

Publication Date: 13 FEB 2020

Effective Date: 26 MAR 2020

**AIRAC
AIP AMDT**

**04
26 MAR 2020**

AIRAC AIP AMENDMENT 04/20

I. Content

AD - update of Aerodrome/Heliport certification status.

II. Insert the following new pages and/or charts:

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III. Amend RECORD OF AIP AMDT (GEN 0.2) accordingly.

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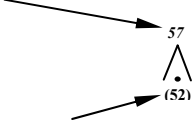
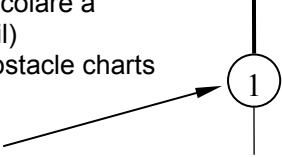




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| AD 2.4-31 | 25 APR 2019 | AD 2.5-31 | 28 MAR 2019 | AD 2.7-35a | 10 NOV 2016 |
| AD 2.4-32 | 25 APR 2019 | AD 2.5-32 | 28 MAR 2019 | AD 2.7-36 | 23 MAY 2019 |
| AD 2.4-33 | 25 APR 2019 | AD 2.5-33 | 28 MAR 2019 | AD 2.7-36a | 10 NOV 2016 |
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| AD 2.4-34a | 01 JAN 2017 | AD 2.5-34a | 25 JUN 2015 | AD 2.7-37a | 23 MAY 2019 |
| AD 2.4-35 | 25 APR 2019 | AD 2.5-35 | 28 MAR 2019 | AD 2.7-45 | 23 MAY 2019 |
| AD 2.4-35a | 13 NOV 2014 | AD 2.5-35a | 26 JUN 2014 | AD 2.7-45a | 10 NOV 2016 |
| AD 2.4-36 | 25 APR 2019 | AD 2.5-36 | 28 MAR 2019 | AD 2.7-52 | 28 FEB 2019 |
| AD 2.4-36a | 07 FEB 2013 | AD 2.5-36a | 07 FEB 2013 | AD 2.7-52a | 10 NOV 2016 |
| AD 2.4-37 | 25 APR 2019 | AD 2.5-37 | 28 MAR 2019 | AD 2.7-71 | 28 FEB 2019 |
| AD 2.4-37a | 01 JAN 2017 | AD 2.5-37a | 26 JUN 2014 | AD 2.7-71a | 10 NOV 2016 |
| AD 2.4-40 | 23 MAY 2019 | AD 2.5-40 | 07 NOV 2019 | AD 2.7-71b | 10 NOV 2016 |
| AD 2.4-41 | 07 NOV 2019 | AD 2.5-45 | 07 NOV 2019 | AD 2.7-71c | 10 NOV 2016 |
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| AD 2.4-93 | 25 APR 2019 | AD 2.5-95a | 07 FEB 2013 | AD 2.8-8 | 05 DEC 2019 |
| AD 2.4-93a | 10 DEC 2015 | AD 2.5-97 | 28 MAR 2019 | AD 2.8-9 | 05 DEC 2019 |
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| AD 2.5-6 | 28 MAR 2019 | AD 2.7-7 | 15 AUG 2019 | AD 2.8-17 | 05 DEC 2019 |
| AD 2.5-7 | 18 JUL 2019 | AD 2.7-8 | 15 AUG 2019 | AD 2.8-18 | 05 DEC 2019 |
| AD 2.5-8 | 13 SEP 2018 | AD 2.7-9 | 15 AUG 2019 | AD 2.8-19 | 05 DEC 2019 |
| AD 2.5-9 | 13 SEP 2018 | AD 2.7-10 | 15 AUG 2019 | AD 2.8-20 | 15 AUG 2019 |
| AD 2.5-10 | 13 SEP 2018 | AD 2.7-11 | 15 AUG 2019 | AD 2.8-20a | 15 AUG 2019 |
| AD 2.5-11 | 05 DEC 2019 | AD 2.7-12 | 15 AUG 2019 | AD 2.8-22 | 15 AUG 2019 |
| AD 2.5-12 | 13 SEP 2018 | AD 2.7-13 | 15 AUG 2019 | AD 2.8-25 | 20 JUN 2019 |
| AD 2.5-13 | 13 SEP 2018 | AD 2.7-20 | 06 DEC 2018 | AD 2.8-31 | 02 JAN 2020 |
| AD 2.5-14 | 13 SEP 2018 | AD 2.7-20a | 06 DEC 2018 | AD 2.8-32 | 02 JAN 2020 |
| AD 2.5-15 | 07 NOV 2019 | AD 2.7-22 | 06 DEC 2018 | AD 2.8-35 | 30 JAN 2020 |
| AD 2.5-16 | 18 JUL 2019 | AD 2.7-23 | 06 DEC 2018 | AD 2.8-36 | 02 JAN 2020 |


