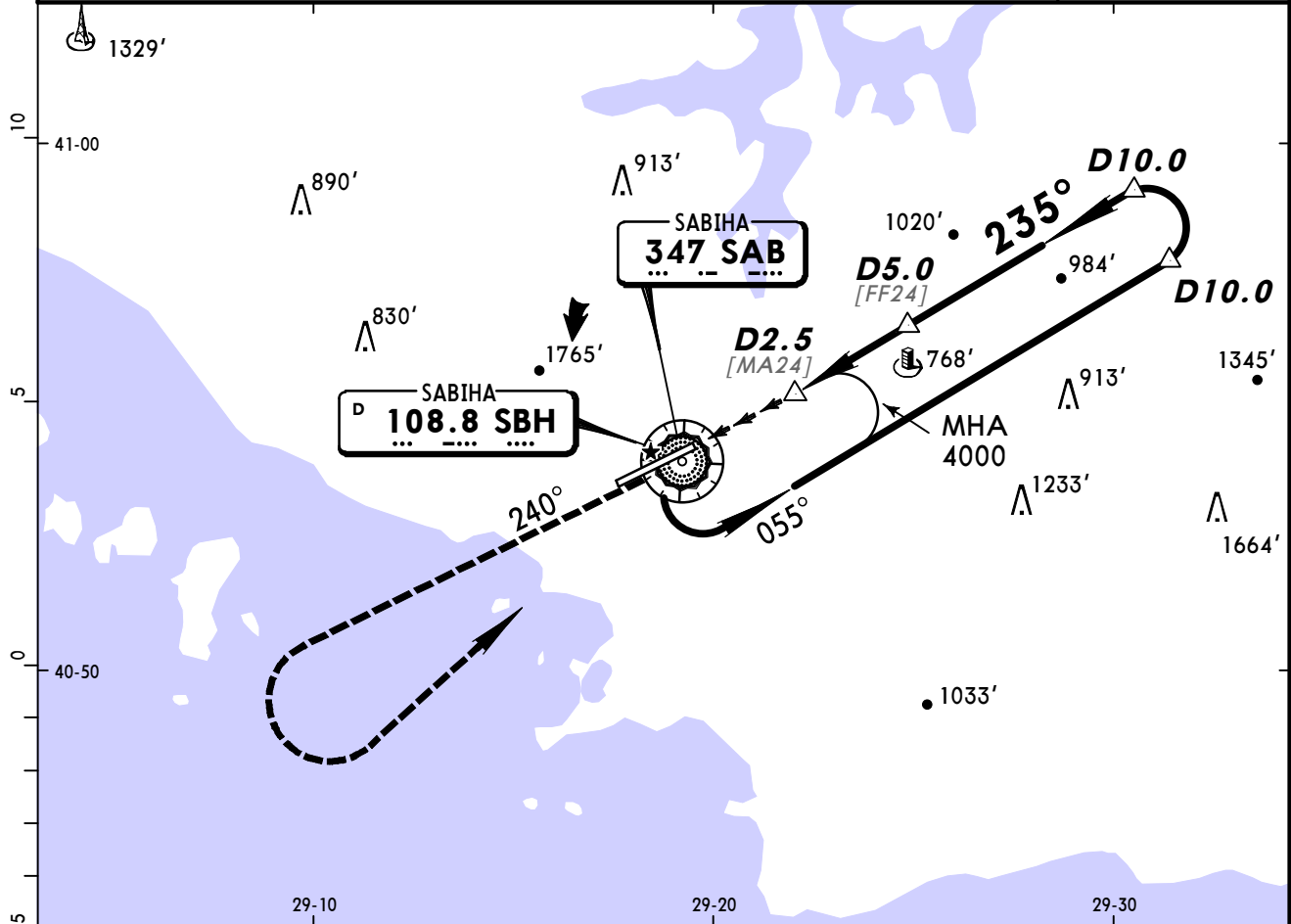
ATIS 128.55		YESILKOY Approach North 120.5		South 121.1		GOKCEN Tower 118.8 120.92 122.1		Ground 121.75	
VOR SBH 108.8	NDB SAB 347	Final Apch Crs 062°	Minimum Alt D10.0 3000' (2707')		MDA(H) 1000' (707')		Apt Elev 312' RWY 293'		
MISSED APCH: Proceed to VOR/NDB, then climb on 060° to 2800', then turn RIGHT climbing to 4000' to VOR/NDB and hold.									
Alt Set: hPa		Rwy Elev: 11 hPa		Trans level: By ATC		Trans alt: 10000'			
Racetrack restricted to MAX 185 KT.									



