REPUBLIC OF NORTH MACEDONIA

CIVIL AVIATION AGENCY

AERONAUTICAL INFORMATION SERVICE

Bosfor 7, Mralino 1041 Ilinden

АГЕНЦИЈА ЗА ЦИВИЛНО ВОЗДУХОПЛОВСТВО

СЛУЖБА ЗА ВОЗДУХОПЛОВНИ ИНФОРМАЦИИ

Босфор 7, Мралино 1041 Илинден

РЕПУБЛИКА СЕВЕРНА МАКЕДОНИЈА

Phone: (389) 2 314 81 59, 314 81 63
Telefax: (389) 2 311 20 26
AFTN: LWSKYOYX

AMD AIP 91

15 APR 2019

Insert following pages or charts Вметни ги следниве страници или карти		**Destroy following pages or charts: Уништи ги следниве страници или карти:**	
GEN		**GEN**	
• 0.4-1/2	15 APR 2019	• 0.4-1/2	15 MAR 2019
• 0.4-3/4	15 APR 2019 /15 MAR 2019	• 0.4-3/4	15 MAR 2019
• 1.6-7/8	15 MAR 2019/15 APR 2019	• 1.6-7/8	15 MAR 2019
• 3.2-1/2	15 APR 2019	• 3.2-1/2	15 MAR 2019
• 3.2-3/4	15 APR 2019	• 3.2-3/4	15 MAR 2019
ENR		**ENR**	
• 6.1-1/2	15 APR 2019	• 6.1-1/2	01 FEB 2019/25 MAY 2017
• 6.1-3/4	15 APR 2019	• 6.1-3/4	01 FEB 2019/23 JUN 2016
• 6.2-1/2	15 APR 2019		
AD		**AD**	
• LWOH 1/2	15 APR 2019/15 MAR 2019	• LWOH 1/2	15 MAR 2019
• LWOH AD 2.24-3/2.24-4	15 APR 2019	• LWOH AD 2.24-3/2.24-4	01 JUL2016/26 MAY 2016
• LWOH AD 2.24-5/2.24-6	15 APR 2019	• LWOH AD 2.24-5/2.24-6	26 MAY 2016
• LWOH AD 2.24-7/2.24-8	15 APR 2019	• LWOH AD 2.24-7/2.24-8	01 FEB 2019/26 MAY 2016
• LWOH AD 2.24-9/2.24-10	15 APR 2019	• LWOH AD 2.24-9/2.24-10	01 FEB 2019/26 MAY 2016
• LWOH AD 2.24-11/2.24-12	15 APR 2019	• LWOH AD 2.24-11/2.24-12	01 FEB 2019/26 MAY 2016
• LWOH AD 2.24-13/2.24-14	15 APR 2019	• LWOH AD 2.24-13/2.24-14	01 FEB 2019/26 MAY 2016
• LWOH AD 2.24-15/2.24-16	15 APR 2019	• LWOH AD 2.24-15/2.24-16	01 FEB 2019/26 MAY 2016
• LWOH AD 2.24-17/2.24-18	15 APR 2019	• LWOH AD 2.24-17/2.24-18	01 FEB 2019/26 MAY 2016
• LWOH AD 2.24-19/2.24-20	15 APR 2019	• LWOH AD 2.24-19/2.24-20	01 FEB 2019/26 MAY 2016
• LWOH AD 2.24-21/2.24-22	15 APR 2019	• LWOH AD 2.24-21/2.24-22	01 FEB 2019/26 MAY 2016
• LWOH AD 2.24-23/2.24-24	15 APR 2019	• LWOH AD 2.24-23/2.24-24	01 FEB 2019/26 MAY 2016
• LWSK 1/2	15 APR 2019/15 MAR 2019	• LWSK 1/2	15 MAR 2019
• LWSK AD 2.24-3/2.24-4	15 APR 2019	• LWSK AD 2.24-3/2.24-4	15 NOV 2018/26 MAY 2016
• LWSK AD 2.24-5/2.24-6	15 APR 2019	• LWSK AD 2.24-5/2.24-6	15 NOV 2018/26 MAY 2016
• LWSK AD 2.24-7/2.24-8	15 APR 2019	• LWSK AD 2.24-7/2.24-8	15 NOV 2018/26 MAY 2016
• LWSK AD 2.24-9/2.24-10	15 APR 2019	• LWSK AD 2.24-9/2.24-10	15 NOV 2018/26 MAY 2016
• LWSK AD 2.24-11/2.24-12	15 APR 2019	• LWSK AD 2.24-11/2.24-12	15 NOV 2018/26 MAY 2016
• LWSK AD 2.24-13/2.24-14	15 APR 2019	• LWSK AD 2.24-13/2.24-14	15 NOV 2018/26 MAY 2016
• LWSK AD 2.24-15/2.24-16	15 APR 2019	• LWSK AD 2.24-15/2.24-16	15 NOV 2018/26 MAY 2016
• LWSK AD 2.24-17/2.24-18	15 APR 2019	• LWSK AD 2.24-17/2.24-18	15 NOV 2018/26 MAY 2016
• LWSK AD 2.24-19/2.24-20	15 APR 2019	• LWSK AD 2.24-19/2.24-20	15 NOV 2018/26 MAY 2016
• LWSK AD 2.24-25/2.24-26	15 APR 2019	• LWSK AD 2.24-25/2.24-26	15 NOV 2018/26 MAY 2016

The following NOTAM Series A are incorporated in AIP/Следните NOTAM-и серија А се вклучени во AIP: NIL

GEN 0.4 Checklist of AIP Pages
GEN 0.4 Контролна листа на АИП страни

Page	Date
GEN	
GEN 0.1 - 1	15 MAR 2019
GEN 0.1 - 2	15 MAR 2019
GEN 0.2 - 1	01 FEB 2019
GEN 0.2 - 2	01 FEB 2019
GEN 0.2 - 3	01 FEB 2019
GEN 0.2 - 4	01 FEB 2019
GEN 0.3 - 1	15 MAR 2019
GEN 0.3 - 2	15 MAR 2019
☞ GEN 0.4 - 1	15 APR 2019
☞ GEN 0.4 - 2	15 APR 2019
☞ GEN 0.4 - 3	15 APR 2019
☞ GEN 0.4 - 4	15 APR 2019
GEN 0.5 - 1	01 FEB 2019
GEN 0.5 - 2	14 SEP 1995
GEN 0.6 - 1	01 MAR 2001
GEN 0.6 - 2	01 OCT 1996
GEN 0.6 - 3	15 JUN 2001
GEN 0.6 - 4	01 DEC 1995
GEN 0.7 - 1	01 MAR 2001
GEN 0.7 - 2	01 MAR 2001
GEN 0.7 - 3	15 JUN 2001
GEN 0.7 - 4	14 SEP 1995
GEN 1	
GEN 1.1 - 1	15 MAR 2019
GEN 1.1 - 2	15 MAR 2019
GEN 1.1 - 3	15 MAR 2019
GEN 1.1 - 4	15 MAR 2019
GEN 1.2 - 1	15 MAR 2019
GEN 1.2 - 2	15 MAR 2019
GEN 1.2 - 3	15 MAR 2019
GEN 1.2 - 4	15 MAR 2019
GEN 1.2 - 5	15 MAR 2019
GEN 1.2 - 6	15 MAR 2019
GEN 1.2 - 7	15 MAR 2019
GEN 1.2 - 8	15 MAR 2019
GEN 1.2 - 9	15 MAR 2019
GEN 1.2 - 10	15 MAR 2019
GEN 1.2 - 11	15 MAR 2019
GEN 1.2 - 12	15 MAR 2019
GEN 1.3 - 1	20 OCT 2009
GEN 1.3 - 2	14 SEP 1995
GEN 1.4 - 1	14 SEP 1995
GEN 1.4 - 2	14 SEP 1995
GEN 1.5 - 1	15 MAR 2019
GEN 1.5 - 2	15 MAR 2019
GEN 1.5 - 3	15 MAR 2019
GEN 1.5 - 4	15 MAR 2019
GEN 1.6 - 1	15 MAR 2019
GEN 1.6 - 2	15 MAR 2019
GEN 1.6 - 3	15 MAR 2019
GEN 1.6 - 4	15 MAR 2019
GEN 1.6 - 5	15 MAR 2019
GEN 1.6 - 6	15 MAR 2019
GEN 1.6 - 7	15 MAR 2019
☞ GEN 1.6 - 8	15 APR 2019
GEN 1.7 - 1	15 MAR 2019
GEN 1.7 - 2	15 MAR 2019
GEN 1.7 - 3	15 MAR 2019
GEN 1.7 - 4	15 MAR 2019
GEN 1.7 - 5	15 MAR 2019
GEN 1.7 - 6	15 MAR 2019
GEN 1.7 - 7	15 MAR 2019
GEN 1.7 - 8	15 MAR 2019
GEN 1.7 - 9	15 MAR 2019
GEN 1.7 - 10	15 MAR 2019
GEN 1.7 - 11	15 MAR 2019
GEN 1.7 - 12	15 MAR 2019
GEN 2	
GEN 2.1 - 1	14 SEP 1995
GEN 2.1 - 2	01 JUN 2010
GEN 2.2 - 1	15 DEC 2010
GEN 2.2 - 2	15 DEC 2010
GEN 2.2 - 3	15 DEC 2010
GEN 2.2 - 4	15 DEC 2010
GEN 2.2 - 5	15 DEC 2010
GEN 2.2 - 6	15 DEC 2010
GEN 2.2 - 7	15 DEC 2010
GEN 2.2 - 8	15 DEC 2010
GEN 2.2 - 9	15 DEC 2010
GEN 2.2 - 10	15 DEC 2010
GEN 2.2 - 11	15 DEC 2010
GEN 2.2 - 12	15 DEC 2010
GEN 2.2 - 13	15 DEC 2010
GEN 2.2 - 14	15 DEC 2010
GEN 2.2 - 15	15 DEC 2010
GEN 2.2 - 16	15 DEC 2010
GEN 2.2 - 17	15 DEC 2010
GEN 2.2 - 18	15 DEC 2010
GEN 2.2 - 19	15 DEC 2010
GEN 2.2 - 20	15 DEC 2010
GEN 2.2 - 21	15 DEC 2010
GEN 2.2 - 22	15 DEC 2010
GEN 2.2 - 23	15 DEC 2010
GEN 2.2 - 24	15 DEC 2010
GEN 2.2 - 25	15 DEC 2010
GEN 2.2 - 26	15 DEC 2010
GEN 2.2 - 27	15 DEC 2010
GEN 2.2 - 28	15 DEC 2010
GEN 2.3 - 1	14 SEP 1995
GEN 2.3 - 2	14 SEP 1995
GEN 2.3 - 3	14 SEP 1995
GEN 2.3 - 4	14 SEP 1995
GEN 2.3 - 5	14 SEP 1995
GEN 2.3 - 6	14 SEP 1995
GEN 2.4 - 1	14 SEP 1995
GEN 2.4 - 2	14 SEP 1995
GEN 2.5 - 1	01 JUL 2016
GEN 2.5 - 2	14 SEP 1995
GEN 2.6 - 1	14 SEP 1995
GEN 2.6 - 2	14 SEP 1995
GEN 2.7 - 1	20 OCT 2009
GEN 2.7 - 2	14 SEP 1995
GEN 3	
GEN 3.1 - 1	15 MAR 2019
GEN 3.1 - 2	15 MAR 2019
GEN 3.1 - 3	15 MAR 2019
GEN 3.1 - 4	15 MAR 2019
GEN 3.1 - 5	15 MAR 2019
GEN 3.1 - 6	15 MAR 2019
☞ GEN 3.2 - 1	15 APR 2019
☞ GEN 3.2 - 2	15 APR 2019
☞ GEN 3.2 - 3	15 APR 2019
☞ GEN 3.2 - 4	15 APR 2019
GEN 3.3 - 1	15 MAR 2019
GEN 3.3 - 2	15 MAR 2019
GEN 3.3 - 3	15 MAR 2019
GEN 3.3 - 4	15 MAR 2019
GEN 3.4 - 1	15 MAR 2019
GEN 3.4 - 2	15 MAR 2019
GEN 3.4 - 3	15 MAR 2019
GEN 3.4 - 4	15 MAR 2019
GEN 3.5 - 1	15 MAR 2019
GEN 3.5 - 2	15 MAR 2019
GEN 3.5 - 3	15 MAR 2019
GEN 3.5 - 4	15 MAR 2019
GEN 3.5 - 5	15 MAR 2019
GEN 3.5 - 6	15 MAR 2019
GEN 3.6 - 1	15 MAR 2019
GEN 3.6 - 2	15 MAR 2019
GEN 3.6 - 3	15 MAR 2019
GEN 3.6 - 4	15 MAR 2019
GEN 3.6 - 5	15 MAR 2019
GEN 3.6 - 6	15 MAR 2019
GEN 4	
GEN 4.1 - 1	15 AUG 2010
GEN 4.1 - 2	01 FEB 2019
GEN 4.1 - 3	15 JUL 2013
GEN 4.1 - 4	15 JUL 2013
GEN 4.1 - 5	15 JUL 2013
GEN 4.1 - 6	15 JUL 2013
GEN 4.1 - 7	15 JUL 2013
GEN 4.1 - 8	15 JUL 2013
GEN 4.1 - 9	15 JUL 2013
GEN 4.1 - 10	15 JUL 2013
GEN 4.2 - 1	01 MAY 2017
GEN 4.2 - 2	01 MAY 2017
GEN 4.2 - 3	01 MAY 2017
GEN 4.2 - 4	01 MAY 2017
GEN 4.2 - 5	01 MAY 2017
GEN 4.2 - 6	01 JAN 2019

ENGLISH *MACEDONIAN*

ENGLISH *MACEDONIAN*

INTENTIONALLY LEFT BLANK

ENGLISH

7. Convention for the Suppression of Unlawful Seizure of Aircraft, signed at the Hague on 16 December 1970;
8. Convention on the Marking of Plastic Explosives for the Purpose of Detection, signed at Montreal on 1 March 1991;
9. Convention for the Unification of Certain Rules for International Carriage by Air, done at Montreal on 28 May 1999;
10. EUROCONTROL-International Convention relating to Co-operation for the Safety of Air Navigation done at Brussels on 13 December 1960;
11. Protocol amending the EUROCONTROL-International Convention relating to Co-operation for the Safety of Air Navigation of 13 December 1960, Brussels, 1981;
12. Additional Protocol to the EUROCONTROL-International Convention relating to Co-operation for the Safety of Air Navigation done at Brussels on 06 July 1970;
13. Protocol for the Amendment of the Additional Protocol to the EUROCONTROL-International Convention relating to Co-operation for the Safety of Air Navigation done at Brussels dated 06 July 1970, done at Brussels on 21 November 1978;
14. Consolidated Text of the Provisions of the Existing Convention and the Amendments to the Latter Contained in the Protocol;
15. Multilateral Agreement relating to Route Charges;
16. Protocol Consolidating the EUROCONTROL International Convention Relating to Co-operation for the Safety of Air Navigation of 13 December 1960, as variously amended;
17. Consolidated Version which incorporates the Texts Remaining in Force of the Existing Convention and the Amendments made by the Diplomatic Conference of 27 June 1997

MACEDONIAN

7. Конвенција за спречување на грабнување на воздухоплови потпишана во Хаг на 16 декември 1970;
8. Конвенција за обележување на пластични експлозиви со цел за нивно откривање, потпишана во Монтреал на 01 март1991
9. Конвенција за изедначување на одредени правила во врска со превоз по воздушен пат, подгтовена во Монтреал на 28 мај 1999
10. Меѓународна конвенција на EUROCONTROL за соработка во безбедноста на воздушната пловидба, подготвена во Брисел на 13 декември 1960
11. Протокол за измена на Меѓународната конвенција на EUROCONTROL за соработка во безбедноста на воздушната пловидба, подготвена во Брисел на 13 декември 1960, Брисел 1981;
12. Дополнителен протокол на Меѓународната конвенција на EUROCONTROL за соработка во безбедноста на воздушната пловидба, подготвен во Брисел на 06 јули 1970
13. Протокол за измена на Дополнителниот протокол на Меѓународната конвенција на EUROCONTROL за соработка во безбедноста на воздушната пловидба, од 06 јули 1970 подготвен во Брисел на 21 ноември 1978
14. Пречистен текст на одредбите на постојната Конвенција и измените на истата кои се содржани во протоколот;
15. Мултилатерална спогодба за надоместоци за прелети;
16. Протокол со консолидиран текст на Меѓународната конвенција на EUROCONTROL за соработка во безбедноста на воздушната пловидба, подготвена во Брисел на 13 декември 1960 заедно со нејзините измени;
17. Консолидиран текст кој ги содржи важечките текстови на постојната Конвенција и измените направени со дипломатска конференција од 27 јуни 1997;

ENGLISH

18. Multilateral Agreement between the European Community and its Member States, the Republic of Albania, Bosnia and Herzegovina, Republic of Bulgaria, Republic of Croatia, Republic of Macedonia, Republic of Iceland, Republic of Montenegro, the Kingdom of Norway, Romania, Republic of Serbia and the United Nations Interim Administration Mission in Kosovo on the establishment of a European Common Aviation Area;

1.6.5 Letters of agreement in force:

- Letter of agreement between ACC Sofia and ACC Skopje efective from 28.03.2019.
- Letter of agreement between ACC Tirana and ACC Skopje efective from 07.12.2017.
- Letter of agreement between ACC Beograd and ACC Skopje efective from 30.04.2015
- Letter of agreement between ACC Makedonia and APP Makedonia and ACC Skopje efective from 23.06.2016
- Letter of agreement between ATC Pristina and ACC Skopje effective from 03.04.2014.
- Letter of agreement between TWR Ohrid and ACC Skopje effective from 08.11.1996.
- Letter of agreement between M-NAV and Hungarocontrol (KFOR) effective from 03.04.2014.

MACEDONIAN

18. Мултилатерална спогодба помеѓу Европската заедница и нејзините членки, Република Албанија, Босна и Херцеговина, Република Бугарij, Република Хрватска, Република Македонија, Република Исланд, Република Црна Гора, Кралството Норвешка, Романија, Република Србија и Мисијата на Обединетите нации на Косово за основање на европска заедничка воздухопловна област.

1.6.5 Договорни писма кои се во сила

- Договорно писмо помеѓу Обласна контрола на летање Софија и Обласна контрола на летање Скопје во сила од 28.03.2019.
- Договорно писмо помеѓу Обласна контрола на летање Тирана и Обласна контрола на летање Скопје во сила од 07.12.2017
- Договорно писмо помеѓу Обласна контрола на летање Белград и Обласна контрола на летање Скопје во сила од 30.04.2015.
- Договорно писмо помеѓу Обласна контрола на летање Македонија и Приодна контрола на летање Македонија, и Обласна контрола на летање Скопје во сила од 23.06.2016.
- Договорно писмо помеѓу Контрола на летање Приштина и Обласна контрола на летање Скопје во сила од 03.04.2014.
- Договорно писмо помеѓу Кулната контрола на летање Охрид и Обласна контрола на летање Скопје во сила од 08.11.1996.
- Договорно писмо помеѓу М-НАВ и Хунгароконтрол (КФОР) во сила од 03.04.2014.

GEN 3.2 Aeronautical charts

3.2.1 Responsible service(s)

Responsible service for preparation and maintenance is Aeronautical Information Service of the Republic of North Macedonia.

Postal Address:

M-NAV

Aeronautical Information Services
Bosfor 7, Mralino
1041 Ilinden
Republic of North Macedonia

Phone: ++ 389 2 314 81 59/ 314 81 63
Fax: ++ 389 2 311 20 26
AFTN: LWSKYOYX
E-mail: aismac@mnavigation.mk

3.2.2 Maintenance of charts

Preparation and maintenance of the ICAO chart series for the Republic of North Macedonia will be achieved by means of digital mapping platform. This is co-sited with the AIP editing suite at operations building at Skopje airport. Enquiries should be made during weekday office hours only. Purchasing requirements should be addressed to the AIP Editor. Current purchasing arrangements and costs will be notified by AIC.

3.2.3 Purchase arrangements

Current purchasing arrangements and costs will be notified by AIC.

3.2.4 Aeronautical chart series available

3.2.4.1 General Cautionary Note

SID and STAR charts for LWSK and LWOH aerodromes published in this AIP are based directly on the former chart series issued by the Socialistic Federal Republic of Yugoslavia. No survey records are available to verify the accuracy of the data presented. All those charts will be re-issued with new geodetic survey data in due time.

3.2.4.2 AERONAUTICAL CHART ICAO 1:500 000

A multi-coloured chart will be issued in Lambert Conic Conformal Projection.

3.2.4.3 AERODROME OBSTACLE CHARTS - ICAO TYPE A

Aerodrome Obstacle Charts - ICAO Type A are constructed on a scale of 1:20,000 and show the RWY, strip, and the obstacles in take-off area, relevant to determining operating limitations at the take-off area.