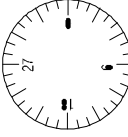






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|-------------|-------------|-------------|-------------|-------------|-------------|
| AD 2.8-45 | 30 JAN 2020 | AD 2.11-5 | 20 JUN 2019 | AD 2.13-35 | 23 MAY 2019 |
| AD 2.8-45a | 02 JAN 2020 | AD 2.11-20 | 07 NOV 2019 | AD 2.13-35a | 08 NOV 2018 |
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| AD 2.8-81 | 15 AUG 2019 | AD 2.11-23 | 07 NOV 2019 | AD 2.13-37 | 23 MAY 2019 |
| AD 2.8-81a | 26 MAY 2016 | AD 2.11-25 | 31 MAR 2016 | AD 2.13-37a | 17 AUG 2017 |
| AD 2.8-82 | 15 AUG 2019 | AD 2.11-51 | 07 NOV 2019 | AD 2.13-45 | 23 MAY 2019 |
| AD 2.8-82a | 26 MAY 2016 | AD 2.11-51a | 25 AUG 2011 | AD 2.13-45a | 17 AUG 2017 |
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| AD 2.9-2 | 14 SEP 2017 | AD 2.11-52a | 25 AUG 2011 | AD 2.13-51a | 08 NOV 2018 |
| AD 2.9-3 | 17 AUG 2017 | AD 2.11-91 | 07 NOV 2019 | AD 2.13-92 | 23 MAY 2019 |
| AD 2.9-4 | 26 APR 2018 | AD 2.11-91a | 31 MAR 2016 | AD 2.13-92a | 10 NOV 2016 |
| AD 2.9-5 | 25 APR 2019 | AD 2.11-92 | 07 NOV 2019 | AD 2.14-1 | 27 FEB 2020 |
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| AD 2.9-20 | 15 AUG 2019 | AD 2.12-1 | 15 AUG 2019 | AD 2.14-3 | 10 NOV 2016 |
| AD 2.9-20a | 25 APR 2019 | AD 2.12-2 | 16 AUG 2018 | AD 2.14-4 | 03 MAR 2016 |
| AD 2.9-22 | 25 APR 2019 | AD 2.12-3 | 16 AUG 2018 | AD 2.14-5 | 28 MAR 2019 |
| AD 2.9-25 | 26 APR 2018 | AD 2.12-4 | 06 DEC 2018 | AD 2.14-6 | 04 JAN 2018 |
| AD 2.9-51 | 25 APR 2019 | AD 2.12-5 | 07 NOV 2019 | AD 2.14-7 | 04 JAN 2018 |
| AD 2.9-51a | 23 JUN 2016 | AD 2.12-6 | 16 AUG 2018 | AD 2.14-20 | 25 APR 2019 |
| AD 2.9-52 | 25 APR 2019 | AD 2.12-20 | 25 APR 2019 | AD 2.14-22 | 25 APR 2019 |
| AD 2.9-52a | 23 JUN 2016 | AD 2.12-20a | 25 APR 2019 | AD 2.14-25 | 12 NOV 2015 |
| AD 2.9-81 | 25 APR 2019 | AD 2.12-22 | 25 APR 2019 | AD 2.14-29 | 23 JUN 2016 |
| AD 2.9-81a | 23 JUN 2016 | AD 2.12-25 | 16 AUG 2018 | AD 2.14-30 | 25 APR 2019 |
| AD 2.9-82 | 25 APR 2019 | AD 2.12-26 | 16 AUG 2018 | AD 2.14-30a | 10 DEC 2015 |
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| AD 2.9-83 | 25 APR 2019 | AD 2.12-51 | 25 APR 2019 | AD 2.14-31a | 10 DEC 2015 |
| AD 2.9-83a | 23 JUN 2016 | AD 2.12-51a | 16 AUG 2018 | AD 2.14-52 | 25 APR 2019 |
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| AD 2.10-3 | 31 JAN 2019 | AD 2.12-81 | 25 APR 2019 | AD 2.14-71a | 03 MAR 2016 |
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| AD 2.10-6 | 28 FEB 2019 | AD 2.12-82a | 16 AUG 2018 | AD 2.14-72a | 03 MAR 2016 |
| AD 2.10-7 | 31 JAN 2019 | AD 2.12-83 | 25 APR 2019 | AD 2.14-72b | 03 MAR 2016 |
| AD 2.10-8 | 31 JAN 2019 | AD 2.12-83a | 16 AUG 2018 | AD 2.14-81 | 25 APR 2019 |
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| AD 2.10-30 | 25 APR 2019 | AD 2.13-8 | 15 AUG 2019 | AD 2.15-5 | 02 JAN 2020 |
| AD 2.10-31 | 25 APR 2019 | AD 2.13-9 | 15 AUG 2019 | AD 2.15-6 | 02 JAN 2020 |
| AD 2.10-51 | 25 APR 2019 | AD 2.13-10 | 15 AUG 2019 | AD 2.15-7 | 02 JAN 2020 |
| AD 2.10-51a | 25 MAY 2017 | AD 2.13-20 | 28 FEB 2019 | AD 2.15-8 | 02 JAN 2020 |
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| AD 2.10-93 | 25 APR 2019 | AD 2.13-30 | 23 MAY 2019 | AD 2.15-25 | 23 MAY 2019 |
| AD 2.10-93a | 02 MAR 2017 | AD 2.13-30a | 10 NOV 2016 | AD 2.15-26 | 23 MAY 2019 |
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| AD 2.11-3 | 01 MAR 2018 | AD 2.13-34 | 23 MAY 2019 | AD 2.15-31a | 10 NOV 2016 |
| AD 2.11-4 | 26 MAY 2016 | AD 2.13-34a | 10 NOV 2016 | AD 2.15-32 | 23 MAY 2019 |