Gnd speed-Kts	70	90	100	120	140	160	HIALS-II REIL PAPI PAPI		SBH 108.8 or SAB 347	
Descent angle	3.00°	372	478	531	637	743				
MAP at D4.0										

Standard STRAIGHT-IN LANDING RWY 06					CIRCLE-TO-LAND				
MDA(H) 1000' (707')					Not authorized North of airport				
ALS out					Max Kts	MDA(H)		VIS	
A	2100m		2800m		100	1200' (888')		3400m	
B					135				
C	2800m		3500m		180	1300' (988')		4600m	
D					205				

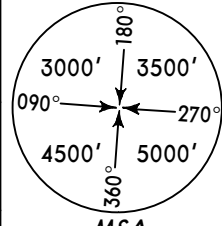
ATIS 128.55		YESILKOY Approach North 120.5		South 121.1	GOKCEN Tower 118.8 120.92 122.1		Ground 121.75
VOR SBH 108.8	NDB SAB 347	Final Apch Crs 235°	Minimum Alt D5.0 1700' (1396')		MDA(H) 1100' (796')	Apt Elev 312' RWY 304'	 MSA SBH VOR/SAB NDB
MISSED APCH: Proceed to VOR/NDB, then climb on 240° to 2700', then turn LEFT climbing to 4000' to VOR/NDB and hold.							
Alt Set: hPa		Rwy Elev: 11 hPa		Trans level: By ATC		Trans alt: 10000'	
Racetrack restricted to MAX 185 KT.							