GEN 3.2 Воздухопловни карти

3.2.1

3.2.2

3.2.3

3.2.4

3.2.4.1

3.2.4.2

3.2.4.3

3.2.4.4 ENROUTE CHARTS - ICAO **3.2.4.4**

These charts provide flight crews with information to facilitate navigation along ATS routes, in compliance with the procedures detailed in ENR section.

3.2.4.5 STANDARD ARRIVAL CHARTS - INSTRUMENT (STAR) - ICAO **3.2.4.5**

These charts are published for the portrayal of the flight procedures, which will enable flight crews to comply with the designated standard arrival route, (instrument) from the en-route phase to the approach phase.

3.2.4.6 INSTRUMENT APPROACH CHARTS - ICAO **3.2.4.6**

These charts provide flight crews with information which will enable them to perform the approved instrument approach procedure, to the runway at intended landing, including the missed approach procedure, and associated holding patterns.

3.2.4.7 STANDARD DEPARTURE CHARTS - INSTRUMENT (SID) - ICAO **3.2.4.7**

These charts are published for the portrayal of the flight procedures, which will enable flight crews to comply with the designated standard departure route - (instrument) from take-off phase to the en-route phase.

3.2.4.8 AERODROME CHARTS - ICAO **3.2.4.8**

These charts will provide flight crews with information that will facilitate the ground movement of aircraft on the aerodrome.

3.2.4.9 AIRCRAFT PARKING/DOCKING CHARTS - ICAO **3.2.4.9**

These charts provide more detailed information on parking/docking positions on apron and parking aids, together with INS co-ordinates.

3.2.4.10 INDEX CHARTS **3.2.4.10**

The index chart currently available depicts the ATS airspace structure and classification within Skopje FIR.

3.2.5 List of aeronautical charts available **3.2.5**

The following charts are published:

1. En-route Chart - ICAO
   Lower
   15 APR 2019
2. En-route Chart - ICAO
   Upper
   15 APR 2019
3. Index Chart
   ATS Airspace Classification
   15 APR 2019
4. Aerodrome Chart - ICAO
   Aerodrome Chart - ICAO - Skopje
   15 APR 2019

5. Aircraft Parking/Docking Chart - ICAO
   Aircraft Parking/Docking Chart - ICAO-Skopje
   15 APR 2019

6. Standard Arrival Chart
   Instrument (STAR) - ICAO - Skopje
   15 APR 2019

7. Instrument Approach Chart - ICAO - Skopje
   ILS 34 CAT A, B
   15 APR 2019

8. Instrument Approach Chart - ICAO - Skopje
   ILS 34 CAT C, D
   15 APR 2019

9. Instrument Approach Chart - ICAO - Skopje
   VOR 34 CAT A, B
   15 APR 2019

10. Instrument Approach Chart - ICAO - Skopje
    VOR 34 CAT C, D
    15 APR 2019

11. Standard Departure Chart
    Instrument (SID) - ICAO - Skopje
    SID 16
    15 APR 2019

12. Standard Departure Chart
    Instrument (SID) - ICAO - Skopje
    SID 34
    15 APR 2019

13. Aerodrome Obstacle Chart
    ICAO Type A - Skopje
    RWY 16
    12 NOV 2015

14. Aerodrome Obstacle Chart
    ICAO Type A - Skopje
    RWY 34
    12 NOV 2015

15. ATC Surveillance Minimum Altitude Chart - ICAO - Skopje
    15 APR 2019

16. Aerodrome Chart - ICAO
    Aerodrome Chart - ICAO - Ohrid
    15 APR 2019

17. Aircraft Parking/Docking Chart - ICAO
    Aircraft Parking/Docking Chart - ICAO-Ohrid
    15 APR 2019

18. Standard Arrival Chart
    Instrument (STAR) - ICAO - Ohrid
    15 APR 2019

19. Instrument Approach Chart - ICAO - Ohrid
    ILS 01 CAT A, B, C
    15 APR 2019

20. Instrument Approach Chart - ICAO - Ohrid
Non-Standard ILS 01 CAT D
15 APR 2019

21. Instrument Approach Chart - ICAO - Ohrid
VOR 01, CAT A, B
15 APR 2019

22. Instrument Approach Chart - ICAO - Ohrid
VOR 01, CAT C
15 APR 2019

23. Instrument Approach Chart - ICAO - Ohrid
Non-Standard VOR 01, CAT D
15 APR 2019

24. Standard Departure Chart
Instrument (SID) - ICAO - Ohrid - SID 01
15 APR 2019

25. Standard Departure Chart
Instrument (SID) - ICAO - Ohrid
SID 19 CAT A, B, C
15 APR 2019

26. Standard Departure Chart
Instrument (SID) - ICAO - Ohrid
SID 19 CAT D
15 APR 2019

27. Aerodrome Obstacle Chart
ICAO Type A - Ohrid
RWY 01/19
12 NOV 2015

3.2.6 Index to the World Aeronautical Chart (WAC) - ICAO 1: I 000 000

3.2.6

Map 2322 is found in Appendix 5 of Annex 4 to the Convension

3.2.7 Topographical charts

3.2.7

No approved charts are currently available.

3.2.8 Corrections to charts not contained in the AIP

3.2.8

NIL - all charts available are included in the AIP.

FIR SKOPJE — ENROUTE CHART - ICAO — LOWER AIRSPACE < FL245

Aerodrome

FIight Information Region (FIR)

Name of FIR
Upper Limit
Lower Limit
Unit Providing Control Service

FIR SKOPJE / UNL / GND / SKOPJE ACC

Terminal Control Area (TMA)

Name of TMA
Upper LImit
Lower Limit
Unit Providing Approach Control Service

TMA SKOPJE / FL145 / GND / SKOPJE APP

Control Zone (CTR)

Name of CTR
Upper Limit
Unit Providing Aerodrome Control Service

CTR SKOPJE / 4000' / SKOPJE TWR

ATS and RNAV Route

Southbound
Northbound
Bidirectional
Alternative solution in case of unavailability of Kosovo airspace

Route Designator
Magnetic Track
Distance in Nautical Miles
Lower Limit

Example: P92 — 250° — 28 — 070° — 11000

Reporting Point (REP)

Compulsory
On request

Restricted Airspace

Identification of Area
Nationality Letter
P - Prohibited
R - Restricted
D - Danger

LW R01

Radio Navigation Aids (NAVAID)

Non - directional Radio Beacon (NDB)

Co - located VOR and DME
Navigation Aids (VOR/DME)

Identification for Radio Navigation Aids (NAVAID)

Name
NAVAID, Frequency, Identification or Call Sign
Geographical Coordinates

SKOPJE
VOR/DME 112.80
SKJ
41°56'05.99"N
021°37'50.49"E

BEARINGS, TRACKS AND RADIALS ARE MAGNETIC

ALTITUDES AND ELEVATION ARE IN FEET

DISTANCES ARE IN NAUTICAL MILES

VAR 4°E (2015)

FIR BEOGRAD / UNL / GND / BEOGRAD ACC

FIR SOFIA / UNL / GND / SOFIA ACC

FIR SKOPJE / UNL / GND / SKOPJE ACC

FIR TIRANA / UNL / GND / TIRANA ACC

FIR ATHINAI / UNL / GND / MAKEDONIA ACC

RAXAD 42 18 30N 022 14 34E
OLOTA 42 13 48N 021 37 00E
42 17 00N 021 47 00E
LONTA 42 09 34N 021 23 50E
XAXAN 42 08 12N 021 19 37E
KOGAT 42 06 45N 021 03 20E
SARAX 42 05 49N 020 53 44E
LETNI 42 05 49N 022 36 21E
SINKO VOR/DME 111.45 SIN 41°58'50.97"N 022°21'55.86"E
VELBA 41 58 00N 022 53 00E
TETOV 41 58 36N 020 59 24E
GOSTI 41 48 42N 021 06 30E
BUREK 41 49 56N 021 11 49E
NASKO 41 46 01N 022 05 52E
MAVAR 41 40 12N 020 31 48E
TIKVA 41 20 18N 021 55 24E
RUGAS 41 19 46N 022 47 29E
DISOR 41 14 50N 022 45 30E
NEGOT 41 19 12N 022 23 32E
ERANA 41 09 48N 022 14 22E
MAKED 41 07 45N 022 31 00E
TALAS 41 04 36N 021 55 00E
BEKVA 40 56 04N 021 41 42E
BITLA 40 52 32N 021 21 29E
DOBAR 41 19 58N 020 29 41E
PRILEP NDB/DME 297 PEP 41°20'15.65"N 021°26'55.45"E
OHRID CTR OHRID 4000' OHRID TWR
SKOPJE CTR SKOPJE 4000' SKOPJE TWR
TMA SKOPJE / FL145 / GND / SKOPJE APP
LW R01 LW R03
1.5 min FL245 FL150
SCALE 1 : 800 000
kilometres 5 0 5 10 15 20 25 30 35
nautical miles 2 0 5 10 15 20

CHANGE: Editorial

INTENTIONALLY LEFT BLANK

FIR SKOPJE - FREE ROUTE AIRSPACE — ENROUTE CHART - ICAO — UPPER AIRSPACE FL245 / FL660

Aerodrome

FIight Information Region (FIR)

FIR boundary

Name of FIR — FIR SKOPJE
Upper Limit — UNL
Lower Limit — GND
Unit Providing Control Service — SKOPJE ACC

Free Route Airspace (FRA)

FRA boundary

FRA relevance of significant points

(E) ENTRY POINT
(X) EXIT POINT
(A) ARRIVAL POINT
(D) DEPARTURE POINT
(I) INTERMEDIATE POINT

Reporting Point (REP)

Compulsory

On request

Restricted Airspace

Identification of Area
Nationality Letter
P - Prohibited
R - Restricted
D - Danger

LW R01

Radio Navigation Aids (NAVAID)

Non - directional Radio Beacon (NDB)

Co - located VOR and DME Navigation Aids (VOR/DME)

Identification for Radio Navigation Aids (NAVAID)

Name
NAVAID, Frequency, Identification or Call Sign
Geographical Coordinates

SKOPJE
VOR/DME 112.80
SKJ
41°56'05.99"N
021°37'50.49"E

VAR 4°E (2015)

BEARINGS, TRACKS AND RADIALS ARE MAGNETIC

ALTITUDES AND ELEVATION ARE IN FEET

DISTANCES ARE IN NAUTICAL MILES

FIR BEOGRAD
UNL
GND
BEOGRAD ACC

FIR BEOGRAD

RAXAD (E/X/D)
42 18 30N
022 14 34E

OLOTA (E)
42 13 48N
021 37 00E

FIR SKOPJE

FIR SOFIA
UNL
GND
SOFIA ACC

XAXAN (X)
42 08 12N
021 19 37E

SARAX (E/A)
42 05 49N
020 53 44E

LONTA (X)
42 09 34N
021 23 50E

LETNI (E)
42 05 49N
022 36 21E

KOGAT (E)
42 06 45N
021 03 20E

LW R03

SKOPJE

149°
329°
1.5 min
FL660
FL245

TETOV (A/D)
41 58 36N
020 59 24E

SINKO (A/D)
VOR/DME 111.45
SIN
41°58'51"N
022°21'56"E
4000'

VELBA (X)
41 58 00N
022 53 00E

FIR SOFIA

FIR SKOPJE

BUREK (A)
41 49 56N
021 11 49E

SKOPJE (I)
VOR/DME 112.80
SKJ
41°56'06"N
021°37'50"E
800'

GOSTI (A/D)
41 48 42N
021 06 30E

FIR SKOPJE
UNL
GND
SKOPJE ACC

MAVAR (E/X/A)
41 40 12N
020 31 48E

LW R01

FIR TIRANA

FIR SKOPJE

149°
329°
1.5 min
FL370
FL245

PRILEP (A/D)
NDB/DME 297
PEP
41°20'16"N
021°26'55"E
2100'

RUGAS (E/X/A/D)
41 19 46N
022 47 29E

DOBAR (E/X)
41 19 58N
020 29 41E

DISOR (E/X)
41 14 50N
022 45 30E

OHRID

ERANA (X)
41 09 48N
022 14 22E

FIR TIRANA
UNL
GND
TIRANA ACC

MAKED (E/X)
41 07 45N
022 31 00E

FIR SKOPJE

TALAS (E/X)
41 04 36N
021 55 00E

FIR ATHINAI

FIR ATHINAI
UNL
GND
MAKEDONIA ACC

BEKVA (E)
40 56 04N
021 41 42E

BITLA (E/X)
40 52 32N
021 21 29E

SCALE 1 : 800 000
kilometres
5 0 5 10 15 20 25 30 35
2 0 5 10 15 20
nautical miles

CHANGE: Editorial

INTENTIONALLY LEFT BLANK

Aerodrome

Flight Information Region (FIR)

FIR boundary

Name of FIR — FIR SKOPJE
Upper Limit — UNL
Lower Limit — GND
Unit Providing Control Service — SKOPJE ACC

Airspace Classification
Airspace boundary

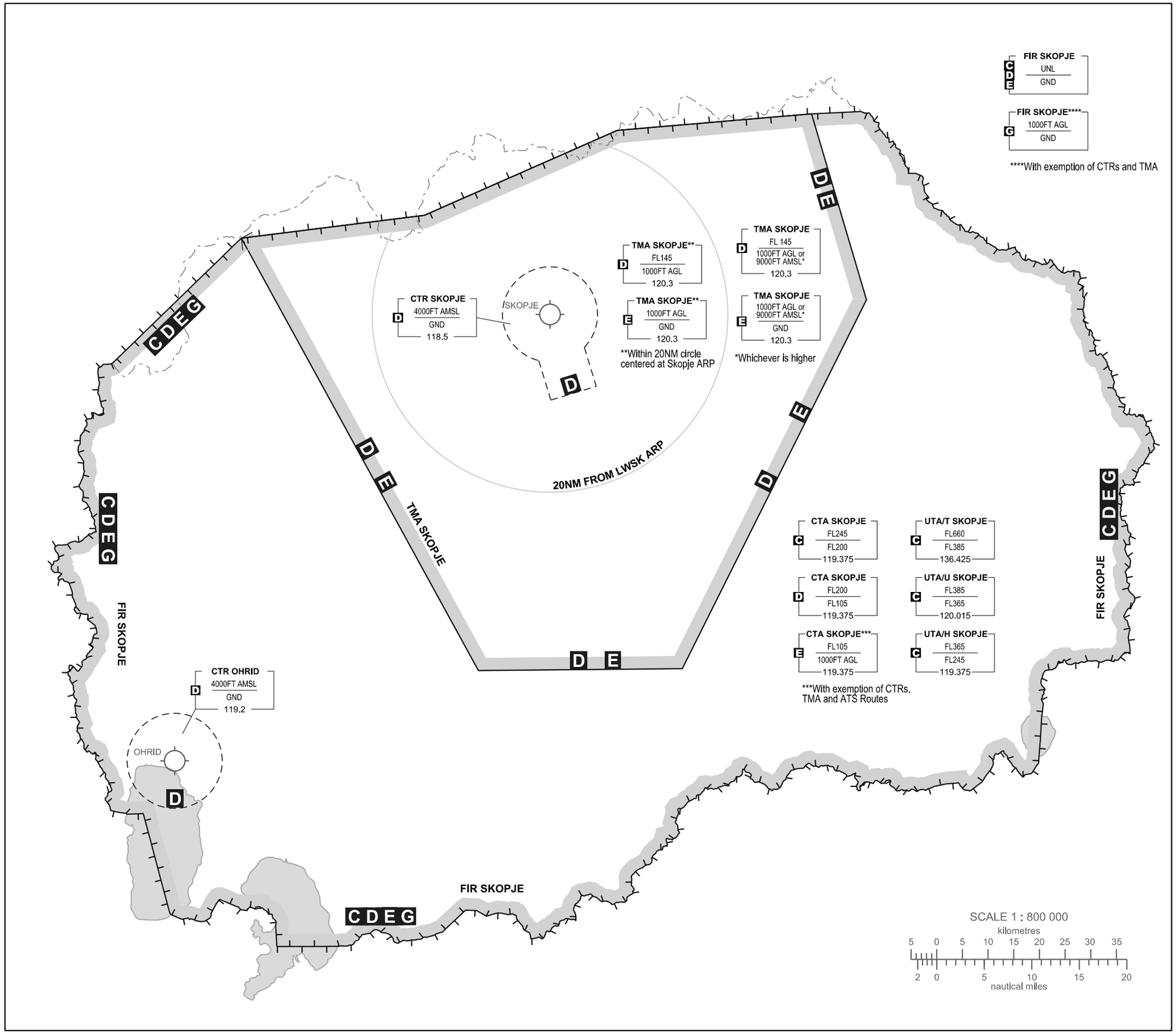
C

Name or call sign — CTA SKOPJE
Type — C
Upper Limit — FL245
Airspace Classification — FL200
Lower Limit — 119.375
Radio frequency

CTR boundary

INDEX CHART

ATS AIRSPACE CLASSIFICATION WITHIN SKOPJE FIR



CHANGE: New Chart

INTENTIONALLY LEFT BLANK

AD 2 АЕРОДРОМИ - ОХРИД

AD 2.1 Аеродромски индикатор за место и име

LWOH – Аеродром „Св. Апостол Павле“ Охрид

AD 2.2 Аеродромски географски административни податоци

AD ICAO код:	LWOH
AD IATA код:	OHD
AD Референтна точка:	41°10’48”N 020°44’32”E
ARP локација:	Во центарот на ПСП
Град:	Охрид
Правец и оддалеченост на ARP од центарот на градот:	10km северозападно
Надморска височинана:	700 м
Референтната температура:	29°C, Август
Магнетна варијација:	4°E (2015)
Администрација на аеродромот:	ТАВ Македонија ДООЕЛ

Поштенска адреса:

ТАВ Македонија ДООЕЛ Петровец
Аеродром „Св. Апостол Павле“
Охрид
П.Ф. 134 Охрид 6000
Република Северна Македонија

Телефон:	++389 46 252-820 / 252-821
Факсимил:	++389 46 252-840
SITA:	OHDAPXH
Електронска пошта:	ops@tav.aero ohdairport@tav.aero
Интернет страница:	www.airports.com.mk
Тип на дозволен сообраќај:	IFR / VFR
ICAO Annex 14 категорија:	4D, CAT I

Географска локација на аеродромот:

Југозападен дел од Република Северна Македонија, на север од северниот брег на Охридското езеро, во атарот на селата Горенци и Оровник (во месностите Урека, Волниште, Кадица, Лаг и Тапанки). Во однос на градот Охрид, локацијата (референтната точка на аеродромот) се наоѓа на растојание од десет километри од центарот на градот, во северозападна насока према 327˚ во однос на географскиот север. Јужно од дефинираната локација, на околу 650m, преку месноста Тапанки, се наоѓа самиот северен брег на Охридското Езеро. Сообраќајното поврзување на аеродромот е овозможено единствено преку патниот сообраќај (патна инфраструктура), преку маги-стралниот пат М4 (Е65) Скопје - Кичево - Охрид, со следните патни растојанија: 10km од Охрид, 10km од Струга, 50km од Кичево, 70km од Битола, 105km од Прилеп, 160km од Скопје.

AD 2 AERODROMES - OHRID

AD 2.1 Aerodrome location indicator and name

LWOH – Ohrid “St. Paul The Apostle” Airport

AD 2.2 Aerodrome geographical and administrative data

AD ICAO code:	LWOH
AD IATA code:	OHD
AD Reference point	41°10’48”N 020°44’32”E
ARP site:	Center of RWY
City:	Ohrid
Direction and distance of ARP from centre of the city:	10km Northwest
Elevation:	700 m
AD REF temperature:	29°C AUG
Magnetic variation:	4°E (2015)
Airport Administration	TAV Macedonia DOOEL

Postal Address:

TAV Macedonia DOOEL
Aerodrome “St Paul the Apostle” Ohrid
PO Box 134, Ohrid 6000
Republic of North Macedonia

Phone:	++389 46 252-820 / 252-821
Fax:	++389 46 252-840
SITA:	OHDAPXH
E-mail:	ops@tav.aero ohdairport@tav.aero
Web site:	www.airports.com.mk
Type of traffic permitted:	IFR/VFR
ICAO Annex 14 category:	4D, CAT I

Geographical location of the aerodrome:

South-western part of Republic of North Macedonia, north of the northern shore of Ohrid Lake, in the vicinity of the villages Gorenci and Orovnik (in the localities of Ureka, Volnishte, Kadica, Lag and Tapanki. In terms of the city of Ohrid, the airport site (Airport Reference Point) is on a distance of about ten kilometers from the downtown, in northwest direction towards 327˚, in terms to the geographic North. South of the defined location, about 650m through Tapanki locality, is the northern shore of Ohrid Lake. The traffic connecting of the airport is possible only through road traffic (road infrastructure) through M4 motorway (E65) Skopje - Kicevo - Ohrid, with the following travel distances: 10km from Ohrid, 10km from Struga, 50km from Kicevo, 70km from Bitola, 105km from Prilep, 160km from Skopje.