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| AD 2.15-32a | 10 NOV 2016 | AD 2.16-54a | 18 JUL 2019 | AD 2.24-40 | 19 JUL 2018 |
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| AD 2.15-91 | 23 MAY 2019 | AD 2.17-20 | 05 DEC 2019 | AD 3.2-2 | 05 APR 2012 |
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| AD 2.16-26 | 27 FEB 2020 | AD 2.20-21 | 02 MAR 2017 | | |
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| AD 2.16-33 | 18 JUL 2019 | AD 2.21-4 | 30 APR 2015 | | |
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| AD 2.16-54 | 02 JAN 2020 | AD 2.24-20 | 19 JUL 2018 | | |

**4. Obstacole
Obstacles**

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Obstacol (nebalizat /balizat) Obstacle (unlighted/lighted) |  | Arbore sau arbust Tree or shrub |  |
| Grup de obstacole (nebalizat/balizat) Group obstacles (unlighted/lighted) |  | Cota maximă pe hartă Highest elevation on chart |  |
| Cota la vârf (cursiv) Elevation of top (italics) Înălțimea raportată la o referință specificată (caractere drepte între paranteze) Height above specified datum (upright type in parantheses) |  | Obstacol pe hărți de obstacolare a aerodromului (vedere profil) Obstacle on aerodrome obstacle charts (profile view) Număr de identificare Identification number |  |
| Teren care penetrează planul de obstacolare (vedere plană) Terrain penetrating obstacle plane (plan view) |  | Teren care penetrează planul de obstacolare (vedere profil) Terrain penetrating obstacle plane (profile) |  |
| Stâlp, turn, antenă, ș.a. Pole, tower, spire, antenna, etc. |  | Clădire sau construcție importantă Building or large structure |  |

**5. Mijloace de radionavigație
Radio navigation aids**

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Mijloc de radionavigație Radio navigation aid | | |  |
| Roză compas utilizată împreună cu unul din simbolurile: VOR, VOR/DME Compass rose used together with a VOR or VOR/DME symbol |  | Radiomarker Radio marker beacon |  |
| Radiofar omnidirecțional VHF VHF omnidirectional radio range - VOR |  | Radiofar nedirecțional NDB Non-directional beacon NDB |  |
| Echipament de măsurare a distanței DME Distance measuring equipment - DME |  | | |
| Mijloace de radionavigație VOR și DME colocate – VOR/DME Collocated VOR and DME radio navigation aids – VOR/DME |  | Simbol al mijlocului de radionavigație Basic radio navigation aid symbol |  |

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------|-----------|
| Distanța DME DME distance Distanța în mile nautice la DME Distance in nautical Identificatorul mijlocului de radionavigație Identification of radio navigation aid | | Sistem de aterizare instrumentală - ILS Instrument landing system - ILS | Plan view |
| | | | Profile |
| Izogonă Izogonic line or isogonal | | Radial VOR (relevment raportat la VOR și identificatorul VOR) VOR radial (Radial bearing from and identification of VOR) | |

6. Servicii de trafic aerian
Air traffic services

| | | | |
|-------------------------------------------------------------------------|--|--------------------------------------------------------------|--|
| Regiune de informare a zborului Flight information region FIR | | Scară întreruptă (pe rute ATS) Scale-break (on ATS route) | |
| Zonă de trafic de aerodrom Aerodrome traffic zone ATZ | | Punct de transfer VOR Change-over point COP | |
| Regiune de control / rută aeriană Control area / airway CTA / AWY | | Reperul apropierii finale Final Approach Fix | |
| Zonă cu serviciu consultativ Advisory airspace ADA | | | |
| Zonă de control de aerodrom Control zone CTR | | | |

| Reporting and Fly-by functionality | | |
|------------------------------------|------------------------|----------------------|
| | On request / la cerere | Compulsory / obligat |
| Intersection / Intersecție | | |
| VOR | | |
| VOR/DME | | |
| NDB | | |
| Waypoint / punct de navigație | | |

| Reporting and Flyover functionality | | |
|-------------------------------------|------------------------|----------------------|
| | On request / la cerere | Compulsory / obligat |
| Waypoint / punct de navigație | | |