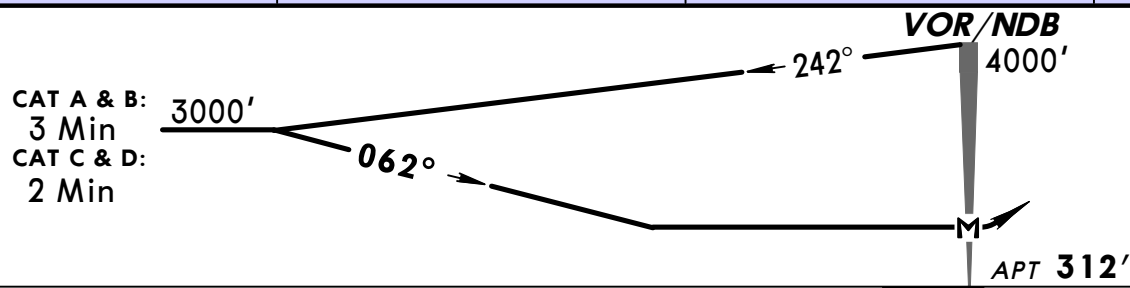
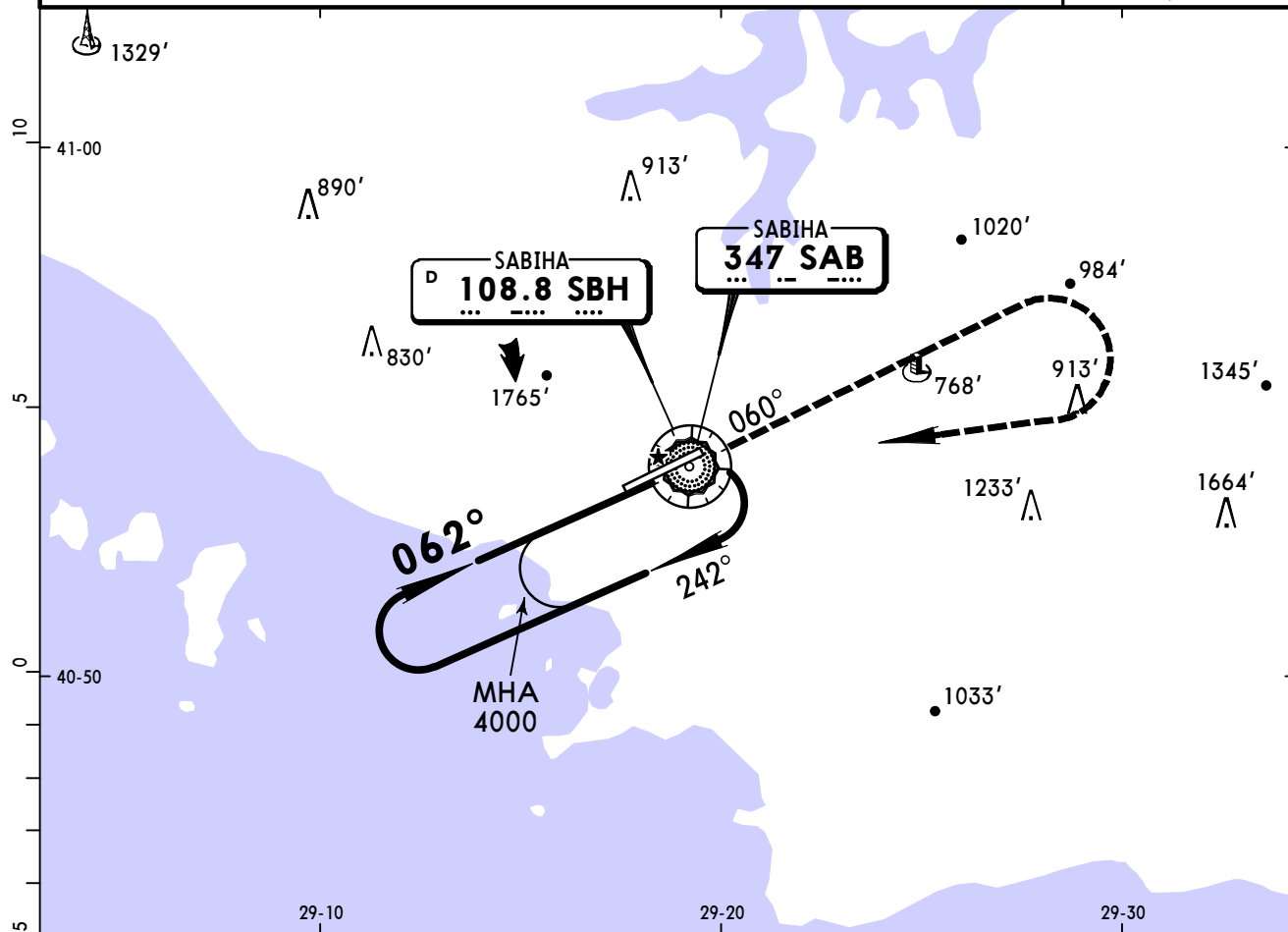


Gnd speed-Kts	70	90	100	120	140	160	HIALS	
Descent angle	3.00°	372	478	531	637	743	849	REIL PAPI
MAP at D2.5								PAPI
								SBH 108.8 or SAB 347

Standard				STRAIGHT-IN LANDING RWY 24		CIRCLE-TO-LAND	
				MDA(H) 1100' (796')		Not authorized North of airport	
				ALS out		Max Kts	
A	2900m		3600m			100	
B						135	1200' (888') 3600m
C	3200m		3900m			180	
D						205	1300' (988') 4600m