Забелешки:

Нема

AD 2.3 Работно време

СЛУЖБА	РАБОТНО ВРЕМЕ
Аеродромска администрација:	Според NOTAM

Оперирање на воздухоплови надвор од работното време е можно само по претходно добиено одобрение од страна на аеродромскиот оператор, на барање на превозникот преку SITA системот, факсимил или електронска пошта, во склад со аеродромските можности и капацитети.

SITA: OHDAPXH
Факс: ++389 46 252-840
E-mail: ops@tav.aero
dutyohd@tav.aero

APP/TWR/ARO	Според NOTAM

Оперирање на воздухоплови надвор од работното време е можно само по претходно добиено одобрение преку AFTN системот, на адреса: LWOHZPZX

MET OBS	Според NOTAM

Оперирање на воздухоплови надвор од работното време е можно само по претходно добиено одобрение преку AFTN системот, на адреса: LWOHYMYX

MET FCST
Услугата не е достапна (одговорна служба за подготовка на прогнози LWSK H24)

Медицинска служба:Според оперативната отвореност на аеродромот

Царина: Според оперативната отвореност на аеродромот

AD 2.4 Аеродромски услуги и капацитети

Карго прифат и опрема, објекти:	Карго складиште 500m^2; Вилушкар 2.5t Транспортна трака за помали пратки Подготовка и дистрибуција на AWB Камионски транспорт
Фито-санитарен простор:	Нема
Разладна комора:	Нема
Гориво за воздухоплови:	JET -A1
Масло за воздухоплови:	нема
Опрема за полнење на гориво:	2 камионски цистерни од по 25,000 лит.;

Remarks:

NIL

AD 2.3 Operational hours

SERVICE	WORKING HOURS
Aerodrome administration:	According NOTAM

Operating out of aerodrome working hours can be performed only with prior grant (confirmation) obtained from the airport authorities according to the available airport facilities, required from airline via one of the next ways:

SITA: OHDAPXH
Fax: ++389 46 252-840
E-mail: ops@tav.aero
dutyohd@tav.aero

APP/TWR/ARO	According NOTAM

Operating out of working hours can be performed only with prior permission via AFTN, on address: LWOHZPZX

MET/OBS	According NOTAM

Operating out of working hours can be performed only with prior permission via AFTN, on address: LWOHYMYX

MET FCST
Service not AVBL (Office responsible for forecast preparation LWSK H24)

Medical service: According airport operational hours

Custom control: According airport operational hours

AD 2.4 Handling services and facilities

Cargo-handling facilities:	Cargo Store 500 sq.m 1 fork lifts 2,5 t 1 powered mobile conveyor for small ULD Forwarding and preparing of AWB Truck transport
Phyto-sanitary facilities:	Nil
Cold room:	Nil
Fuel grades:	JET - A1
Oil Grades:	nil
Refueling facilities and limitations:	2 truck cisterns capacity 25,000 liters each

AERODROME CHART - ICAO

41°10'47.72"N
020°44'32.38"E

ELEV 2296'

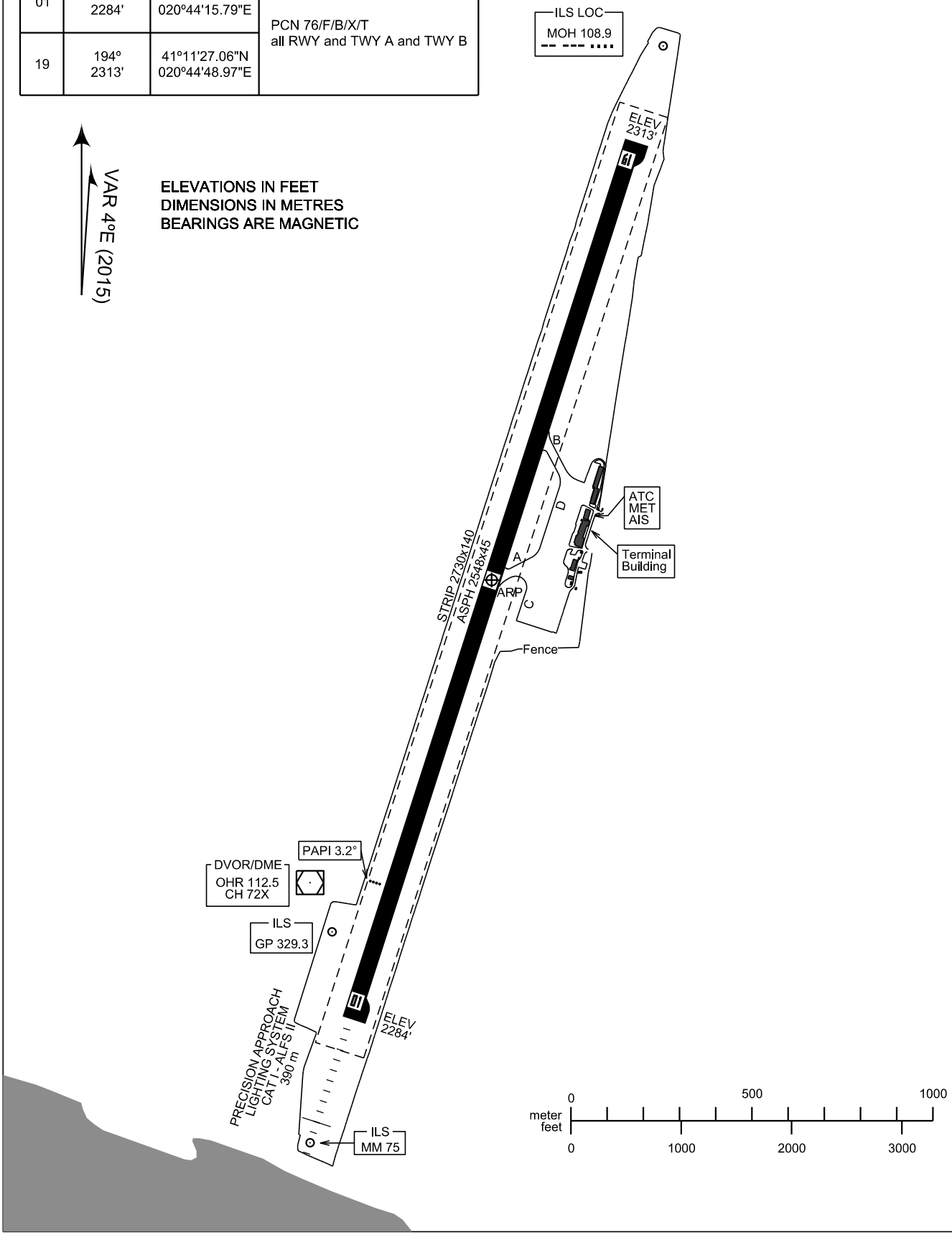
TWR	119.200
APRON	119.200

OHRID / St. Paul the Apostle (LWOH)

RWY	DIRECTION ELEVATION	THR	BEARING STRENGHT
01	014° 2284'	41°10'08.38"N 020°44'15.79"E	PCN 76/F/B/X/T all RWY and TWY A and TWY B
19	194° 2313'	41°11'27.06"N 020°44'48.97"E	

VAR 4°E (2015)

ELEVATIONS IN FEET
DIMENSIONS IN METRES
BEARINGS ARE MAGNETIC



CHANGE: Editorial

INTENTIONALLY LEFT BLANK

AIRCRAFT PARKING/ DOCKING CHART - ICAO

AD ELEVATION 2313'
ARP COORDINATES
41°10'47.72"N
020°44'32.38"E

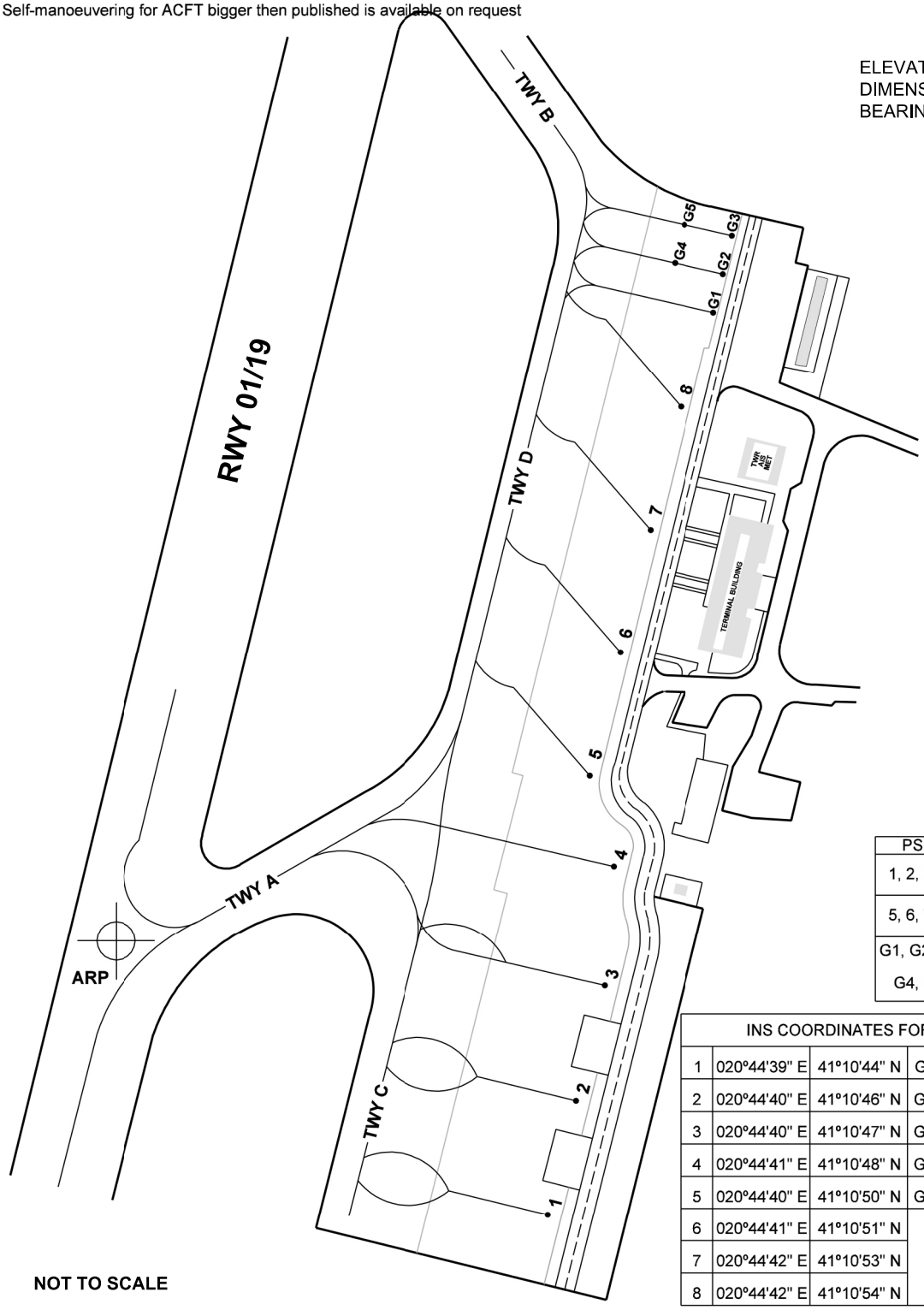
TWR	119.200
APRON	119.200

OHRID / St. Paul the Apostle (LWOH)

TAXIING RESTRICTION AND NOTES:
1) All PSN: taxi-in/push-back
2) Apron TWY D restricted to ACFT with MAX wing span 34.88 m and TWY C to 37.55 m
3) Taxiing of TU 154 to and from APRON (PSN 1-4) restricted to TWY A
4) Taxiing to PSN 5-8 restricted to TWY B. Taxiing from PSN 5-8 towards RWY restricted to TWY A
5) Simultaneous manoeuvering to or from neighbouring PSN prohibited
6) Taxiing of chapter "C" ACFT with MAX wing span 34.88 m to or from PSN 1-4 possible either on TWY A or TWY B
7) ACFT must be parked between two red lines marked along the APRON
8) Self-manoeuvering for ACFT bigger then published is available on request

VAR 4°E (2015)

ELEVATIONS IN FEET
DIMENSIONS IN METRES
BEARINGS ARE MAGNETIC



PSN	PSN for
1, 2, 3, 4	B 727, A-320, max. TU-154
5, 6, 7, 8	B 737-100/200/300/500, max. JAK-42
G1, G2, G3 G4, G5	General Aviation MAX 12.2 m wing span

INS COORDINATES FOR AIRCRAFT STANDS					
1	020°44'39" E	41°10'44" N	G1	020°44'43" E	41°10'55" N
2	020°44'40" E	41°10'46" N	G2	020°44'43" E	41°10'56" N
3	020°44'40" E	41°10'47" N	G3	020°44'43" E	41°10'56" N
4	020°44'41" E	41°10'48" N	G4	020°44'42" E	41°10'56" N
5	020°44'40" E	41°10'50" N	G5	020°44'43" E	41°10'56" N
6	020°44'41" E	41°10'51" N	Taxiways 23 m wide Taxiways and apron strength LCN 56		
7	020°44'42" E	41°10'53" N			
8	020°44'42" E	41°10'54" N			

NOT TO SCALE

CHANGE: Editorial

INTENTIONALLY LEFT BLANK

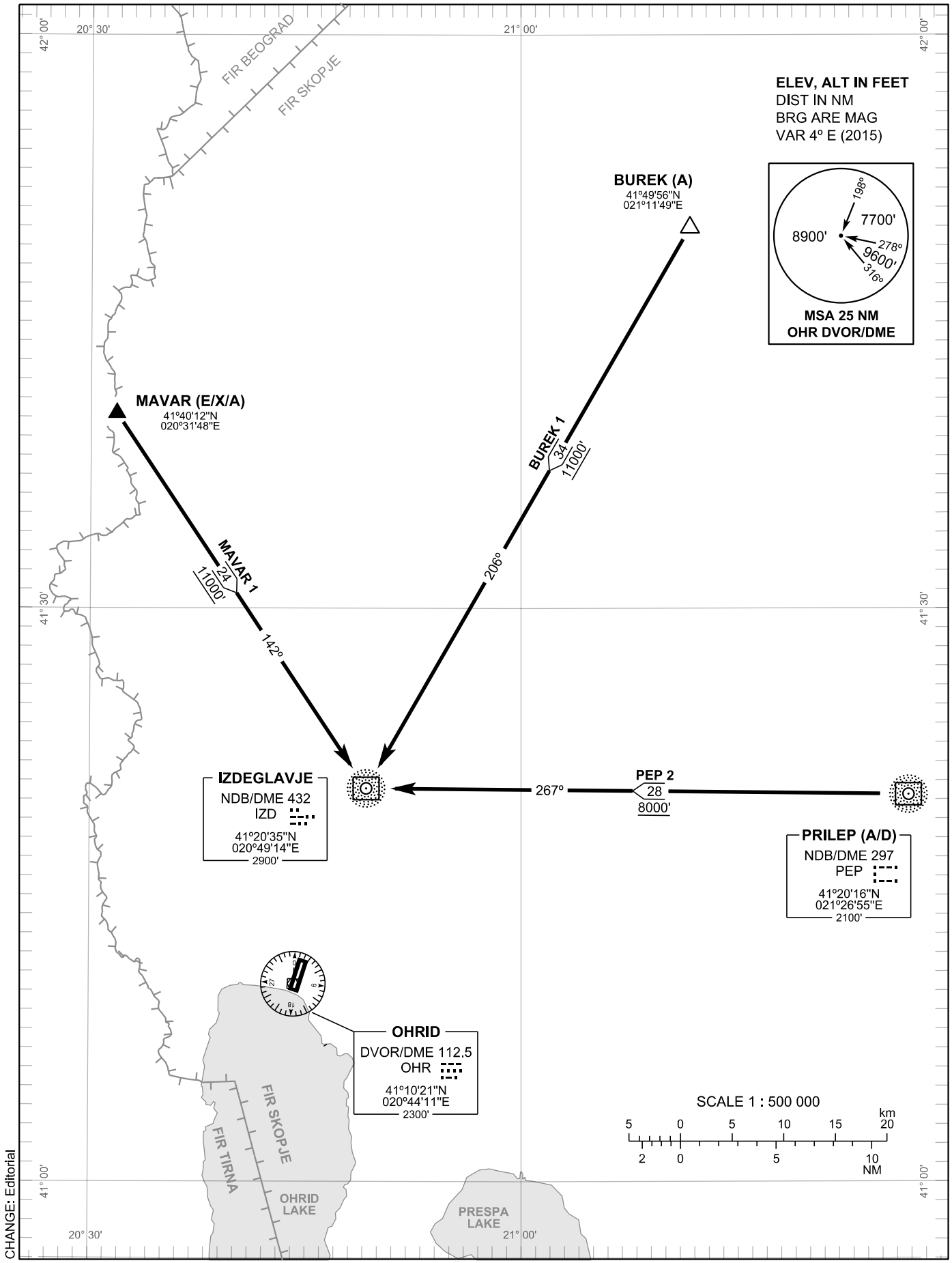
STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
11000'

APP	119.200
TWR	119.200

OHRID / St. Paul the Apostle (LWOH) RWY 01

BUREK 1 MAVAR 1 PEP 2



CHANGE: Editorial

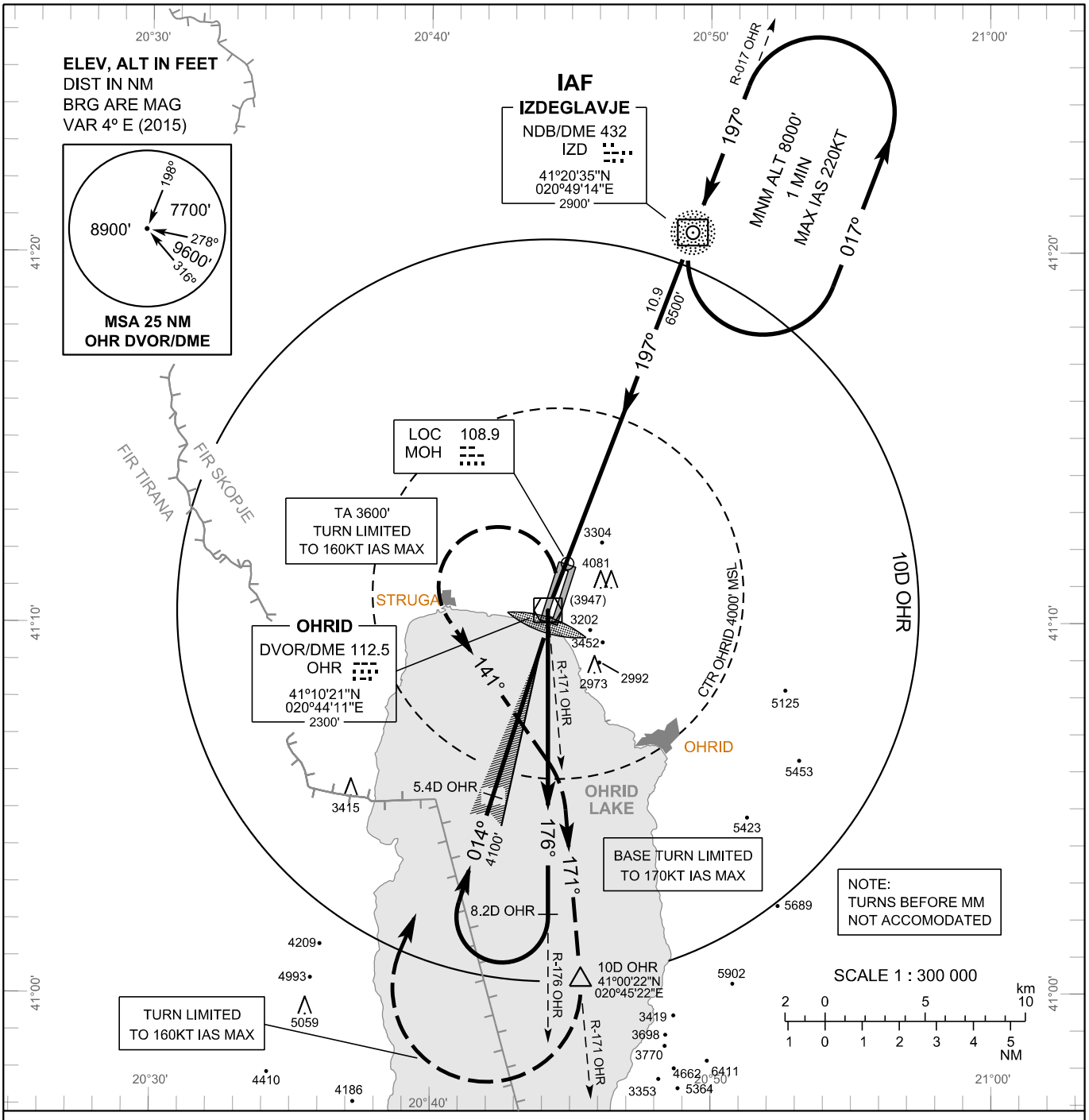
INTENTIONALLY LEFT BLANK

INSTRUMENT APPROACH CHART - ICAO

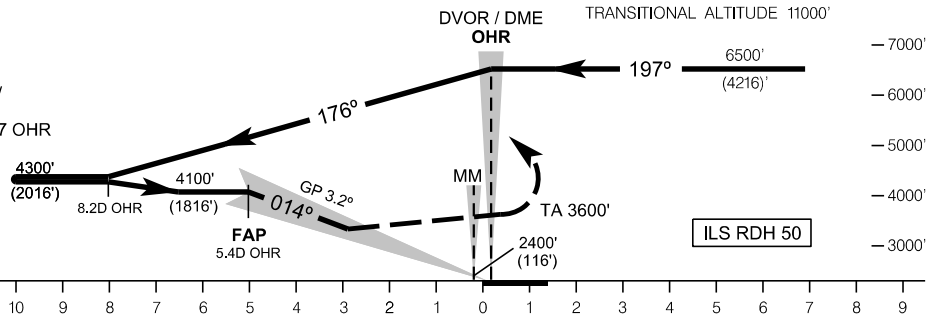
AERODROME ELEV 2296 FT
HEIGHTS RELATED TO
THR RWY 01 ELEV 2284 FT

APP	119.200
TWR	119.200

OHRID / St. Paul the Apostle (LWOH)
ILS RWY 01
(ACFT CAT A, B, C)