**AD 1.5 AERODROME/HELIPORT CERTIFICATION STATUS
STATUTUL CERTIFICĂRII AERODROMURILOR/HELIPORTURILOR**

| <i>Aerodrome name Location indicator</i> | <i>Date of initial certification Data certificării inițiale</i> | <i>Certificate validity Valabilitatea certificatului</i> | <i>Remarks Observații</i> |
|----------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------|
| 1 | 2 | 3 | 4 |
| ARAD/Arad LRAR | 15.04.2002 | Unlimited | AD 2.1 |
| ARAD/Charlie-Bravo Șiria LRCB | 20.10.2014 | 01.12.2020 | AD 2.25 |
| BACĂU/George Enescu LRBC | 01.09.2002 | Unlimited | AD 2.2 Civ / Mil |
| BAIA MARE/Maramureș LRBM | 10.07.2002 | Unlimited | AD 2.3 |
| BAIA MARE/Tăuții-Măgherauș | 12.07.2016 | 01.06.2021 | Not published |
| BISTRIȚA/Bistrița LRBN | 23.03.2017 | 05.06.2020 | AD 2.26 |
| BUCUREȘTI/Băneasa-Aurel Vlaicu LRBS | 15.07.2002 | Unlimited | AD 2.4 |
| BUCUREȘTI/Henri Coandă LROP | 30.04.2002 | Unlimited | AD 2.5 Civ / Mil |
| CLINCENI/Clinceni LRCN | 24.05.2016 | 01.07.2021 | Not published |
| CLUJ NAPOCA/Avram Iancu LRCL | 15.06.2002 | Unlimited | AD 2.7 |
| CONSTANȚA/Mihail Kogălniceanu- Constanța LRCK | 10.06.2002 | Unlimited | AD 2.8 Civ / Mil |
| CRAIOVA/Craiova LRCV | 25.04.2002 | Unlimited | AD 2.9 |
| CRAIOVA/Craiova-Sud LRCW | 19.10.2011 | 10.09.2020 | Not published |
| DEZMIR/Dezmir | 04.01.2019 | 01.10.2021 | Not published |
| GRĂDIȘTEA/Grădiștea LRBA | 26.08.2019 | Unlimited | Not published |
| DEVA/Săulești-Constantin Manolache LRDV | 13.10.2011 | 01.10.2021 | AD 2.24 |
| IAȘI/Iași LRIA | 30.05.2002 | Unlimited | AD 2.10 |
| IAȘI/Iași Sud LRIS | 25.07.2011 | 01.09.2021 | Not published |
| ORADEA/Oradea LROD | 20.08.2002 | Unlimited | AD 2.11 |
| PITEȘTI/Geamăna LRPT | 10.10.2011 | 01.09.2021 | AD 2.23 |
| PLOIEȘTI/Gheorghe Valentin Bibescu - Ploiești LRPW | 26.07.2007 | 17.09.2020 | AD 2.19 |
| SATU MARE/Satu Mare LRSM | 10.07.2002 | Unlimited | AD 2.12 |
| SÂNPETRU/Sânpetru LRSP | 22.02.2010 | 20.08.2020 | AD 2.21 |
| SIBIU/Măgura LRCD | 23.06.2008 | 18.10.2021 | AD 2.18 |
| SIBIU/Sibiu LRSB | 30.07.2002 | Unlimited | AD 2.13 |
| SUCEAVA/Ștefan cel Mare-Suceava LRSV | 01.09.2002 | Unlimited | AD 2.14 |

| <i>Aerodrome name Location indicator</i> | <i>Date of initial certification Data certificării inițiale</i> | <i>Certificate validity Valabilitatea certificatului</i> | <i>Remarks Observații</i> |
|-------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------|
| 1 | 2 | 3 | 4 |
| TÂRGU-MUREȘ/Mureșeni LRMS | 26.05.2011 | 25.07.2020 | Not published |
| TÂRGU-MUREȘ/Transilvania-Târgu Mureș LRTM | 20.06.2002 | Unlimited | AD 2.15 |
| TIMIȘOARA/Traian Vuia LRTR | 01.10.2003 | Unlimited | AD 2.16 Civ / Mil |
| TULCEA/Delta Dunării LRTC | 03.10.2002 | Unlimited | AD 2.17 |
| TUZLA/Tuzla LRTZ | 15.11.2004 | 12.10.2020 | AD 2.20 |