BRIEFING STRIP™

ATIS 128.55		YESILKOY North 120.5		Approach South 121.1		GOKCEN Tower 118.8 120.92 122.1			Ground 121.75			
VOR SBH 108.8		NDB SAB 347		Final Apch Crs 062°		Minimum Alt No FAF		MDA(H) Refer to Minimums		Apt Elev 312'		
MISSED APCH: Climb on 060° to 2600', then turn RIGHT climbing to 4000' to VOR/NDB and hold.												
Alt Set: hPa		Apt Elev: 11 hPa				Trans level: By ATC			Trans alt: 10000'			
Race-track restricted to MAX 185 KT.											MSA SBH VOR/SAB NDB	

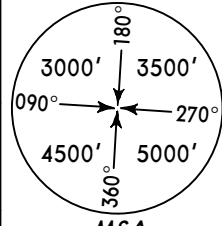


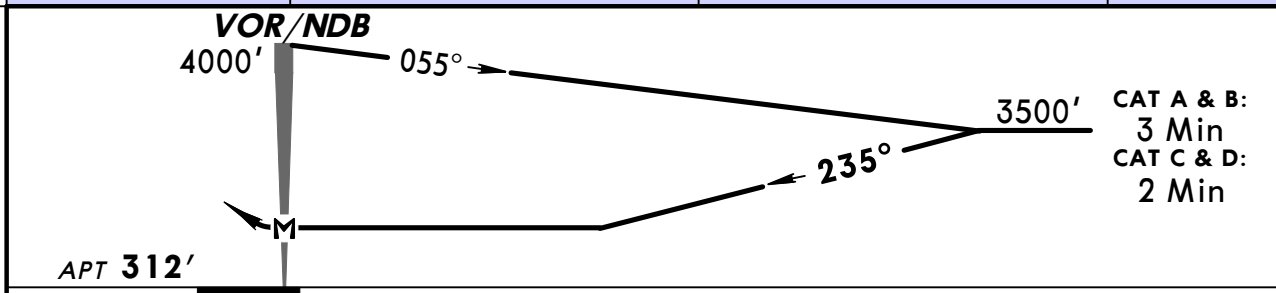
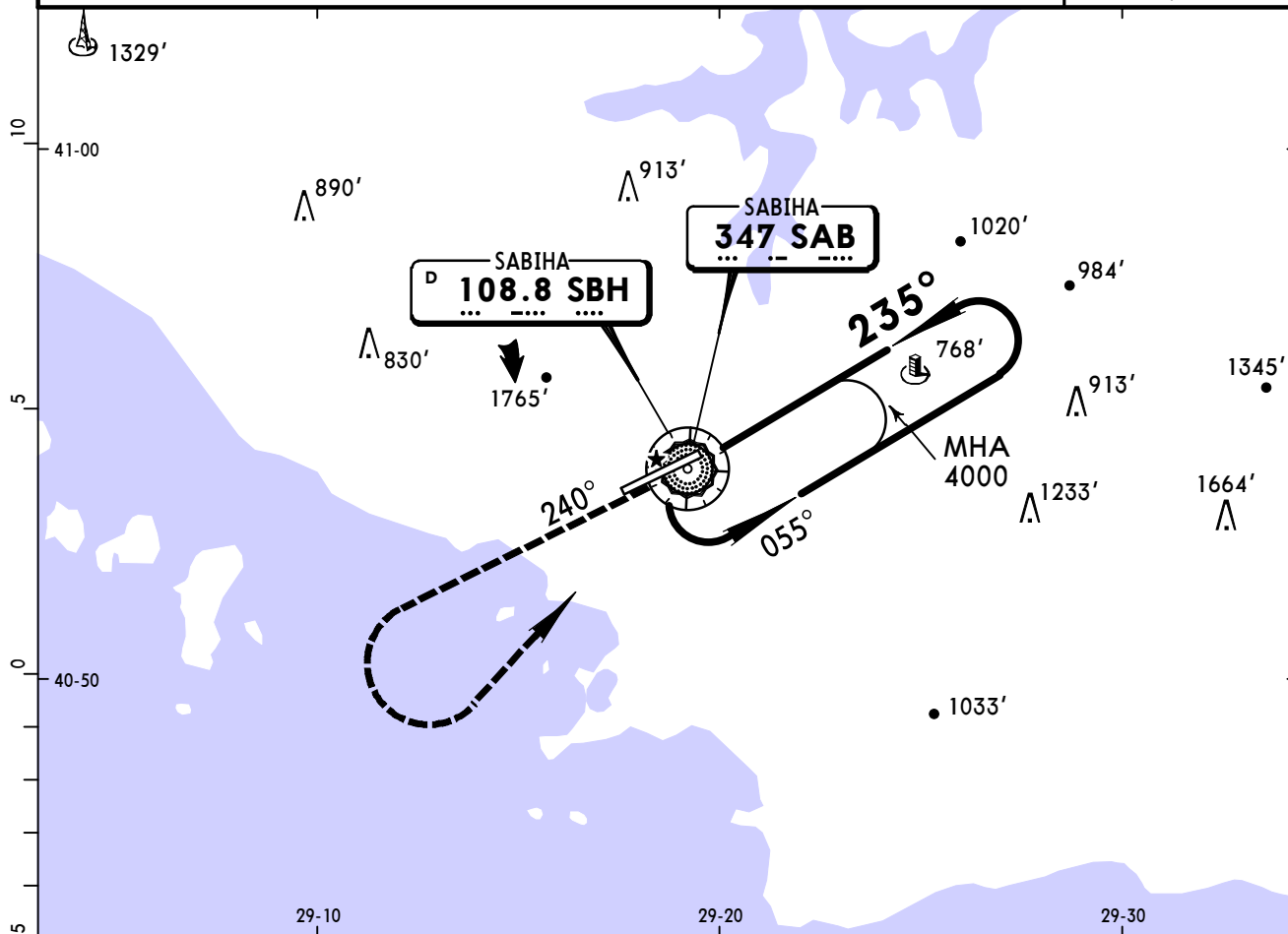
						Lighting - Refer to Airport Chart	2600' ↑ on 060°
MAP at VOR/NDB							