MISSED APPROACH
Continuous climb until reaching 8000'.
Climb straight ahead. At 3600' but not before MM turn left heading 141° to intercept and follow R171 OHR outbound. At 10D OHR turn right to return to OHR. After passing OHR follow R017 OHR to IZD NDB climbing to 8000' and hold.
NOTE: MA Speed Limit until reaching OHR DVOR / DME 160 KT IAS MAX



ILS CAT I	A	B	C
OCA (OCH)	**3337' (1054')**	**3347' (1063')**	**3357' (1073')**

Altitude (height) related to descent gradient of 5.6%		
DME OHR	5D	4D
ALT (HGT)	3973' (1689')	3633' (1349')

CHANGE: Editorial

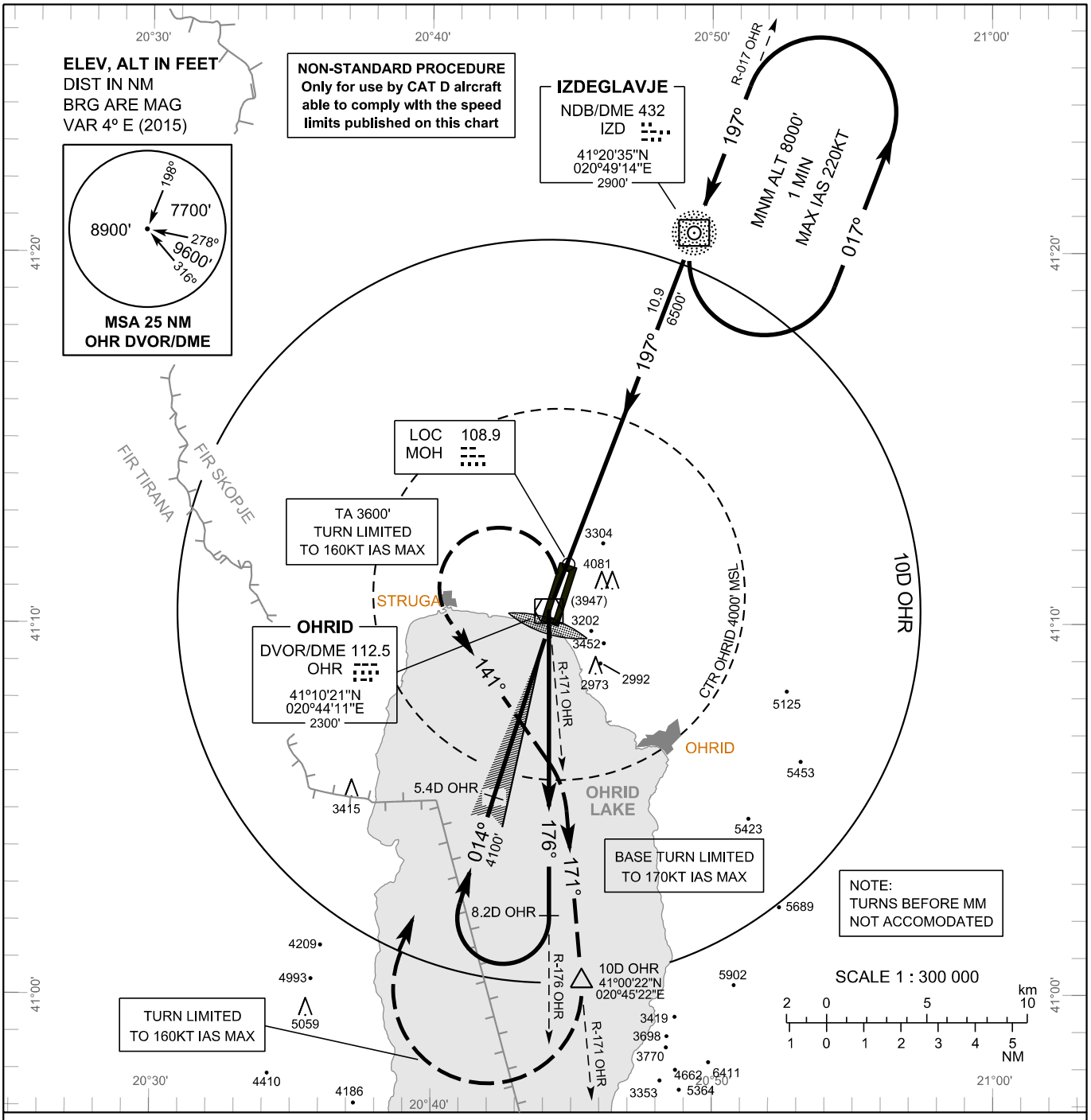
INTENTIONALLY LEFT BLANK

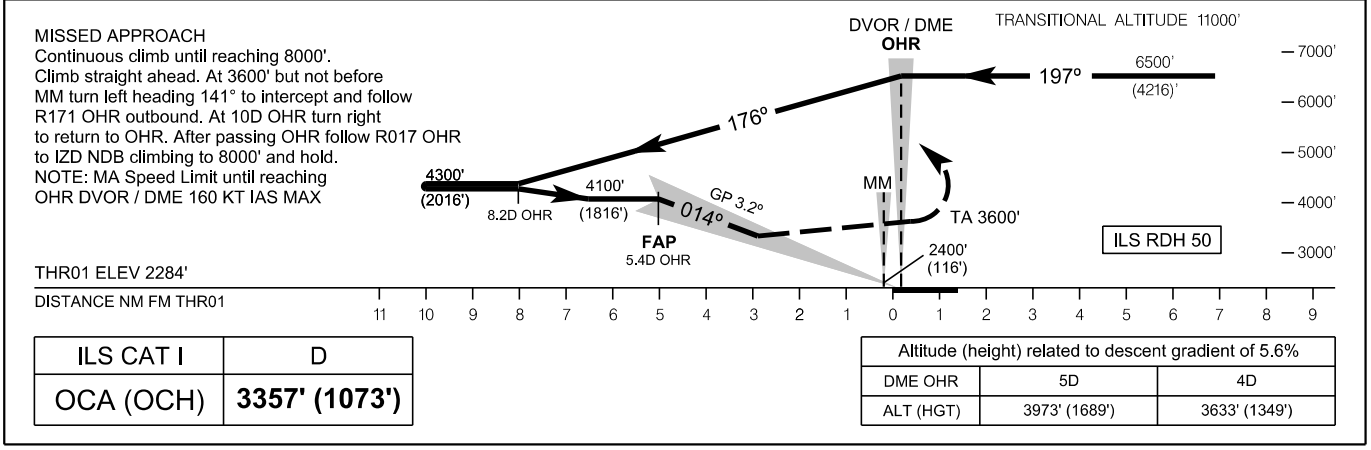
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 2296 FT
HEIGHTS RELATED TO
THR RWY 01 ELEV 2284 FT

APP 119.200
TWR 119.200

OHRID / St. Paul the Apostle (LWOH)
ILS RWY 01
(NON-STANDARD ACFT CAT D)





ILS CAT I	D
OCA (OCH)	**3357' (1073')**

Altitude (height) related to descent gradient of 5.6%		
DME OHR	5D	4D
ALT (HGT)	3973' (1689')	3633' (1349')

CHANGE: Editorial

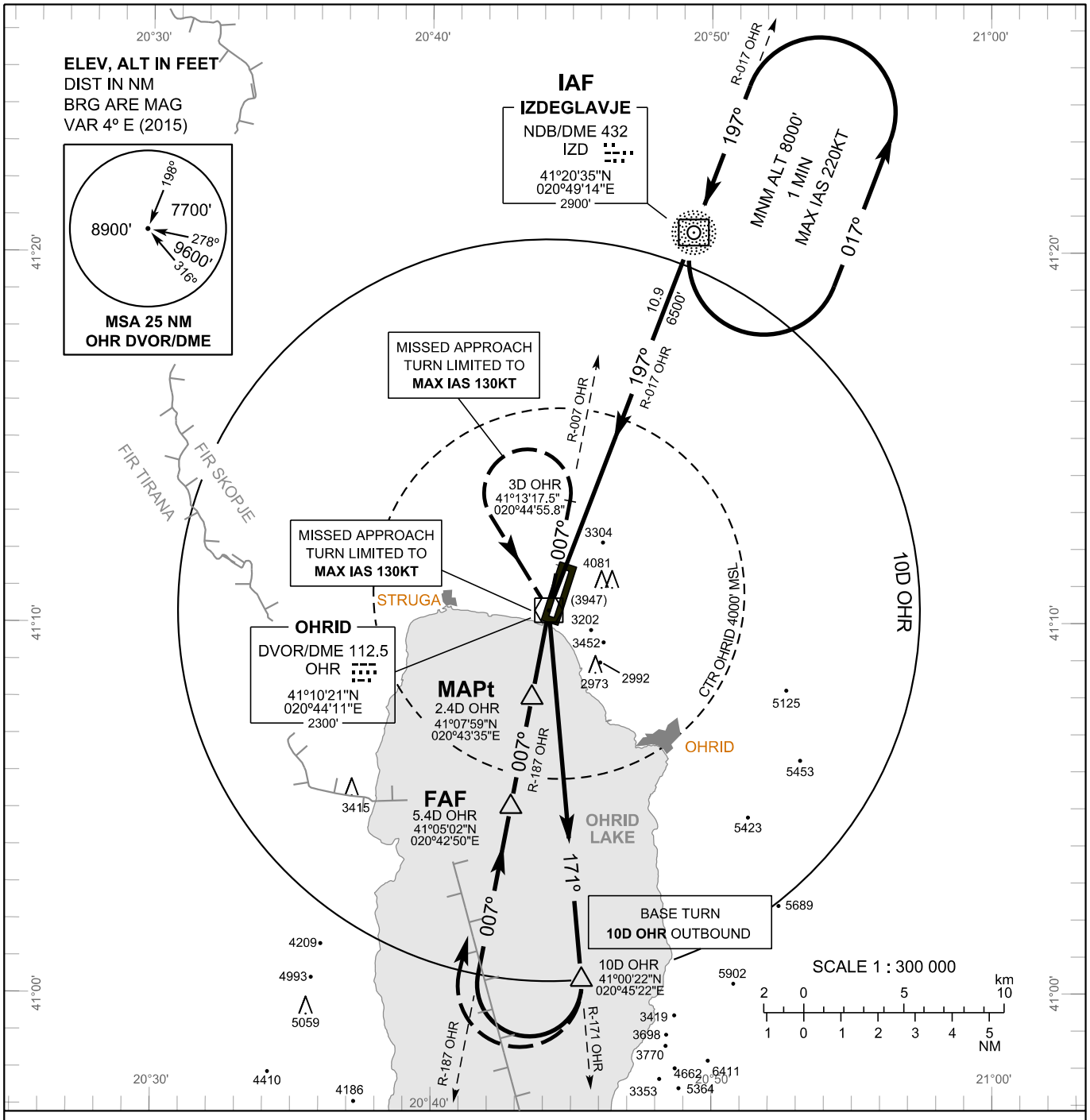
INTENTIONALLY LEFT BLANK

INSTRUMENT APPROACH CHART - ICAO

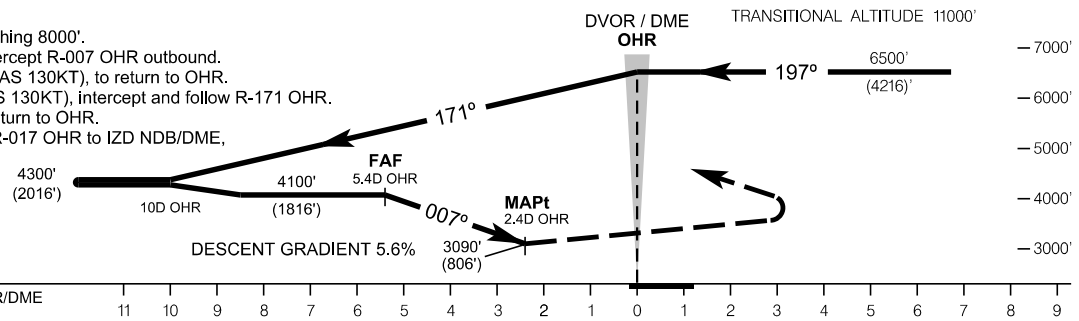
AERODROME ELEV 2296 FT
HEIGHTS RELATED TO
THR RWY 01 ELEV 2284 FT

APP 119.200
TWR 119.200

OHRID / St. Paul the Apostle (LWOH)
VOR RWY 01
(ACFT CAT A, B)



MISSED APPROACH
Continuous climb until reaching 8000'.
Climb straight ahead to intercept R-007 OHR outbound.
At 3D OHR turn left (MAX IAS 130KT), to return to OHR.
At OHR turn right (MAX IAS 130KT), intercept and follow R-171 OHR.
At 10D OHR turn right to return to OHR.
After passing OHR follow R-017 OHR to IZD NDB/DME, climbing to 8000' and hold.



Cat of ACFT	A	B
OCA (OCH)	**3090' (806')**	

Altitude (height) related to descent gradient of 5.6%					
DME OHR	5.4D (FAF)	5D	4D	3D	2.4D (MAPt)
ALT (HGT)	4100' (1816')	3973' (1689')	3633' (1349')	3293' (1009')	3090' (806')

CHANGE: Editorial

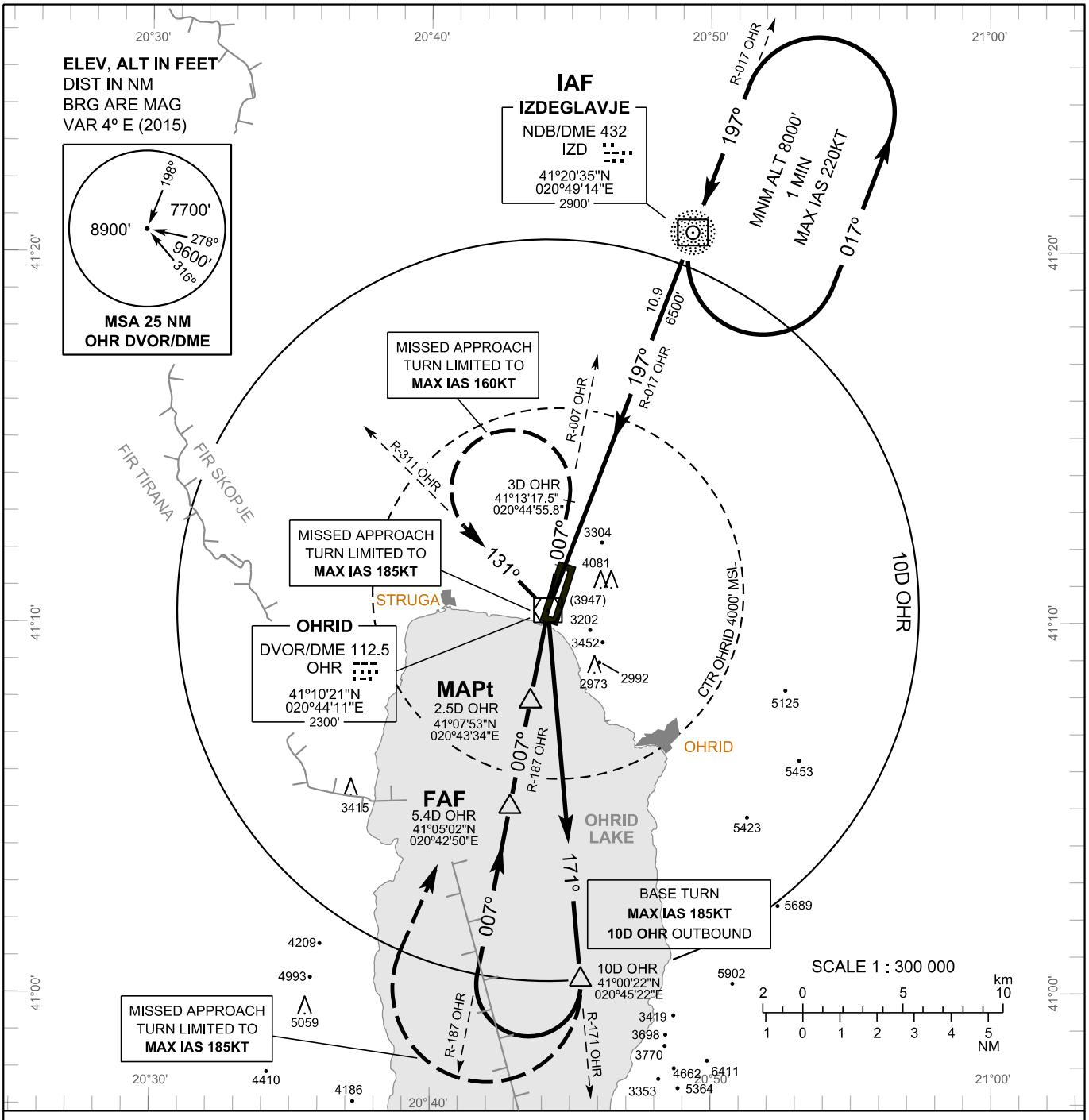
INTENTIONALLY LEFT BLANK

INSTRUMENT APPROACH CHART - ICAO

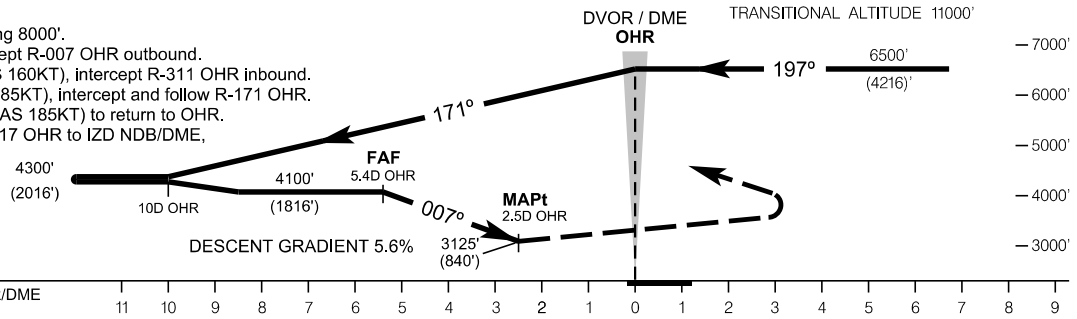
AERODROME ELEV 2296 FT
HEIGHTS RELATED TO
THR RWY 01 ELEV 2284 FT

APP	119.200
TWR	119.200

OHRID / St. Paul the Apostle (LWOH)
VOR RWY 01
(ACFT CAT C)



MISSED APPROACH
Continuous climb until reaching 8000'.
Climb straight ahead to intercept R-007 OHR outbound.
At 3D OHR turn left (MAX IAS 160KT), intercept R-311 OHR inbound.
At OHR turn right (MAX IAS 185KT), intercept and follow R-171 OHR.
At 10D OHR turn right (MAX IAS 185KT) to return to OHR.
After passing OHR follow R-017 OHR to IZD NDB/DME, climbing to 8000' and hold.