| <i>Heliport name Location indicator</i> | <i>Date of initial certification Data certificării inițiale</i> | <i>Certificate validity Valabilitatea certificatului</i> | <i>Remarks Observații</i> |
|----------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------|
| 1 | 2 | 3 | 4 |
| BALC/Complex Vânătoare Fagu-Balc LRFB | 07.08.2012 | Unlimited | Not published |
| BRAȘOV/Cobrex LRCX | 02.07.2002 | 01.08.2021 | AD 3.3 |
| BUCUREȘTI/Aviația Utilitară LRAU | 17.07.2019 | 15.07.2020 | Not published |
| BUCUREȘTI/Spitalul Universitar de Urgență (SUUB) | 03.12.2019 | 29.11.2020 | Not published |
| BUCUREȘTI/West Gate LRWG | 30.06.2014 | 26.07.2020 | Not published |
| CONSTANȚA/Punct de Operare Aeromedicală SMURD LRCH | 07.03.2016 | 09.08.2020 | Not published |
| CONSTANȚA/Heliplatforma Centrală | 14.04.2002 | 19.09.2020 | Not published |
| CONSTANȚA/Heliplatforma PGSU 3 | 14.04.2002 | 19.09.2020 | Not published |
| CONSTANȚA/Heliplatforma PGSU 6 | 14.04.2002 | 19.09.2020 | Not published |
| CONSTANȚA/Heliplatforma PGSU 7 | 14.04.2002 | 19.09.2020 | Not published |
| CONSTANȚA/Heliplatforma Gloria | 14.04.2002 | 19.09.2020 | Not published |
| GHIMBAV/IAR BRAȘOV LRBG | 17.06.2009 | 25.11.2020 | AD 3.2 |
| GHIMBAV/MIR AERO-Brașov LRMA | 26.10.2017 | 01.11.2020 | AD 3.6 |
| MOARA VLĂSIEI/Moara Vlăsiei- Becker LRBK | 03.07.2002 | 01.08.2020 | Not published |
| NĂVODARI/Midia-Constanța LRMC | 11.12.2014 | 15.09.2021 | AD 3.5 |
| OITUZ/PA&CO LRCC | 23.06.2008 | 01.10.2022 | Not published |
| ORADEA/SMURD BH 2 LRHO | 20.03.2017 | 01.05.2020 | Not published |

AD 2. AERODROMES**LRAR AD 2.1 AERODROME LOCATION INDICATOR AND NAME****LRAR - ARAD / Arad****LRAR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

| | | |
|---|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ARP coordinates and site at AD | 461036N 0211543E RWY centerline. |
| 2 | Direction and distance from city | 3 km West from Arad |
| 3 | Elevation/Reference temperature | 353 FT (108 M) / 30.3°C |
| 4 | Geoid undulation at AD ELEV PSN | 141 FT |
| 5 | MAG VAR/ Annual rate of change | 5°E (2014) / 5.5'E |
| 6 | AD Administration, address, telephone, telefax, telex, AFS | Aeroportul Arad, Arad, România Tel: +40-(0)257-254440, +40-(0)257-339010 Fax: +40-(0)257-254482 Email: aeroport.ar@rdslink.ro Website: aeroportularad.ro Tel: +40-(0)257-254440 Ground Ops Fax: +40-(0)257-254546 Ground Ops Email: ground.op@aeroportularad.ro AFS: LRARRAYD SITA: ARWAAXH |
| 7 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 8 | Remarks | NIL |

LRAR AD 2.3 OPERATIONAL HOURS

| | | |
|----|----------------------------|-----|
| 1 | AD Administration | H24 |
| 2 | Customs and immigration | H24 |
| 3 | Health and sanitation | H24 |
| 4 | AIS Briefing Office | H24 |
| 5 | ATS Reporting Office (ARO) | H24 |
| 6 | MET Briefing Office | H24 |
| 7 | ATS | H24 |
| 8 | Fuelling | H24 |
| 9 | Handling | H24 |
| 10 | Security | H24 |
| 11 | De-icing | H24 |
| 12 | Remarks | NIL |

LRAR AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|-----------------------------------------|----------------------------------------------------------------------|
| 1 | Cargo-handling facilities | 747m ² of storage, dangerous good room, cargo equipments. |
| 2 | Fuel/Oil types | Fuel: Kerosene TH type JET A1 AVGAZ 100LL Oil: NIL |
| 3 | Fuelling facilities/capacity | 1 refueling truck 14 t |
| 4 | De-icing facilities | Yes |
| 5 | Hangar space for visiting aircraft | NIL |
| 6 | Repair facilities for visiting aircraft | NIL |
| 7 | Remarks | NIL |