Standard		STRAIGHT-IN LANDING	CIRCLE-TO-LAND	
			Not authorized North of airport	
			Max Kts	MDA(H) VIS
A	NOT AUTHORIZED		100	1200' (888') 3400m
B		135		
C		180	1300' (988') 4600m	
D		205		

PANS OPS 3

BRIEFING STRIP™

ATIS 128.55		YESILKOY Approach North 120.5		South 121.1		GOKCEN Tower 118.8 120.92 122.1			Ground 121.75	
VOR SBH 108.8	NDB SAB 347	Final Apch Crs 235°	Minimum Alt No FAF		MDA(H) 1500' (1188')		Apt Elev 312'			
MISSED APCH: Climb on 240° to 2700', then turn LEFT climbing to 4000' to VOR/NDB and hold.										
Alt Set: hPa		Apt Elev: 11 hPa		Trans level: By ATC		Trans alt: 10000'				
Race-track restricted to MAX 185 KT.								MSA SBH VOR/SAB NDB		



MAP at VOR/NDB						Lighting - Refer to Airport Chart	2700' on 240°
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STRAIGHT-IN LANDING			CIRCLE-TO-LAND		
Standard			Not authorized North of airport		
A	NOT AUTHORIZED		Max Kts	MDA(H)	VIS
B			100	1500' (1188')	4600m
C			135		
D			180	1500' (1188')	5000m

ISTANBUL, (SABIHA GOKCEN - LTFJ)

TERMINAL CHART CHANGE NOTICES

No Chart Change Notices for Airport LTFJ