Cat of ACFT	C
OCA (OCH)	**3125' (840')**

Altitude (height) related to descent gradient of 5.6%					
DME OHR	5.4D (FAF)	5D	4D	3D	2.5D (MAPt)
ALT (HGT)	4100' (1816')	3973' (1689')	3633' (1349')	3293' (1009')	3125' (840')

CHANGE: Editorial

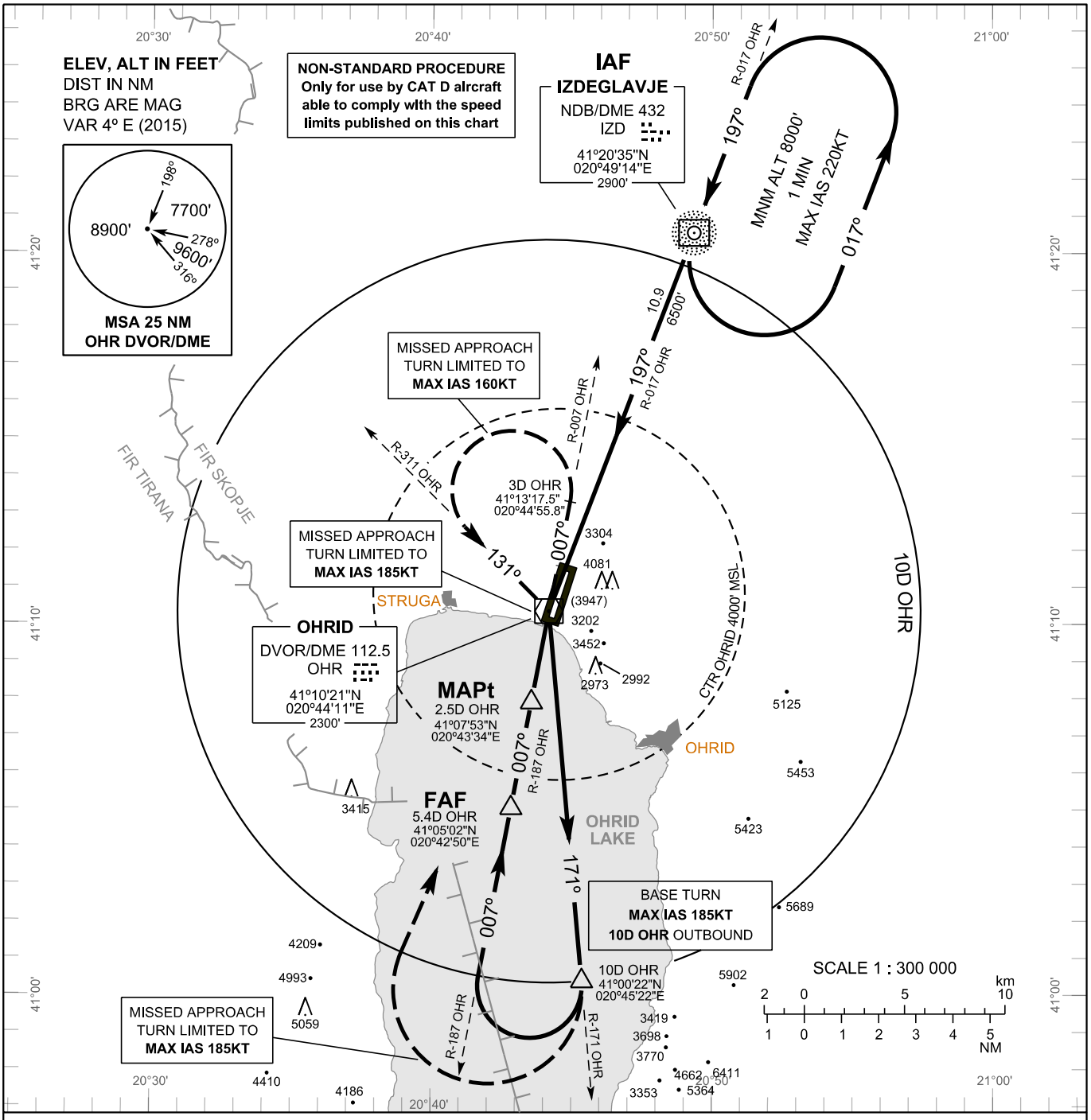
INTENTIONALLY LEFT BLANK

INSTRUMENT APPROACH CHART - ICAO

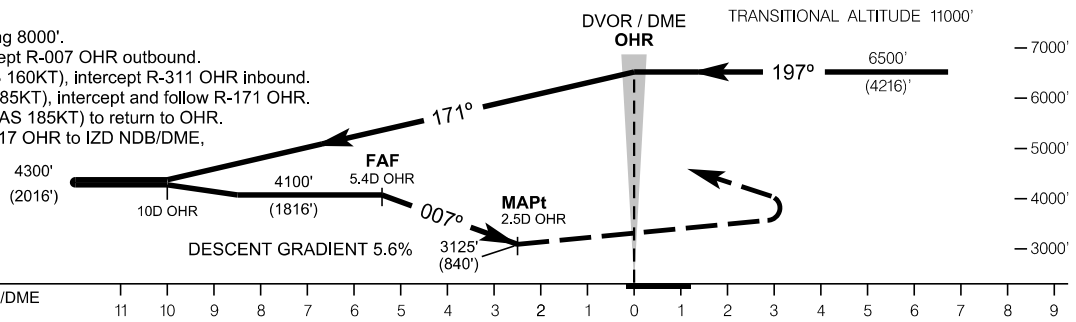
AERODROME ELEV 2296 FT
HEIGHTS RELATED TO
THR RWY 01 ELEV 2284 FT

APP 119.200
TWR 119.200

OHRID / St. Paul the Apostle (LWOH)
VOR RWY 01
(NON-STANDARD ACFT CAT D)



MISSED APPROACH
Continuous climb until reaching 8000'.
Climb straight ahead to intercept R-007 OHR outbound.
At 3D OHR turn left (MAX IAS 160KT), intercept R-311 OHR inbound.
At OHR turn right (MAX IAS 185KT), intercept and follow R-171 OHR.
At 10D OHR turn right (MAX IAS 185KT) to return to OHR.
After passing OHR follow R-017 OHR to IZD NDB/DME, climbing to 8000' and hold.



Cat of ACFT	D
OCA (OCH)	**3125' (840')**

Altitude (height) related to descent gradient of 5.6%					
DME OHR	5.4D (FAF)	5D	4D	3D	2.5D (MAPt)
ALT (HGT)	4100' (1816')	3973' (1689')	3633' (1349')	3293' (1009')	3125' (840')

CHANGE: Editorial

INTENTIONALLY LEFT BLANK

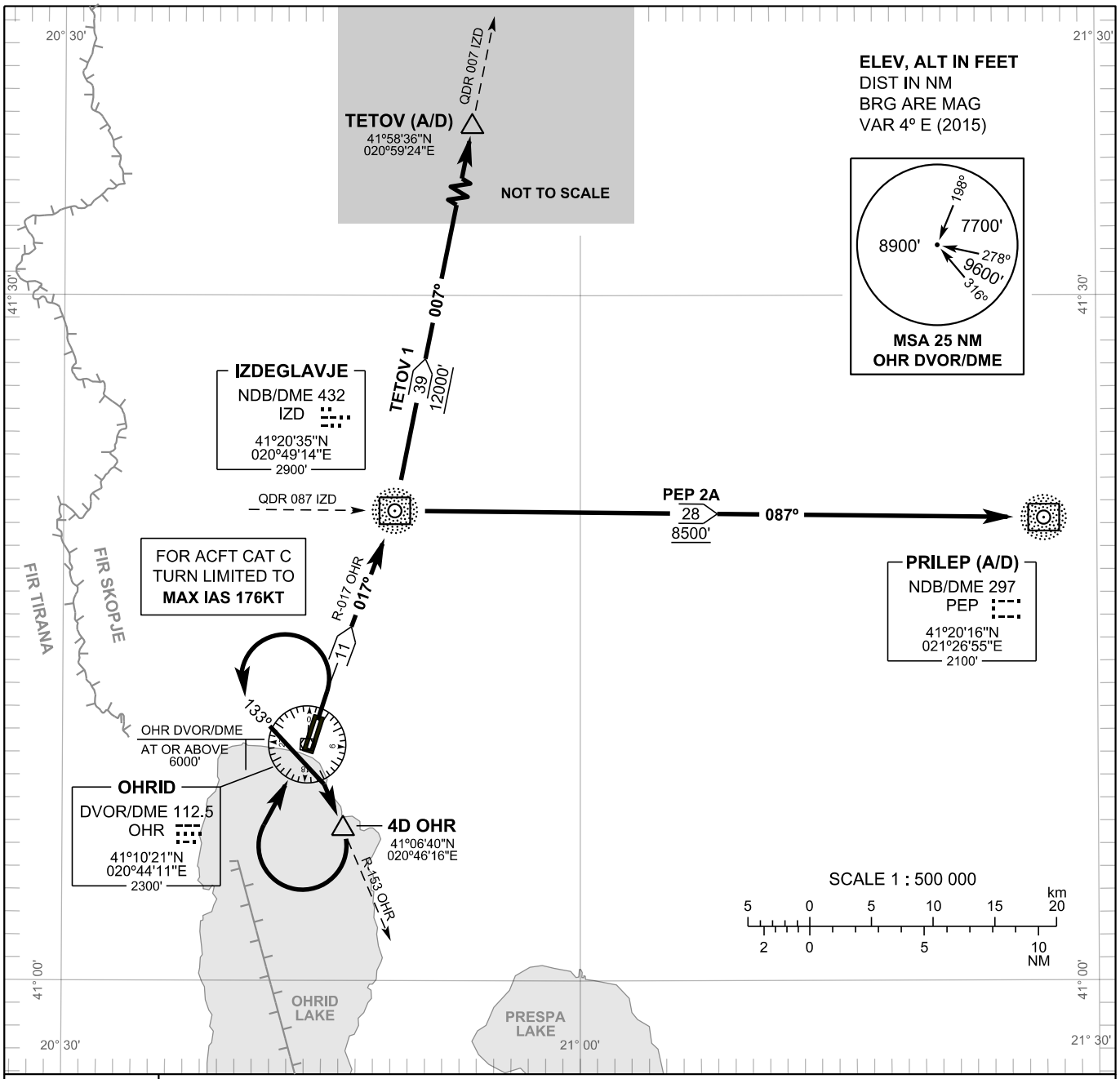
STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
11000'

APP 119.200
TWR 119.200

OHRID / St. Paul the Apostle (LWOH)
RWY 01
ACFT CAT A, B, C

TETOV 1 PEP 2A



PEP 2A	**CLIMB GRADIENT 4.93% (300 ft/NM).** **PEP TWO ALFA DEPARTURE: Climb straight ahead. At 2690 ft turn LEFT 133° heading, intercept R-153 OHR DVOR/DME.** **At 4D OHR turn RIGHT inbound OHR DVOR/DME.** **Cross OHR DVOR/DME at or above 6000 ft.** **Proceed on R-017 OHR to IZD NDB/DME.** **Follow QDR 087° IZD NDB/DME inbound PEP NDB/DME.**
TETOV 1	**CLIMB GRADIENT 4.93% (300 ft/NM).** **TETOV ONE DEPARTURE: Climb straight ahead. At 2690 ft turn LEFT 133° heading, intercept R-153 OHR DVOR/DME.** **At 4D OHR turn RIGHT inbound OHR DVOR/DME.** **Cross OHR DVOR/DME at or above 6000 ft.** **Proceed on R-017 OHR to IZD NDB/DME.** **Follow QDR 007° IZD NDB/DME climbing to TETOV at 12000 ft.**

CHANGE: Editorial

INTENTIONALLY LEFT BLANK

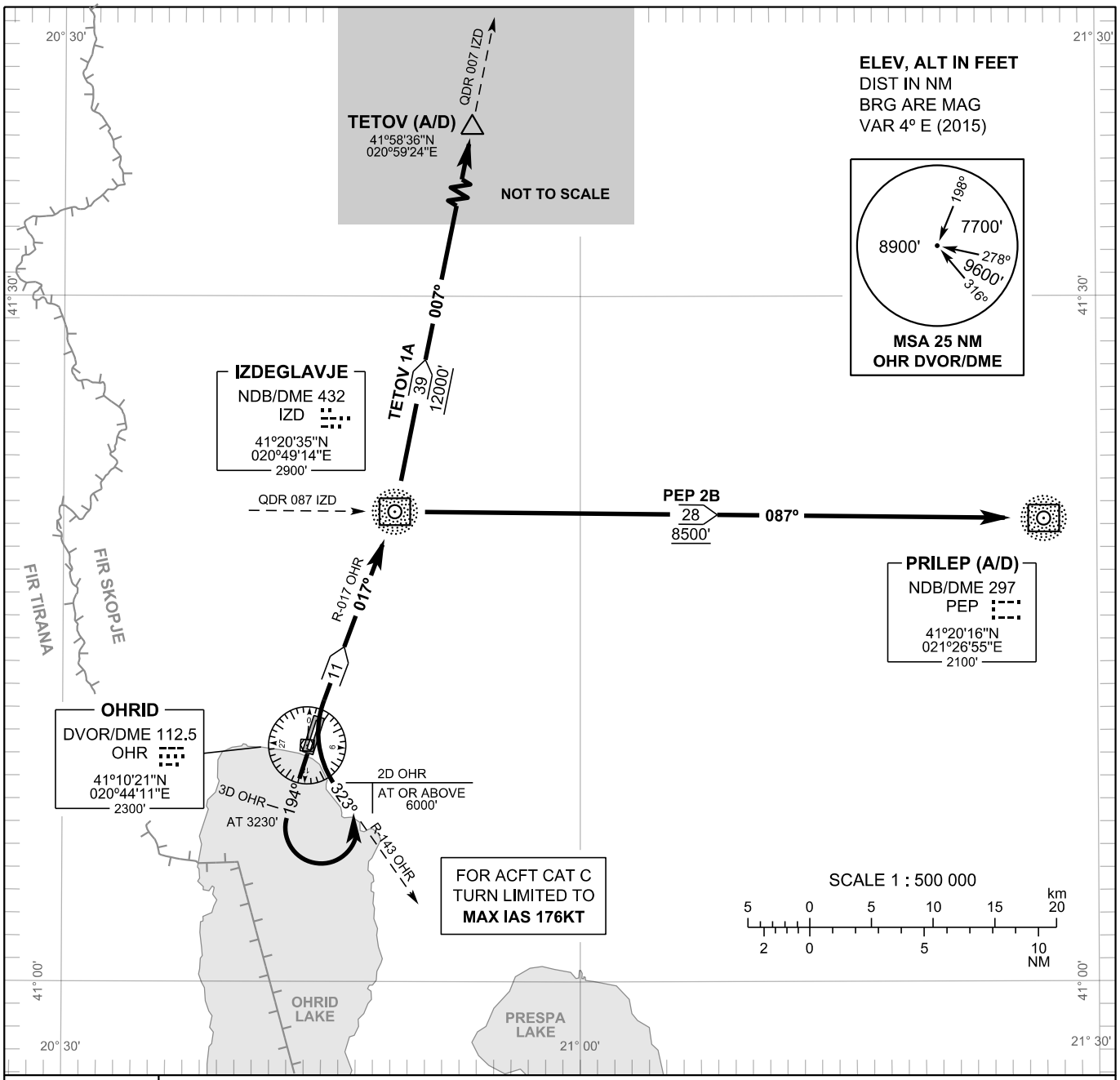
STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
11000'

APP 119.200
TWR 119.200

OHRID / St. Paul the Apostle (LWOH)
RWY 19
ACFT CAT A, B, C

TETOV 1A PEP 2B



PEP 2B	**CLIMB GRADIENT 4.5% (273 ft/NM).** **PEP TWO BRAVO DEPARTURE: Climb straight ahead.** **At 3230 ft, but not before 3D OHR turn LEFT Inbound OHR DVOR/DME.** **Cross 2D OHR at or above 6000 ft, turn RIGHT Inbound IZD NDB/DME.** **Follow QDR 087° IZD NDB/DME inbound PEP NDB/DME.**
TETOV 1A	**CLIMB GRADIENT 4.5% (273 ft/NM).** **TETOV ONE ALFA DEPARTURE: Climb straight ahead.** **At 3230 ft, but not before 3D OHR turn LEFT inbound OHR DVOR/DME.** **Cross 2D OHR at or above 6000 ft, turn RIGHT Inbound IZD NDB/DME.** **Follow QDR 007° IZD NDB/DME climbing to TETOV at 12000 ft.**

CHANGE: Editorial

INTENTIONALLY LEFT BLANK

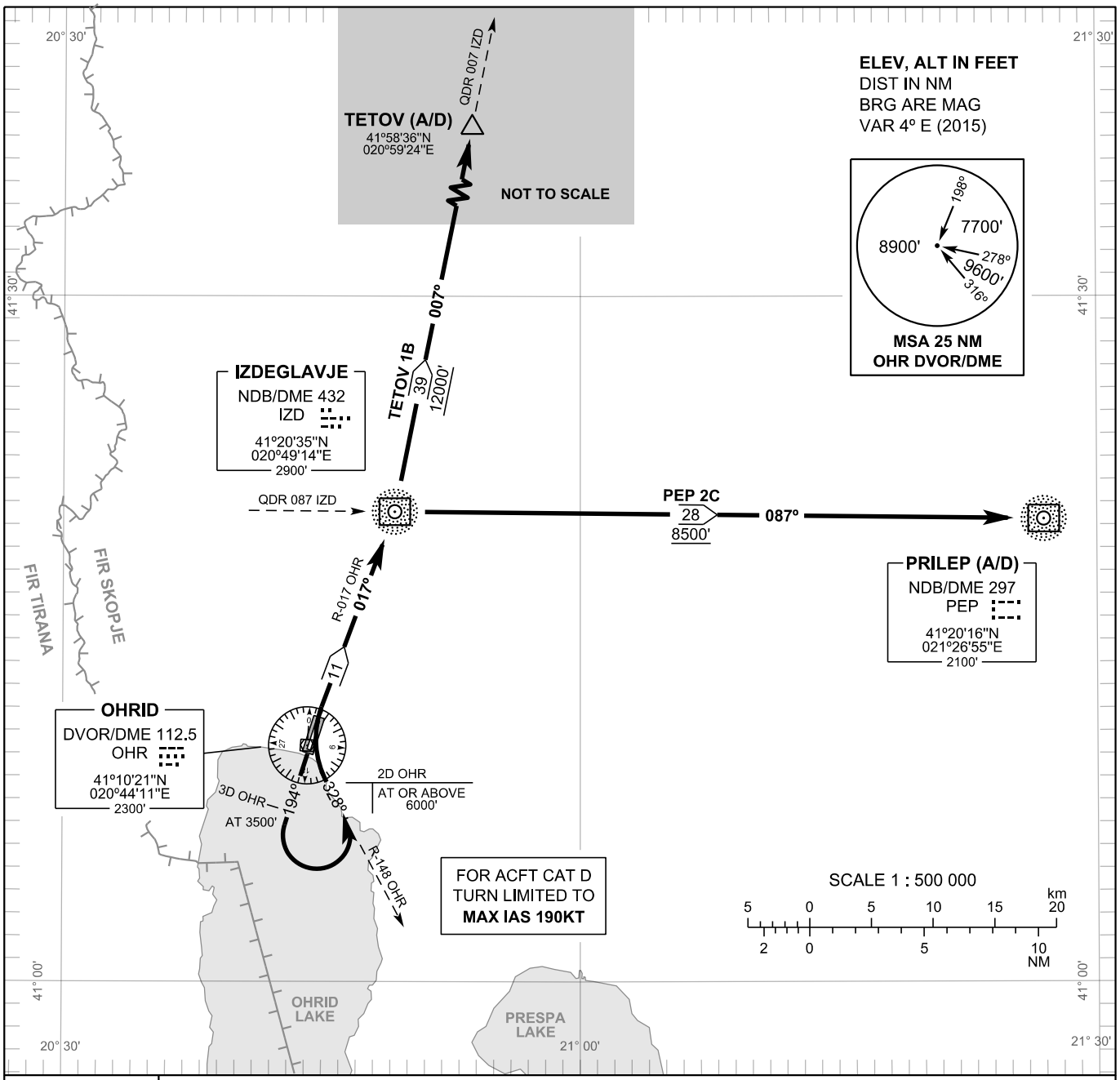
STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
11000'

APP 119.200
TWR 119.200

OHRID / St. Paul the Apostle (LWOH)
RWY 19
ACFT CAT D

TETOV 1B PEP 2C



PEP 2C	**CLIMB GRADIENT 6.2% (377 ft/NM).** **PEP TWO CHARLIE DEPARTURE: Climb straight ahead.** **At 3500 ft, but not before 3D OHR turn LEFT Inbound OHR DVOR/DME.** **Cross 2D OHR at or above 6000 ft, turn RIGHT Inbound IZD NDB/DME.** **Follow QDR 087° IZD NDB/DME inbound PEP NDB/DME.**
TETOV 1B	**CLIMB GRADIENT 6.2% (377 ft/NM).** **TETOV ONE BRAVO DEPARTURE: Climb straight ahead.** **At 3500 ft, but not before 3D OHR turn LEFT inbound OHR DVOR/DME.** **Cross 2D OHR at or above 6000 ft, turn RIGHT Inbound IZD NDB/DME.** **Follow QDR 007° IZD NDB/DME climbing to TETOV at 12000 ft.**

CHANGE: Editorial

INTENTIONALLY LEFT BLANK

AD 2 АЕРОДРОМИ - СКОПЈЕ

AD 2.1 Аеродромски индикатор за место и име

LWSK - МЕЃУНАРОДЕН АЕРОДРОМ СКОПЈЕ

AD 2.2 Аеродромски географски и административни податоци

АП Референтна точка:	41°57’42”N 021°37’17”E
АРТ локација:	На ПСП на пола пат помеѓу Праг 34 и Праг 16
Правец и оддалеченост на АРТ од центарот на градот:	17 км југоисточно
Надморска висина:	238 м
Референтната температура:	35°C , Јули
Геоидна закривеност на позицијата на надморската височина на аеродромот:	
:Магнетна варијација:	4°E (2015)
Аеродром администрација:	ТАВ Македонија ДООЕЛ
Поштенска адреса:	ТАВ Македонија ДООЕЛ Скопје Меѓународен Аеродром Скопје 1043 Петровец Република Северна Македонија
Телефон:	+ + 389 2 3148 300/3148 333
Факс:	++ 389 2 2562 207
SITA:	SKPSCXH / SKPAPXH
Web:	www.airports.com.mk
Тип на дозволен сообраќај:	IFR / VFR
Забелешки:	нема

AD 2.3 Работно време

Аеродромска администрација:24 часа

АИС брифинг канцеларија: 24 часа

ATS канцеларија за известување (ARO):24 часа

MET брифинг канцеларија: 24 часа

Сервис за воздушниот сообраќај :24 часа

Медицинска служба: 24 часа

Царина: 24 часа

AD 2 AERODROMES - SKOPJE

AD 2.1 Aerodrome location indicator and name

LWSK - SKOPJE INTERNATIONAL AIRPORT

AD 2.2 Aerodrome geographical and administrative data

AD Reference point	41°57’42”N 021°37’17”E
ARP site:	On RWY CL, mid-point between THR 34 and THR 16
Direction and distance of ARP from centre of the city:	Southeast 17 km
Elevation:	238 m
AD REF temperature:	35°C JUL
Geoid undulation at the aerodrome elevation position:	
Magnetic variation:	4°E (2015)
Airport Administration	TAV Macedonia DOOEL
Postal Address:	TAV Macedonia DOOEL Skopje International Airport 1043 Petrovec Republic of North Macedonia
Phone:	++ 389 2 3148 300/3148 333
Fax:	++ 389 2 2562 207
SITA:	SKPSCXH / SKPAPXH
Web:	www.airports.com.mk
Type of traffic permitted:	IFR/VFR
Remarks:	NIL

AD 2.3 Operational hours

Aerodrome administration	H24
AIS briefing office	H24
ATS reporting office (ARO)	H24
MET briefing office	H24
Air traffic service	H24
Medical service:	H24
Customs control:	H24

AD 2.4 Хендлинг служби и опрема

Карго-прифат и отпрема, објекти: Сите стандардни објекти за прифат и отпрема на воздухоплови се на располагање.
Вилушкар до 2,5 т.;
Доли 60,4 "x 61,5";
Магацински простор 2500m^2;
Фито-санитарен простор 500m^2

Гориво градации: JET -A1, 100LL

Масло градации: нема

Објекти за полнење гориво и ограничувања:
Објекти за полнење гориво:
JET A-1
1 цистерна за гориво со капацитет од 45,000 л.;
2 цистерни за гориво со капацитет од 25,000 л.;
1 цистерна за точење на млазно гориво со капацитет од 20,000 л.