LRAR AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|----------------------------------------------------|
| 1 | Hotels | Hotels in the city. |
| 2 | Restaurants | Snack bar on the airport, restaurants in the city. |
| 3 | Transportation | Taxi from the AD. |
| 4 | Medical facilities | First aid at AD. Hospitals in the city. |
| 5 | Bank and Post Office | In the city. |
| 6 | Tourist Office | In the city. |
| 7 | Remarks | NIL |

LRAR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---------------------------------------------|-----------------------------------------------------------------------------------------------|
| 1 | AD category for fire fighting | CAT 7 |
| 2 | Rescue equipment | 1 truck of 9000l, 1 truck of 5000l, foam and dry chemical powder. |
| 3 | Capability for removal of disabled aircraft | Only for code letter B aircraft, wingspan < 24 m. Air Operation Office: +40-(0)257-254440. |
| 4 | Remarks | NIL |

LRAR AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Types of clearing equipment | 1. Truck with snow plough or snow blower, 2 Tractors with snow plough and snow blower, de-icing fluid type II, runway de-icing fluid. |
| 2 | Clearance priorities | 1. RWY 09/27 TWY A to APRON 2 2. APRON 1 |
| 3 | Remarks | Information on snow clearance published from November-April in NOTAM (SNOWTAM). See also the snow plan in section AD 1.2.2 |

LRAR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | | |
|---|--------------------------------------------------|-------------------------------------------------------------------|-----------------------------------|
| 1 | Apron designation, surface and strength | APRON 1 Surface: Asphalt Strength: 6/R/C/W/T | APRON 2 Concrete 41/R/C/W/T |
| 2 | Taxiway designation, width, surface and strength | TWY A Width: 18 M Surface: Concrete Strength: 28/R/C/W/T | |
| 3 | ACL location and elevation | INS Apron 1 and Apron 2, elevation 352FT. | |
| 4 | VOR checkpoints | NIL | |
| 5 | INS checkpoints | See AD 2.1-22 | |
| 6 | Remarks | NIL | |

LRAR AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

| | | |
|---|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | NIL |
| 2 | RWY and TWY markings | RWY: Designation, THR, TDZ, centre line, edges; aiming point; TWY: Centre line, holding position marked; |
| 3 | Stop bars | TWY A |
| 4 | Remarks | THR 27 displaced 180 M |

LRAR AD 2.10 AERODROME OBSTACLES

| In approach / TKOF areas | | | In circling area and at AD | | Remarks |
|--------------------------|--------------------------------------------|-------------|--------------------------------------------|-------------|---------|
| 1 | | | 2 | | 3 |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Coordinates | Obstacle type Elevation Markings/LGT | Coordinates | |
| a | b | c | a | b | |
| 09/APCH 27/TKOF | Building | 461041.13N | Building | 461215.02N | |
| | 551FT | 0210507.77E | 564FT | 0211423.04E | |
| | Water tower | 461030.22N | Antenna | 461214.00N | |
| | 429FT | 0211414.08E | 576FT | 0211906.00E | |
| | LGTD | | LGTD | | |
| | Antenna | 461040.36N | Building | 460944.06N | |
| | 407FT | 0211409.89E | 574FT | 0211848.66E | |
| | LGTD | | Building | 461212.54N | |
| | GP Antenna | 461042.10N | 560FT | 0211906.02E | |
| | 402FT | 0211515.69E | Tower | 461320.78N | |
| 27/APCH 09/TKOF | GP Antenna | 461037.40N | 1014FT | 0211943.67E | |
| | 406FT | 0211615.84E | Anntena | 461214.93N | |
| | Antenna | 461040.67N | 550FT | 0211423.11E | |
| | 399FT | 0211604.46E | Anntena | 461212.70N | |
| | Mast | 461127.96N | 601FT | 0211905.95E | |
| | 469FT | 0211610.95E | | | |
| | Antenna | 461016.84N | | | |
| | 461FT | 0211708.76E | | | |
| | Church | 460919.27N | | | |
| | 524FT | 0212359.38E | | | |
| Chimney | 461014.59N | | | | |
| 733FT | 0212600.58E | | | | |
| Building | 461026.45N | | | | |
| 543FT | 0211906.61E | | | | |
| Church | 461014.01N | | | | |
| 508FT | 0211841.90E | | | | |

LRBS AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRBS - BUCUREȘTI / Băneasa - Aurel Vlaicu