100ЛЛ, резервоар за гориво со капацитет од 50,000 л.
Ограничувања:
Нема

Опрема за одмрзнување:
Флуид против замрзнување Тип II флуид 100 - топол и ладен
Флуид против замрзнување Тип II флуид /50% - топол
Флуид против замрзнување Тип II флуид /75% - топол
Флуид против замрзнување Тип II флуид /25% - топол
Вода - врела

Хангарски простор за воздухоплови: нема

Редовно достапни капацитети за поправка: нема

Магацини

Увоз: 1000m^2

Извоз: 1000m^2

Разладна комора: увоз 19m^2 од -5°C до +5°C и 12m^2 до -18°C;
извоз 18m^2 од -5°C до +5°C и 24m^2 до -18°C

Магацини за складирање на специјално Карго

Магацин бр. 1 за прифаќање и чување на специјално карго од Класа 2, Класа 3 и Класа 4 со димензија 2,70 x 3,35 м

Магацин бр. 2 за прифаќање и чување на специјално карго од Класа 1, Класа 8 и Класа 9 со димензија 1,60 x 3,35 м

AD 2.4 Handling services and facilities

Cargo-handling facilities: All standard aircraft handling facilites available.
Fork lift up to 2.5 t.
Dolly 60.4” x 61.5”.
Warehouse 2500m^2
Phyto-sanitary facilities 500m^2

Fuel grades: JET - A1
100LL

Oil Grades: nil

Refuelling facilities and limitations:
Refuelling facilities:
JET A-1
1 fuel truck capacity 45000L
2 fuel truck capacity 25000L
1 fuel truck for pumping jet fuel capacity 20 000L

100LL
fuel tank capacity 50000L

Limitations: NIL

De-icing facilities:
Anti-icing Type II Fluid/100 -hot and cold-
Anti-icing Type II Fluid/50% -hot-
Anti-icing Type II Fluid/75% -hot-
Anti-icing Type II Fluid/25% -hot-
Water - hot

Hanger space for visiting aircraft: nil

Repair facilities normaly available: nil

Storage - Warehouses

Import: 1000m^2

Export: 1000m^2

Cold room: Import: 19m^2 between -5^{o}C and 5^{o}C and 12m^2 up to -18^{o}C
Export: 18m^2 between -5°C and 5°C and 24m^2 up to -18°C

Storage - Warehouses for special cargo

Storage nr. 1 for acceptance and storage of special cargo Class 2, Class 3 and Class 4 - dimension 2.70 x 3.35 m.

Storage nr. 2 for acceptance and storage of special cargo Class 1, Class 8 and Class 9 - dimension 1.60 x 3.35 m.

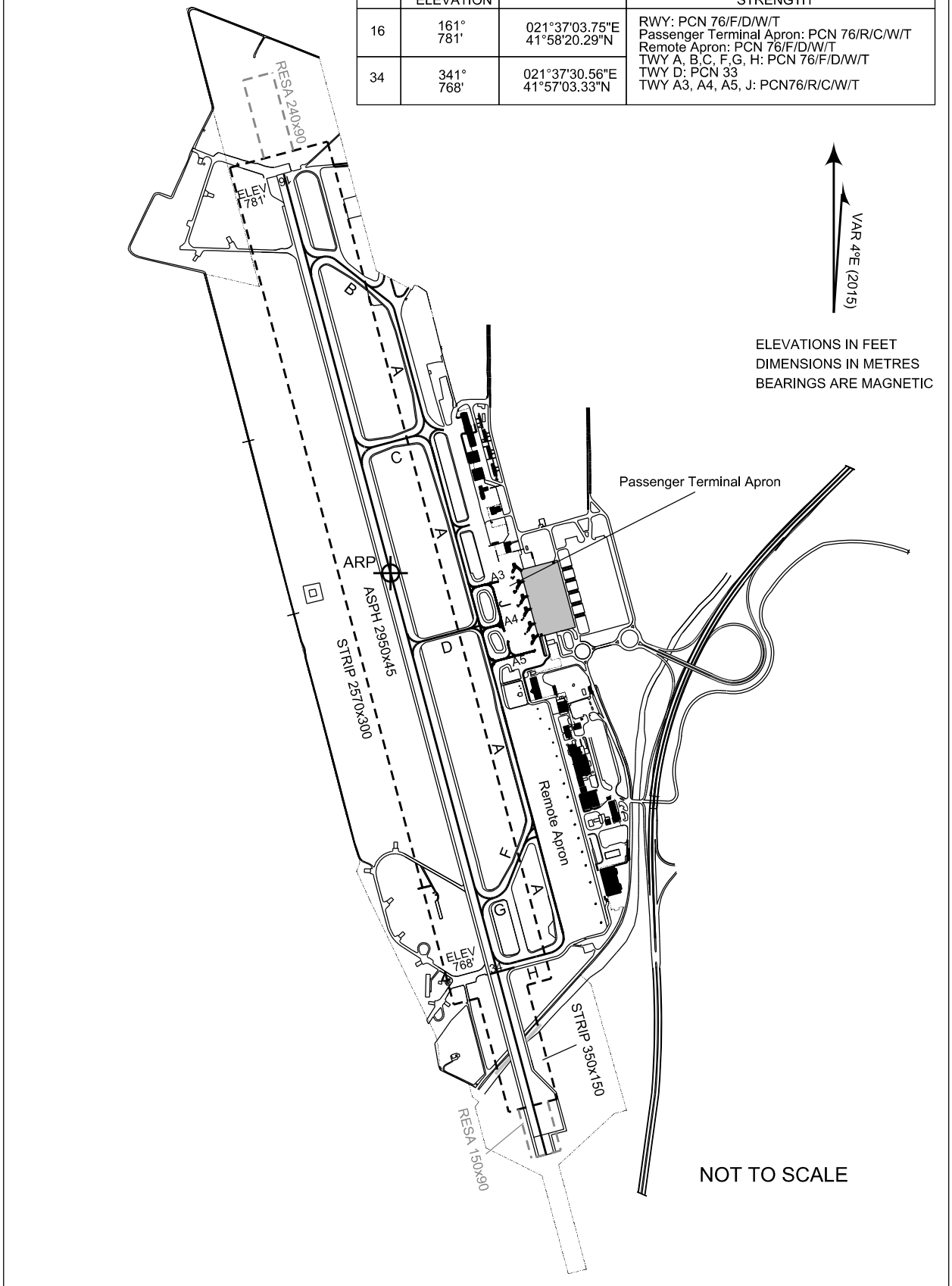
AERODROME CHART ICAO

021°37'17.16"E
41°57'41.81"N
Elev 781'

TWR 118.5
APRON 118.5

SKOPJE/SKOPJE Intl (LWSK)

RWY	DIRECTION ELEVATION	THR	BEARING STRENGTH
16	161° 781'	021°37'03.75"E 41°58'20.29"N	RWY: PCN 76/F/D/W/T Passenger Terminal Apron: PCN 76/R/C/W/T Remote Apron: PCN 76/F/D/W/T TWY A, B,C, F,G, H: PCN 76/F/D/W/T TWY D: PCN 33 TWY A3, A4, A5, J: PCN76/R/C/W/T
34	341° 768'	021°37'30.56"E 41°57'03.33"N	



CHANGE: Editorial

INTENTIONALLY LEFT BLANK

AIRCRAFT PARKING/DOCKING CHART - ICAO

AD Elevation 238m
ARP COORDINATES
41°57'41.81"N
021°37'17.16"E

TWR 118.500
APRON 118.500

SKOPJE/SKOPJE Intl (LWSK)

PSN	PSN FOR
201	code E
202-206	code C
1	code C
2	code E
3	code D
4-14	code C
15-16	code B

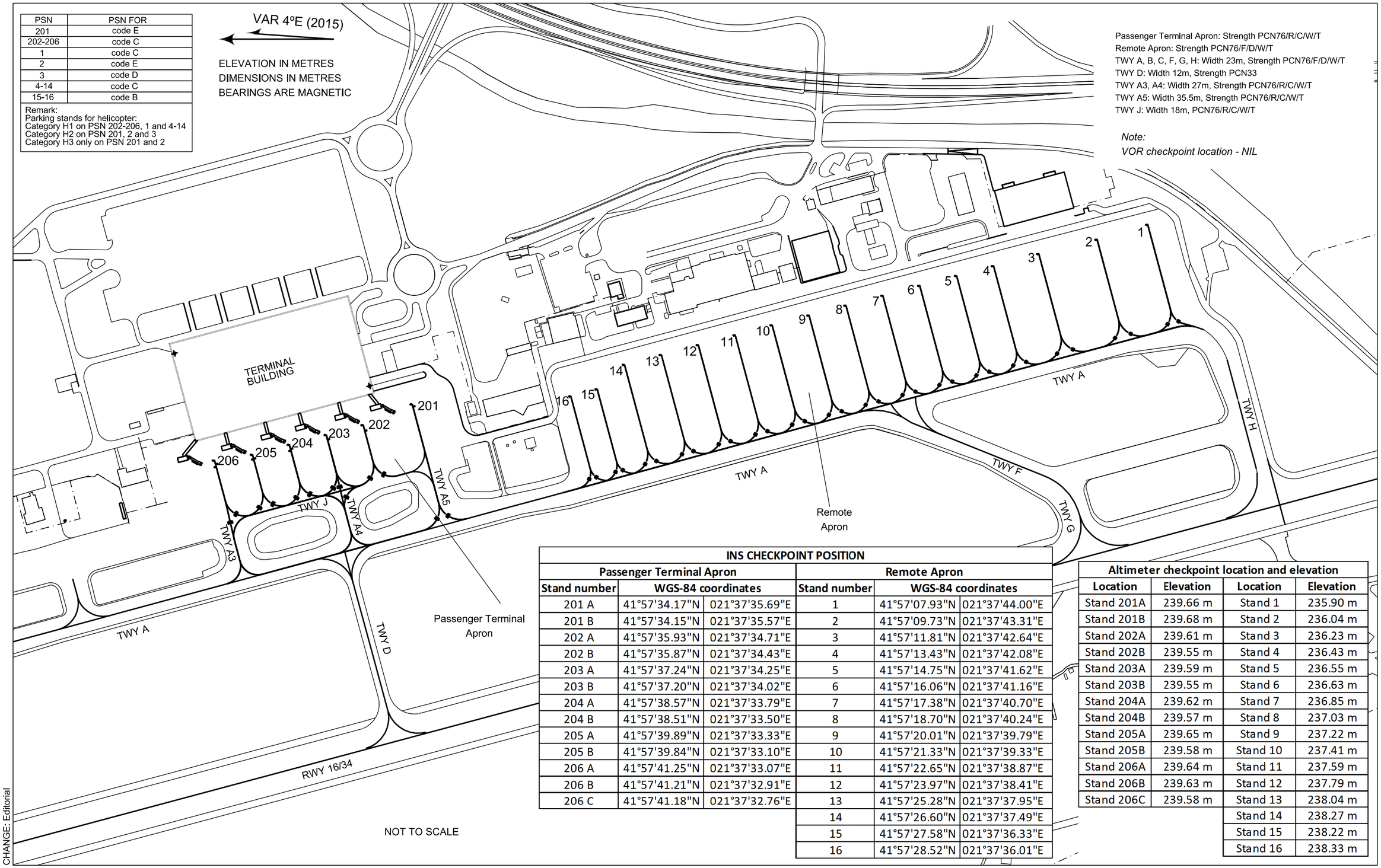
Remark:
Parking stands for helicopter:
Category H1 on PSN 202-206, 1 and 4-14
Category H2 on PSN 201, 2 and 3
Category H3 only on PSN 201 and 2

VAR 4ºE (2015)

ELEVATION IN METRES
DIMENSIONS IN METRES
BEARINGS ARE MAGNETIC

Passenger Terminal Apron: Strength PCN76/R/C/W/T
Remote Apron: Strength PCN76/F/D/W/T
TWY A, B, C, F, G, H: Width 23m, Strength PCN76/F/D/W/T
TWY D: Width 12m, Strength PCN33
TWY A3, A4: Width 27m, Strength PCN76/R/C/W/T
TWY A5: Width 35.5m, Strength PCN76/R/C/W/T
TWY J: Width 18m, PCN76/R/C/W/T

Note:
VOR checkpoint location - NIL



NOT TO SCALE

INS CHECKPOINT POSITION

Passenger Terminal Apron			Remote Apron		
Stand number	WGS-84 coordinates		Stand number	WGS-84 coordinates	
201 A	41°57'34.17"N	021°37'35.69"E	1	41°57'07.93"N	021°37'44.00"E
201 B	41°57'34.15"N	021°37'35.57"E	2	41°57'09.73"N	021°37'43.31"E
202 A	41°57'35.93"N	021°37'34.71"E	3	41°57'11.81"N	021°37'42.64"E
202 B	41°57'35.87"N	021°37'34.43"E	4	41°57'13.43"N	021°37'42.08"E
203 A	41°57'37.24"N	021°37'34.25"E	5	41°57'14.75"N	021°37'41.62"E
203 B	41°57'37.20"N	021°37'34.02"E	6	41°57'16.06"N	021°37'41.16"E
204 A	41°57'38.57"N	021°37'33.79"E	7	41°57'17.38"N	021°37'40.70"E
204 B	41°57'38.51"N	021°37'33.50"E	8	41°57'18.70"N	021°37'40.24"E
205 A	41°57'39.89"N	021°37'33.33"E	9	41°57'20.01"N	021°37'39.79"E
205 B	41°57'39.84"N	021°37'33.10"E	10	41°57'21.33"N	021°37'39.33"E
206 A	41°57'41.25"N	021°37'33.07"E	11	41°57'22.65"N	021°37'38.87"E
206 B	41°57'41.21"N	021°37'32.91"E	12	41°57'23.97"N	021°37'38.41"E
206 C	41°57'41.18"N	021°37'32.76"E	13	41°57'25.28"N	021°37'37.95"E
			14	41°57'26.60"N	021°37'37.49"E
			15	41°57'27.58"N	021°37'36.33"E
			16	41°57'28.52"N	021°37'36.01"E

Altimeter checkpoint location and elevation

Location	Elevation	Location	Elevation
Stand 201A	239.66 m	Stand 1	235.90 m
Stand 201B	239.68 m	Stand 2	236.04 m
Stand 202A	239.61 m	Stand 3	236.23 m
Stand 202B	239.55 m	Stand 4	236.43 m
Stand 203A	239.59 m	Stand 5	236.55 m
Stand 203B	239.55 m	Stand 6	236.63 m
Stand 204A	239.62 m	Stand 7	236.85 m
Stand 204B	239.57 m	Stand 8	237.03 m
Stand 205A	239.65 m	Stand 9	237.22 m
Stand 205B	239.58 m	Stand 10	237.41 m
Stand 206A	239.64 m	Stand 11	237.59 m
Stand 206B	239.63 m	Stand 12	237.79 m
Stand 206C	239.58 m	Stand 13	238.04 m
		Stand 14	238.27 m
		Stand 15	238.22 m
		Stand 16	238.33 m

CHANGE: Editorial

INTENTIONALLY LEFT BLANK

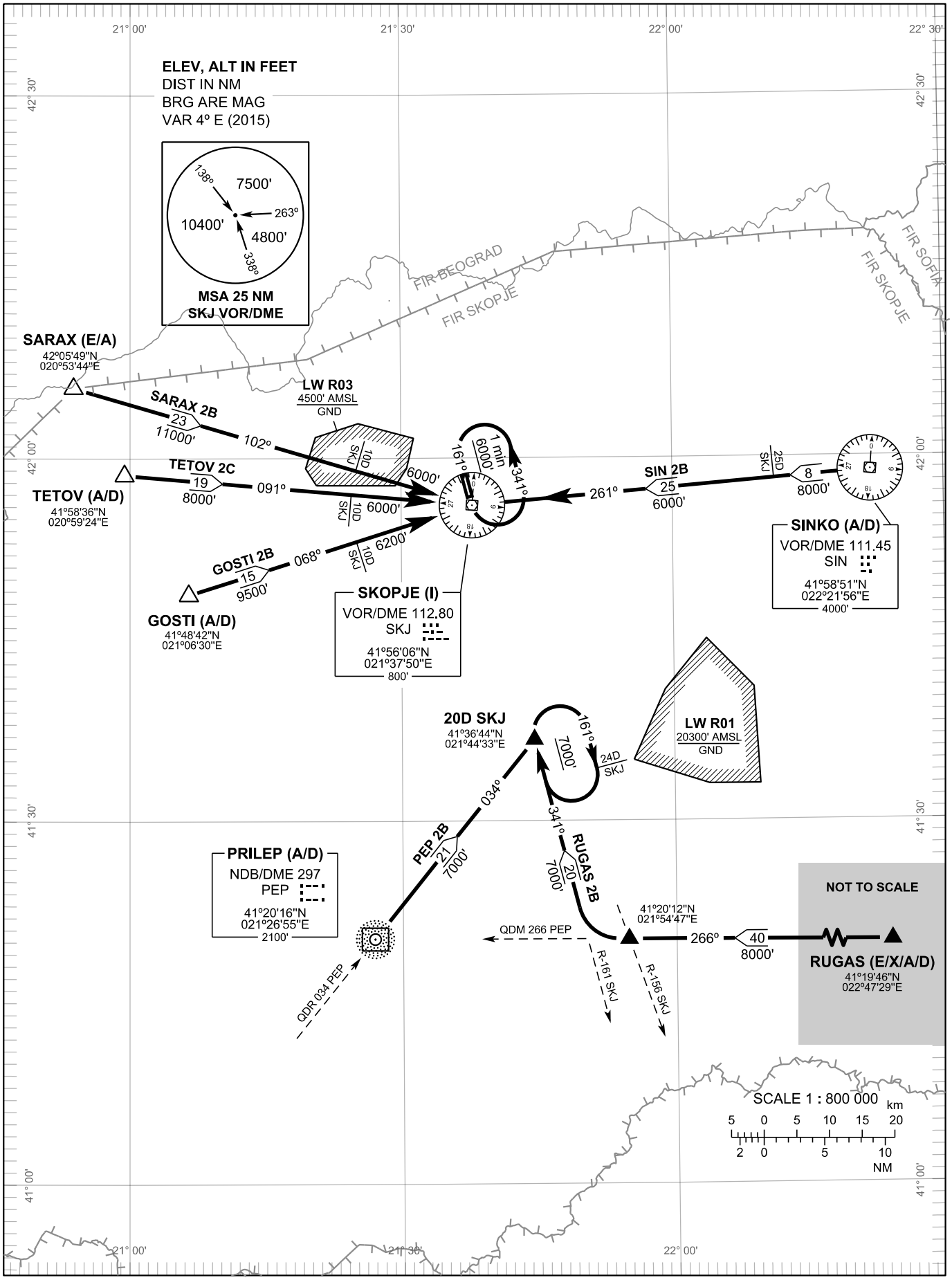
STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
11000'

TWR	118.500
APP	120.300
RADAR	120.300

SKOPJE / SKOPJE Intl (LWSK) RWY 34

GOSTI 2B SARAX 2B PEP 2B SIN 2B RUGAS 2B TETOV 2C



CHANGE: Editorial

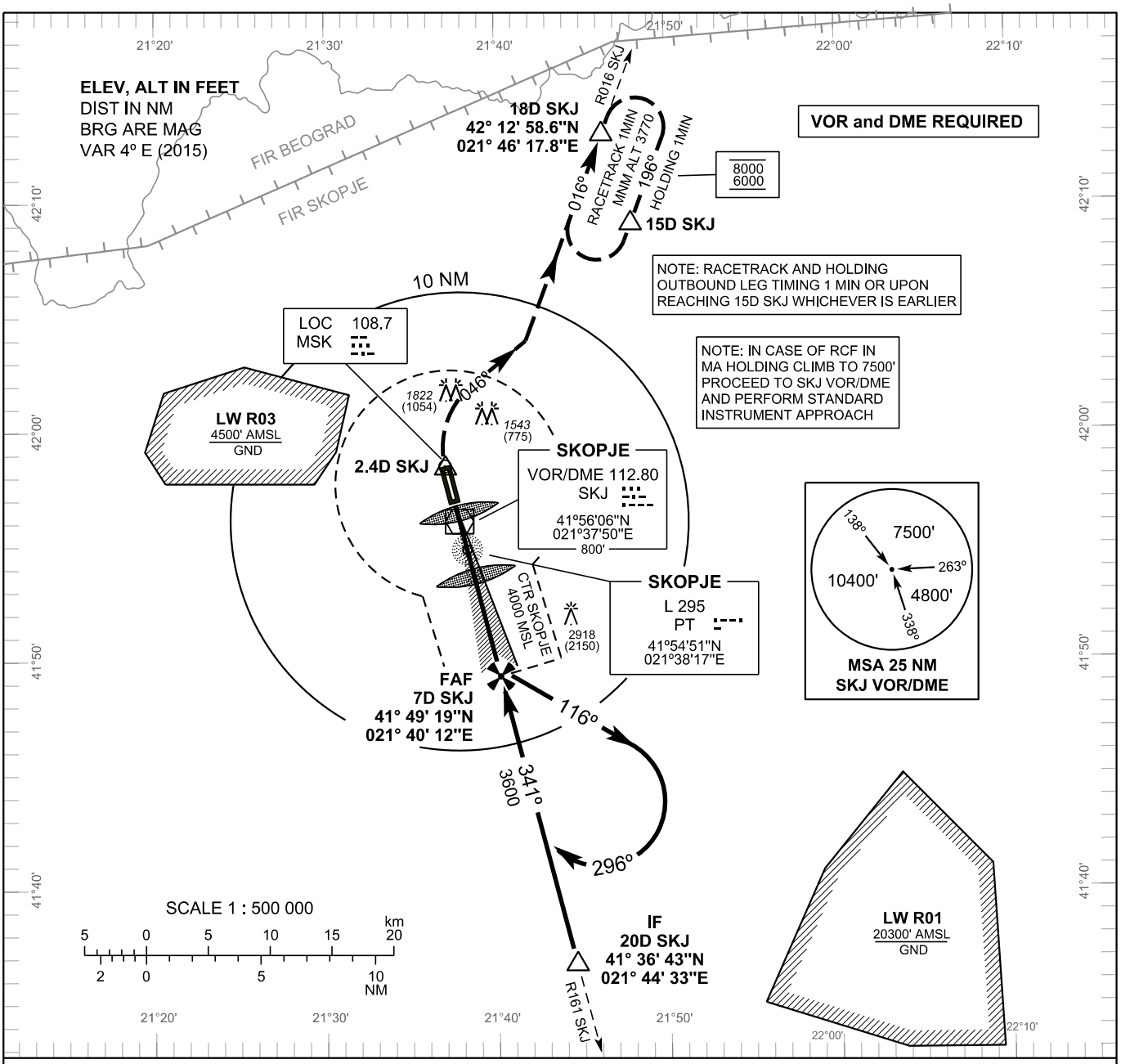
INTENTIONALLY LEFT BLANK

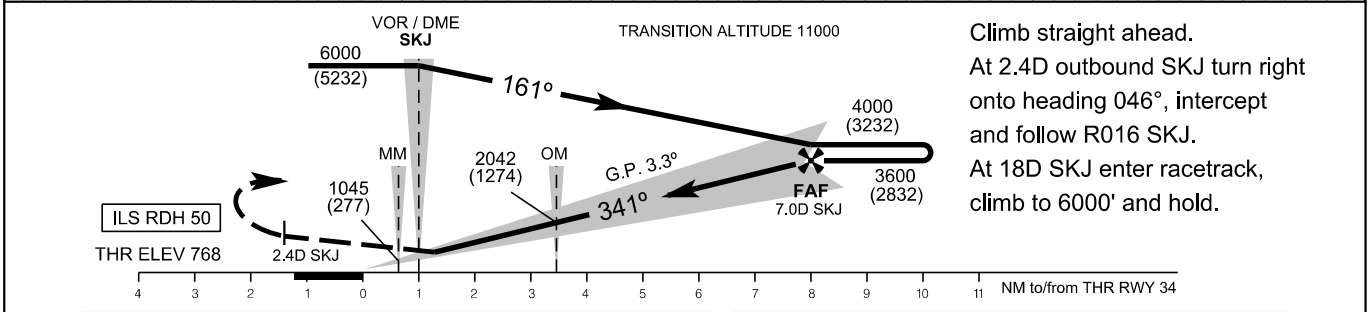
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 781 FT
HEIGHTS RELATED TO
THR RWY 34 ELEV 768 FT

TWR	118.500
APP	120.300
RADAR	120.300

SKOPJE / SKOPJE Intl (LWSK)
ILS RWY 34
(ACFT CAT A, B)





Climb straight ahead.
At 2.4D outbound SKJ turn right onto heading 046°, intercept and follow R016 SKJ.
At 18D SKJ enter racetrack, climb to 6000' and hold.

OCA (OCH) in FT	ILS CAT I PRESSURE ALTIMETER SETTING			
MA Climb Gradient	2.5%	3.0%	4.0%	5.0%
A	1367 (599)	1267 (499)	1097 (329)	968 (200)
B	1377 (609)	1277 (509)	1107 (339)	972 (204)

CIRCLING OCA (OCH) in FT	A	B
	1400 (632)	1900 (1132)

ALTITUDE (HEIGHT) RELATED TO DESCENT GRADIENT OF 5.76% ACCORDING TO VOR/DME SKJ							
DIST	7D	6D	5D	4D	3D	2D	1D
ALT (HGT)	3600 (2832)	3250 (2482)	2900 (2132)	2550 (1782)	2200 (1432)	1850 (1082)	1500 (732)

NOTE: CIRCLING NIGHT N/A

CHANGE: Editorial

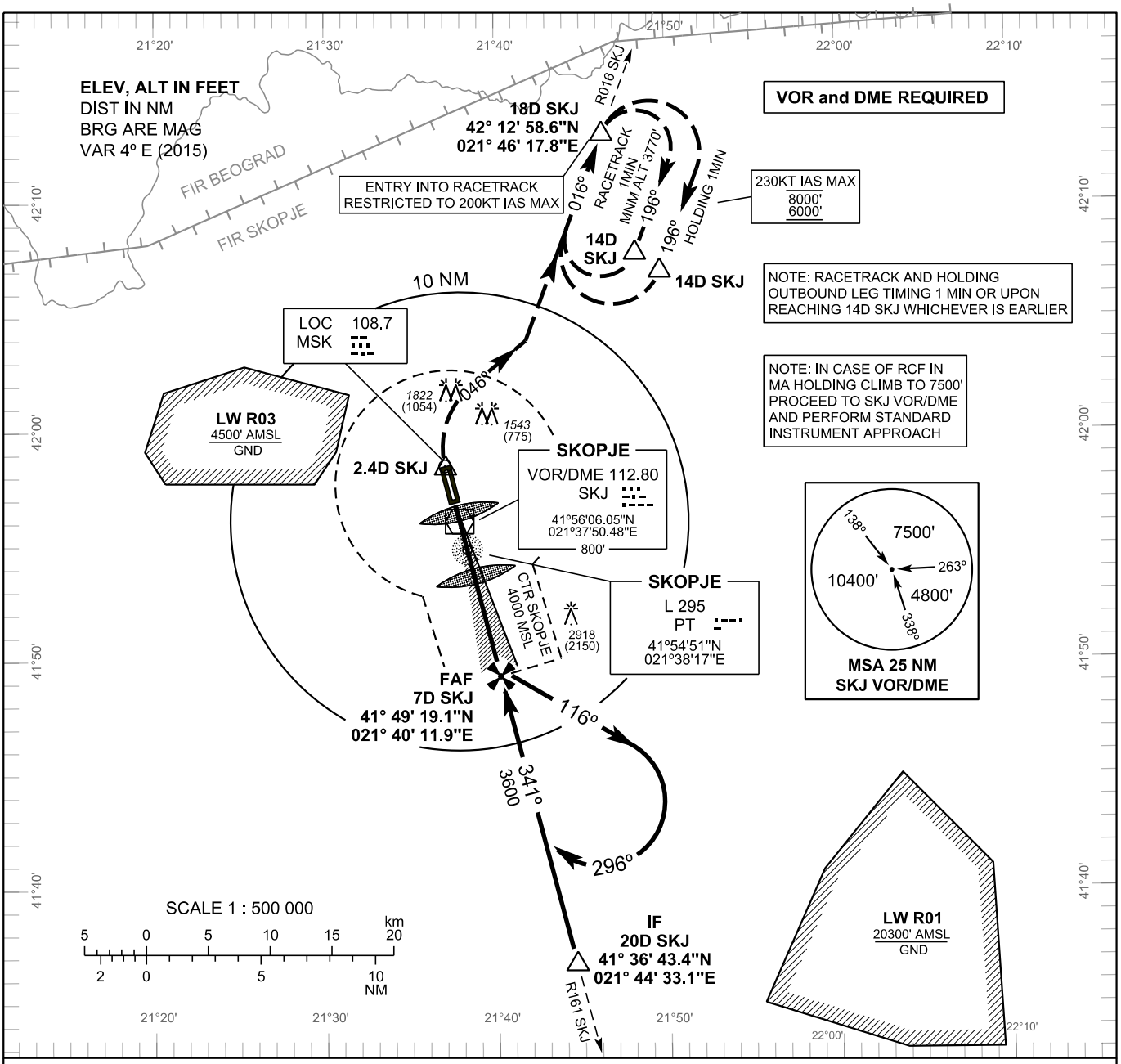
INTENTIONALLY LEFT BLANK

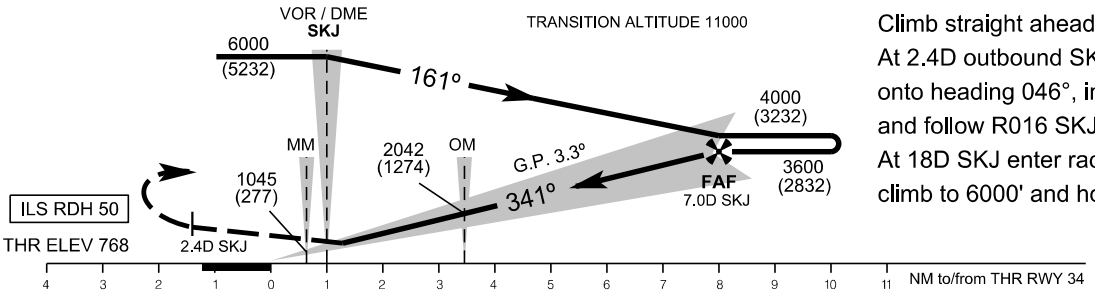
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 781 FT
HEIGHTS RELATED TO
THR RWY 34 ELEV 768 FT

TWR	118.500
APP	120.300
RADAR	120.300

SKOPJE / SKOPJE Intl (LWSK)
ILS RWY 34
(ACFT CAT C, D)





Climb straight ahead.
At 2.4D outbound SKJ turn right onto heading 046°, intercept and follow R016 SKJ.
At 18D SKJ enter racetrack, climb to 6000' and hold.

OCA (OCH) in FT	ILS CAT I PRESSURE ALTIMETER SETTING			
MA Climb Gradient	2.5%	3.0%	4.0%	5.0%
C	1388 (620)	1288 (520)	1118 (350)	982 (214)
D	1398 (630)	1298 (530)	1128 (360)	992 (224)

CIRCLING OCA (OCH) in FT	C	D
	2200 (1432)	3000 (2232)

ALTITUDE (HEIGHT) RELATED TO DESCENT GRADIENT OF 5.76% ACCORDING TO VOR/DME SKJ							
DIST	7D	6D	5D	4D	3D	2D	1D
ALT (HGT)	3600 (2832)	3250 (2482)	2900 (2132)	2550 (1782)	2200 (1432)	1850 (1082)	1500 (732)

NOTE: CIRCLING NIGHT N/A

CHANGE: Editorial

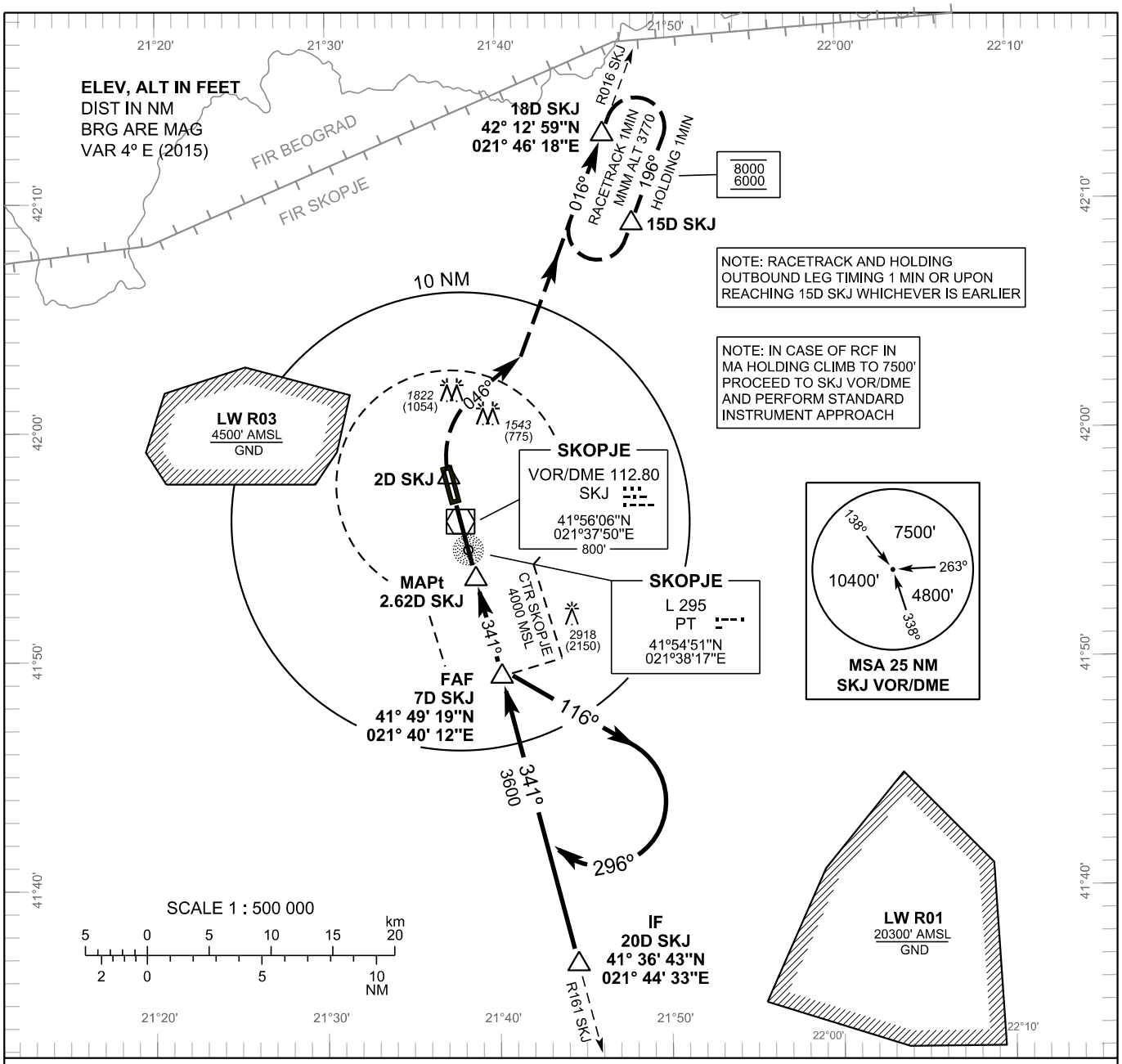
INTENTIONALLY LEFT BLANK

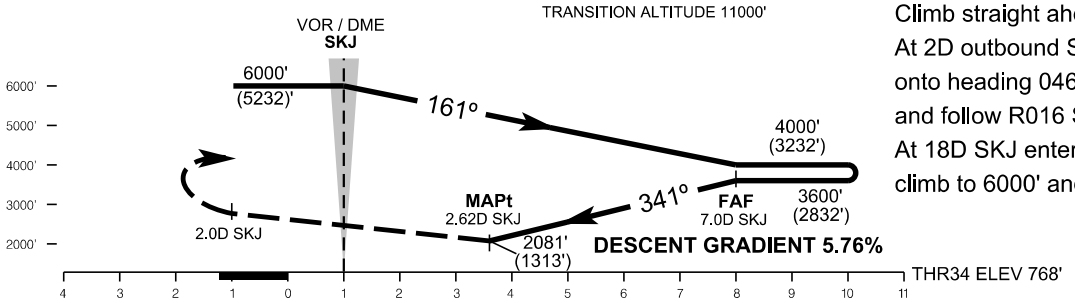
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 781 FT
HEIGHTS RELATED TO
THR RWY 34 ELEV 768 FT

TWR	118.500
APP	120.300
RADAR	120.300

SKOPJE / SKOPJE Intl (LWSK)
VOR RWY 34
(ACFT CAT A, B)





Climb straight ahead.
At 2D outbound SKJ turn right onto heading 046°, intercept and follow R016 SKJ.
At 18D SKJ enter racetrack, climb to 6000' and hold.