LRBS AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ARP coordinates and site at AD | 443013N 0260613E 070° MAG 1480 M from THR 07. |
| 2 | Direction and distance from city | 8.5 km North from București |
| 3 | Elevation/Reference temperature | 299 FT / 30.7°C |
| 4 | Geoid undulation at AD ELEV PSN | 115 FT |
| 5 | MAG VAR/ Annual rate of change | 5°E (2010) |
| 6 | AD Administration, address, telephone, telefax, e-mail, AFS, website | Compania Națională Aeroporturi București Calea București nr. 224 E, Otopeni, ILFOV Tel: +40-(0)21-2013304 +40-(0)21-2041000; +40-(0)21-2014000 Tel/Fax: +40-(0)21-2014990; +40-(0)21-3126866 AFS: LRBSRAYD SITA: OTPAPXH web: www.cnab.ro e-mail: contact@cnab.ro Aeroportul Internațional București / Băneasa - Aurel Vlaicu Șos. București-Ploiești, nr. 40, sect. 1, București Tel: +40-(0)21-2320020 Tel/Fax: +40-(0)21-2323687; +40-(0)21-2323762 (H24) AFS: LRBSRAYD SITA: BSAYDRO |
| 7 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 8 | Remarks | Nil |

LRBS AD 2.3 OPERATIONAL HOURS

| | | |
|----|----------------------------|-----------------|
| 1 | AD Administration | H24 see AD 2.21 |
| 2 | Customs and immigration | H24 |
| 3 | Health and sanitation | H24 |
| 4 | AIS Briefing Office | H24 |
| 5 | ATS Reporting Office (ARO) | H24 |
| 6 | MET Briefing Office | H24 |
| 7 | ATS | H24 |
| 8 | Fuelling | H24 |
| 9 | Handling | H24 |
| 10 | Security | H24 |
| 11 | De-icing | H24 |
| 12 | Remarks | NIL |

LRBS AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Cargo-handling facilities | NIL |
| 2 | Fuel/Oil types | Kerosene TH type A1 / NIL AVGAS 100LL/NIL |
| 3 | Fuelling facilities/capacity | Jet A1: - 2 refueler 20 t, 1 refueler 8 t, 1 skid mobil 0.9 t - storage: 70 t AVGAS: - 1 refueler 5.5 t, 1 skid mobil 0.9 t - storage: 30 t |
| 4 | De-icing facilities | 1 de-icing unit with fluid type II. |
| 5 | Hangar space for visiting aircraft | NIL |
| 6 | Repair facilities for visiting aircraft | NIL |
| 7 | Remarks | NIL |

LRBS AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Hotels | Hotels in the city. |
| 2 | Restaurants | Restaurants in the city. |
| 3 | Transportation | Buses, tram, taxis from the AD. |
| 4 | Medical facilities | First aid at the AD, hospitals in the city. |
| 5 | Bank and Post Office | Bank and Post Office in the city. |
| 6 | Tourist Office | In the city. |
| 7 | Remarks | Due to WIP in terminal, capacity for passenger processing is reduced. Before filling LRBS as a destination or alternate airport contact airport administration at LRBSRAYD, BBU AVXH, contact@cnab.ro. |

LROP AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LROP - BUCUREȘTI / Henri Coandă

LROP AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ARP coordinates and site at AD | 443416N 0260506E On TWY "N". |
| 2 | Direction and distance from city | 16.5 km North from București |
| 3 | Elevation /Reference temperature | 314 FT / 30.6°C |
| 4 | Geoid undulation at AD ELEV PSN | 114 FT |
| 5 | MAG VAR/ Annual rate of change | 5°E (2010) / 2.1'E |
| 6 | AD Administration, address, telephone, telefax, e-mail address, AFS address, website address | Aeroportul București/Henri Coandă Calea București nr. 224E, Otopeni, Jud. Ilfov Tel : +40-(0)21-2013304; +40-(0)21-2041000; +40-(0)21-2014000 Fax: +40-(0)21-2014990; +40-(0)21-3126866 AFS: LROPAYD SITA: OTPAPXH web: www.cnab.ro e-mail: contact@cnab.ro |
| 7 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 8 | Remarks | NIL |

LROP AD 2.3 OPERATIONAL HOURS

| | | |
|----|----------------------------|--------------------------------------------------------------------------------------------------------------------|
| 1 | AD Administration | H24 |
| 2 | Customs and immigration | H24 |
| 3 | Health and sanitation | H24 |
| 4 | AIS Briefing Office | H24 |
| 5 | ATS Reporting Office (ARO) | H24 ; Tel: +40-(0)21-2032122 / +40-(0)21-2032127 / +40-(0)21-3114315 Fax: +40-(0)21-2032127 / +40-(0)21-3114316 |
| 6 | MET Briefing Office | H24 |
| 7 | ATS | H24 |
| 8 | Fueling | H24 |
| 9 | Handling | H24 |
| 10 | Security | H24 |
| 11 | De-icing | H24 |
| 12 | Remarks | NIL |