	CATEGORY ACFT	
	A	B
OCA/H	2081' (1313')	

ALTITUDE (HEIGHT) RELATED TO DESCENT GRADIENT OF 5.76% ACCORDING TO VOR/DME SKJ							
DIST	7D	6D	5D	4D	3D	2D	1D
ALT (HGT)	3600' (2832')	3250' (2482')	2900' (2132')	2550' (1782')	2200' (1432')	1850' (1082')	1500' (732')

CHANGE: Editorial

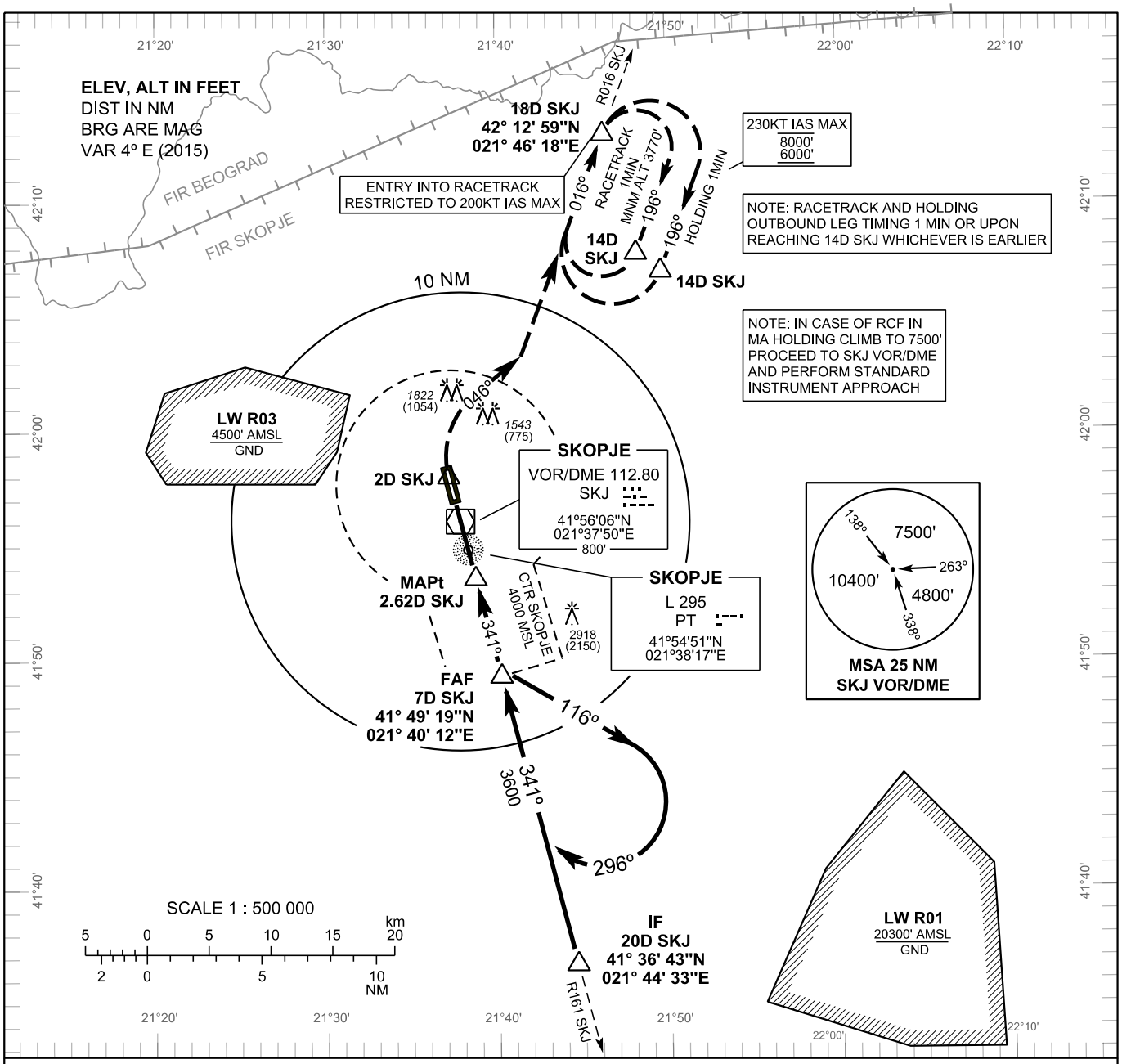
INTENTIONALLY LEFT BLANK

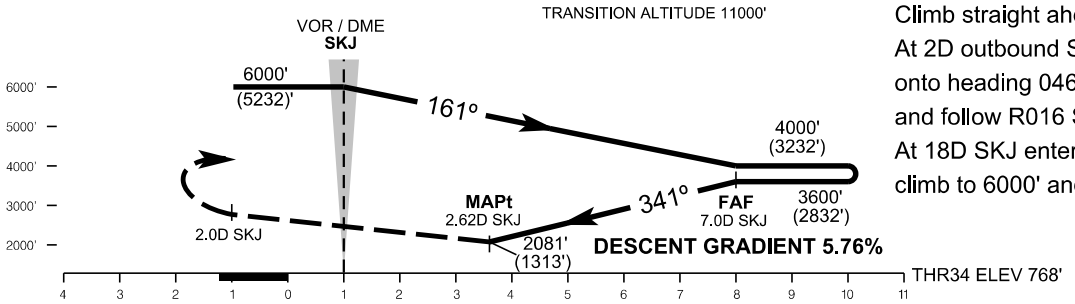
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 781 FT
HEIGHTS RELATED TO
THR RWY 34 ELEV 768 FT

TWR	118.500
APP	120.300
RADAR	120.300

SKOPJE / SKOPJE Intl (LWSK)
VOR RWY 34
(ACFT CAT C, D)





Climb straight ahead.
At 2D outbound SKJ turn right onto heading 046°, intercept and follow R016 SKJ.
At 18D SKJ enter racetrack, climb to 6000' and hold.

	CATEGORY ACFT	
	C	D
OCA/H	2081' (1313')	

ALTITUDE (HEIGHT) RELATED TO DESCENT GRADIENT OF 5.76% ACCORDING TO VOR/DME SKJ

DIST	7D	6D	5D	4D	3D	2D	1D
ALT (HGT)	3600' (2832')	3250' (2482')	2900' (2132')	2550' (1782')	2200' (1432')	1850' (1082')	1500' (732')

CHANGE: Editorial

INTENTIONALLY LEFT BLANK

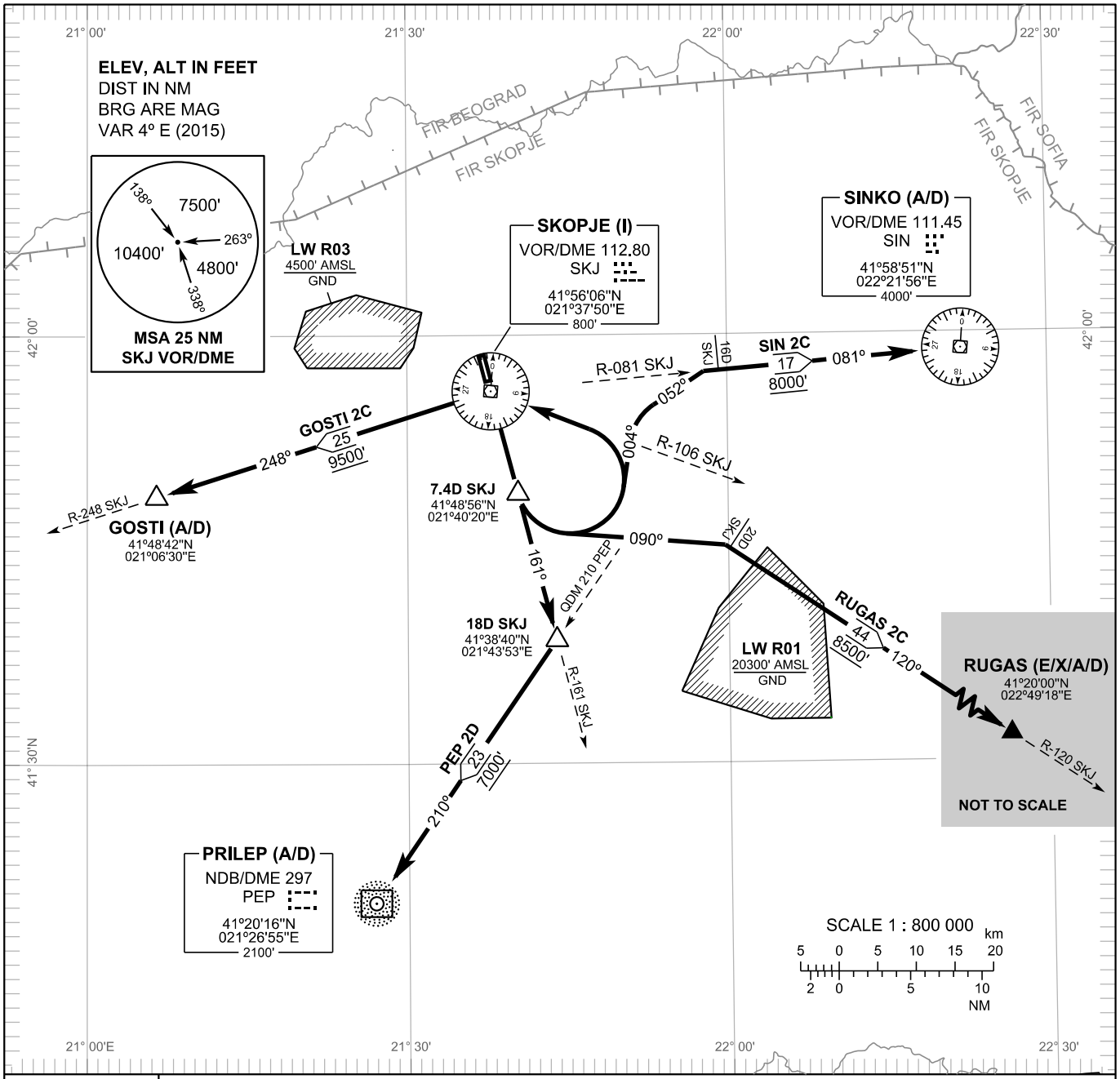
STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
11000'

TWR	118.500
APP	120.300
RADAR	120.300

SKOPJE / SKOPJE Intl (LWSK) RWY 16

GOSTI 2C PEP 2D
RUGAS 2C SIN 2C



GOSTI 2C	**CLIMB GRADIENT 3.9% (237 ft/NM) UNTIL REACHING 2800 ft.** **GOSTI TWO CHARLIE DEPARTURE: Climb straight ahead. At 7.4D SKJ turn LEFT inbound SKJ VOR/DME.** **At SKJ VOR/DME turn LEFT, intercept and follow R-248 SKJ climbing to GOSTI INT.**
PEP 2D	**CLIMB GRADIENT 3.9% (237 ft/NM) UNTIL REACHING 2800 ft.** **PEP TWO DELTA DEPARTURE: Climb straight ahead. At 18D SKJ turn RIGHT proceed onto QDM 210 PEP climbing to PEP NDB/DME.**
RUGAS 2C	**CLIMB GRADIENT 3.9% (237 ft/NM) UNTIL REACHING 2800 ft.** **RUGAS TWO CHARLIE DEPARTURE: Climb straight ahead. At 7.4D SKJ turn LEFT onto course 090º.** **Intercept and follow R-120 SKJ climbing to RUGAS INT.**
SIN 2C	**CLIMB GRADIENT 4.4% (270 ft/NM) UNTIL REACHING 3500 ft.** **SIN TWO CHARLIE DEPARTURE: Climb straight ahead. At 7.4D SKJ turn LEFT onto course 004º.** **After crossing R-106 SKJ VOR/DME, turn RIGHT onto course 052º, intercept and follow R-081 SKJ VOR/DME climbing to SIN VOR/DME.** **NOTE: When using SIN 2C for RAXAD next, arrange flight to be RAXAD at FL160 or above. If not able advise ATC.**

CHANGE: Editorial

INTENTIONALLY LEFT BLANK

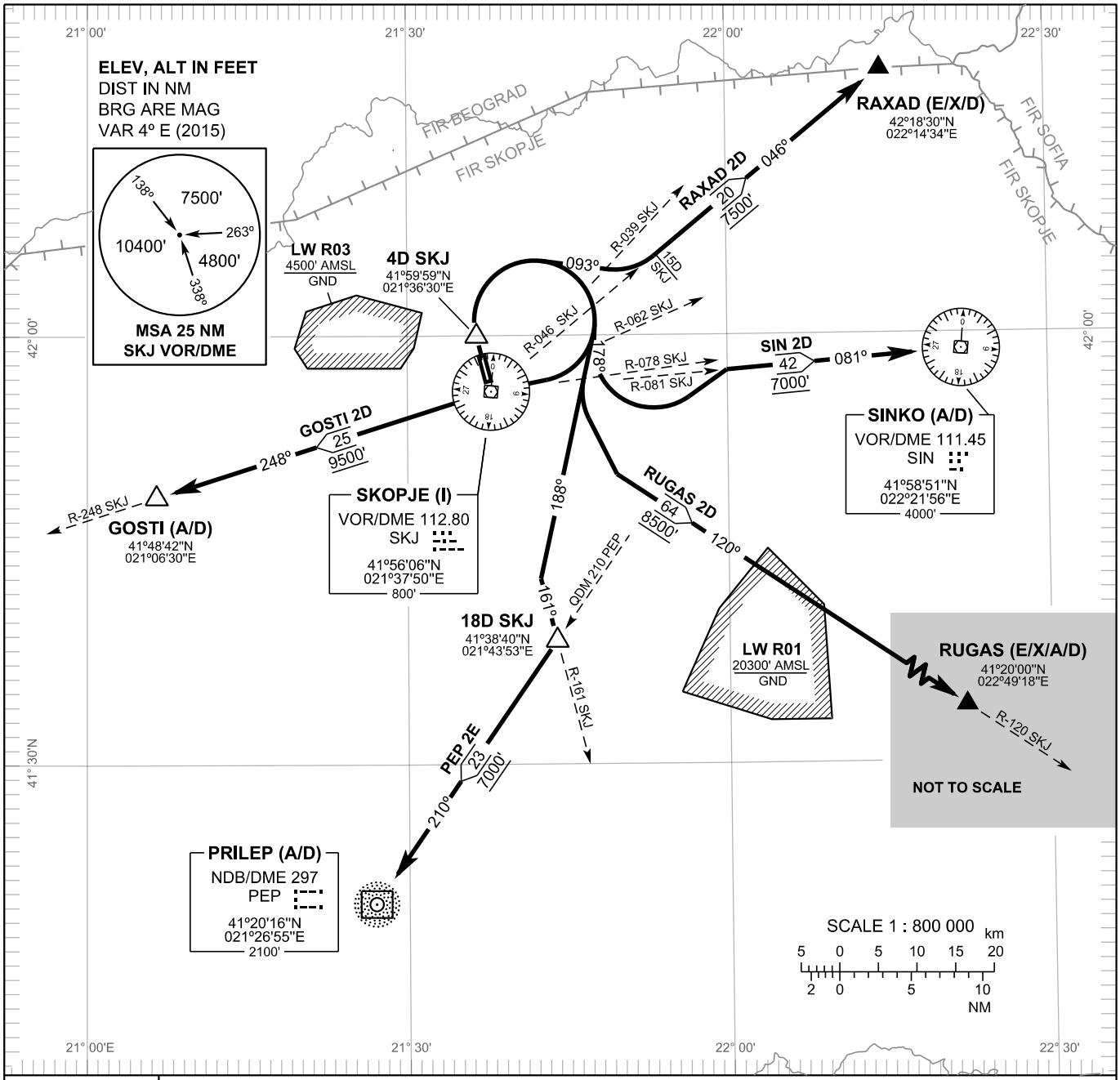
STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
11000'

TWR	118.500
APP	120.300
RADAR	120.300

SKOPJE / SKOPJE Intl (LWSK) RWY 34

GOSTI 2D PEP 2E
RAXAD 2D RUGAS 2D SIN 2D



GOSTI 2D	**CLIMB GRADIENT 7% (425 ft/NM) UNTIL REACHING 2200 ft. TURN LIMITED TO 240 kt IAS MAX.** **GOSTI TWO DELTA DEPARTURE: Climb straight ahead. At 4D SKJ turn RIGHT inbound SKJ VOR/DME.** **Cross SKJ VOR/DME at or above 5000 ft. After passing SKJ VOR/DME follow R-248 SKJ climbing to GOSTI INT.**
PEP 2E	**CLIMB GRADIENT 7% (425 ft/NM) UNTIL REACHING 2200 ft. TURN LIMITED TO 240 kt IAS MAX.** **PEP TWO ECHO DEPARTURE: Climb straight ahead. At 4D SKJ turn RIGHT onto course 188°,** **intercept and follow R-161 SKJ to 18D SKJ. At 18D SKJ turn RIGHT onto QDM 210 PEP climbing to PEP NDB/DME.**
RAXAD 2D	**CLIMB GRADIENT 7.5% (456 ft/NM) UNTIL REACHING 2100 ft. DEPARTURE TURNS LIMITED TO 240 kt IAS MAX.** **RAXAD TWO DELTA DEPARTURE: Climb straight ahead. At 4D SKJ turn RIGHT onto course 093°.** **After crossing R-039 SKJ VOR/DME, turn LEFT, intercept and follow R-046 SKJ VOR/DME climbing to RAXAD INT.** **NOTE: Arrange flight to be RAXAD at FL160 or above. If not able advise ATC.**
RUGAS 2D	**CLIMB GRADIENT 7% (425 ft/NM) UNTIL REACHING 2200 ft. TURN LIMITED TO 240 kt IAS MAX.** **RUGAS TWO DELTA DEPARTURE: Climb straight ahead. At 4D SKJ turn RIGHT onto course 188°.** **Cross R-078 SKJ, turn LEFT, intercept and follow R-120 SKJ climbing to RUGAS INT.**
SIN 2D	**CLIMB GRADIENT 7.9% (480 ft/NM) UNTIL REACHING 2200 ft.** **SIN TWO DELTA DEPARTURE: Climb straight ahead. At 4D SKJ turn RIGHT onto course 178°.** **After crossing R-062 SKJ VOR/DME, turn LEFT, Intercept and follow R-081 SKJ VOR/DME not bellow 7000 ft** **climbing to SIN VOR/DME.** **NOTE: When using SIN 2D for RAXAD next, arrange flight to be RAXAD at FL160 or above. If not able advise ATC.**

CHANGE: Editorial

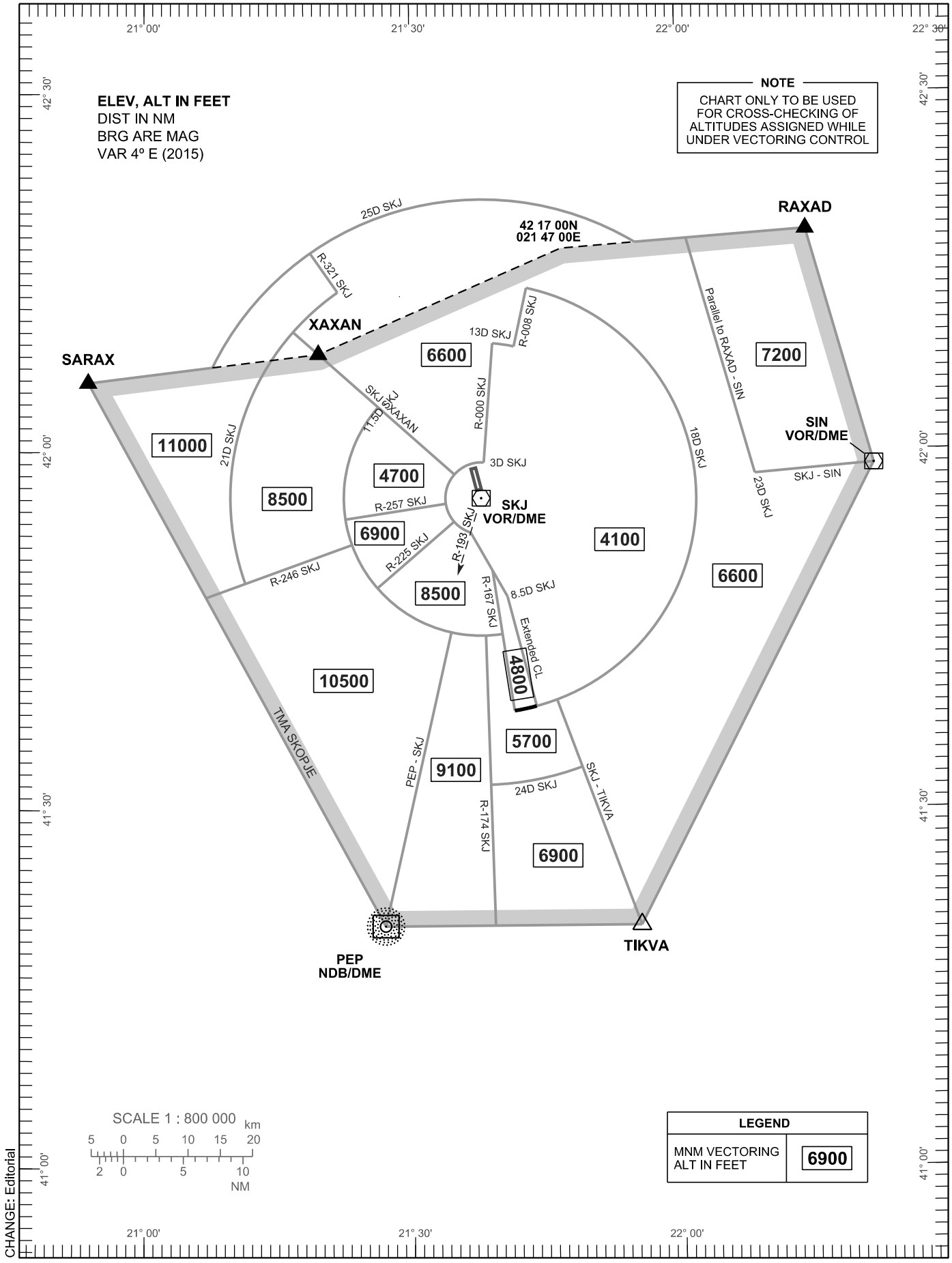
INTENTIONALLY LEFT BLANK

ATC SURVEILLANCE MINIMUM ALTITUDE CHART - ICAO

AERODROME ELEV 781 FT
TRANSITION ALT 11000 FT

APP 120.300

SKOPJE / SKOPJE Intl (LWSK)



CHANGE: Editorial

INTENTIONALLY LEFT BLANK