LROP AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Cargo-handling facilities | 3 forklift, 8 highloaders, 3 lower backloader, 13 conveyor belts, 28 tractors, 29 pallet dolly, 36 cargo cart, 58 cargo dolly, 10 mail containers. |
| 2 | Fuel/Oil types | Kerosene: JET A1, NATO Code F34 Fuel Additive: Icing inhibitor - FSII; Nycosol 13; Static Dissipator - Stadis 450. Oil: Aeroshell |
| 3 | Fueling facilities/capacity | Storage: -Kerosene - 10700 m ³ ; -NATO Code F34 - 400 m ³ Refueling equipments: -Kerosene JET A1 - 15 trucks |
| 4 | De-icing facilities | 6 de-icing units with type II liquid. |
| 5 | Hangar space for visiting aircraft | NIL |
| 6 | Repair facilities for visiting aircraft | On request / subject of availability |
| 7 | Remarks | Airlines or operators are advised that before landing on airport or before filing LROP as an alternate, they are required to have made arrangements for ground handling, specially for towing ops. |

LROP AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|--------------------------------------------------------------------------------|
| 1 | Hotels | Hotels in town. |
| 2 | Restaurants | Restaurants and bars (23 airside + 14 landside): H24 |
| 3 | Transportation | Buses, taxis from the AD. |
| 4 | Medical facilities | Doctor, 1 surgery, 1 rest room with 2 beds, 2 ambulances, hospital in town. |
| 5 | Bank and Post Office | Bank Office: 0700 - 1500. Post Office: 0700 - 1500. Exchange Office: H24 |
| 6 | Tourist Office | Tourist Office at the AD. |
| 7 | Remarks | Rent-a-car office at the AD. |

LROP AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---------------------------------------------|---------------------|
| 1 | AD category for fire fighting | Within AD HR: CAT 9 |
| 2 | Rescue equipment | NIL |
| 3 | Capability for removal of disabled aircraft | NIL |
| 4 | Remarks | NIL |

LROP AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Types of clearing equipment | 15 snow ploughs with brush and blower, 3 snow blowers, 3 trucks/plugs/spreaders for liquid/solid de-icing materials. 2 compact snow ploughs with brush, blower, spreader liquid/solid deicing mat. 1 spreader for liquid de-icing materials 7 small plough-brush and spreader (3 solid deicing, 4 liquid deicing). |
| 2 | Clearance priorities | 1. RWY 08R/26L and associated TWYs and apron 2. RWY 08L/26R and associated TWYs and apron |
| 3 | Remarks | Information on snow clearance published from November-April in NOTAM (SNOWTAM). See also the snow plan in section AD 1.2.2. |

LROP AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | | | |
|---|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|
| 1 | Apron designation, surface and strength | Apron 1: Concrete 57/R/D/W/T | Apron 2: Concrete 37/R/D/W/T | Apron 3: Concrete 24/R/D/W/T |
| 2 | Taxiway designation, width, surface and strength | Width: 23 M (A, B, C, D, O, P, S, V, W) and 24 M (G, N) Surface: Asphalt (A, B, C, D, G, N, S, W) and concrete (O, P, V) Strength: 43/R/D/W/T(D), 51/R/D/W/T(C), 55/R/D/W/T(A), 60/R/D/W/T(B), 61/R/D/W/T(G), 68/R/D/W/T(S), 65/R/D/W/T(W), 70/R/D/W/T(N, V), 72/R/D/W/T(O), 69/R/D/W/T(P). | | |
| 3 | ACL location and elevation | Location: THR RWY 08R Elevation: 314 FT | Location: THR RWY 08L Elevation: 313 FT | Location: THR RWY 26R Elevation: 303 FT |
| 4 | VOR checkpoints | NIL | | |
| 5 | INS checkpoints | See Aircraft Parking/Docking Chart, AD 2.5-22, AD 2.5-23 | | |
| 6 | Remarks | RWY turn pad Location: THR 26L Surface: Asphalt Dimensions: 33.7 M x 72 M Strength: 43/R/D/W/T | | |

LROP AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

| | | |
|---|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | Taxiing guidance signs at all intersections with TWY, RWY, APRONS and at all holding positions. Guide lines at apron. APRON 1: Stand entry guidance (SEG) is provided by SAFEDOCK T1 at 101-107, 109-115 stands on Apron 1 - see details in AD 2.5-22. For Aircraft parking at stands 119-122 use self parking markings. APRON 2: For Aircraft parking at stands 202 to 222 use self parking markings. At others stands parking guidance provided by marshallsers. |
| 2 | RWY and TWY markings | RWY: Color white: designation, THR, TDZ, centreline, fixed distance markings, side stripes; TWY: Color yellow: centreline, taxi holding position, designation, TWYs intersections; Color orange: alternate center line in following TWY intersections P-C, O-P, P-W, O-N, N-C-G, N-S, for aircraft with outer main gear wheel span greater than 9M. See Aerodrome Ground Movement chart AD 2.5-21. |
| 3 | Stop bars | Red stop bars at all intersection of TWYs with RWYs except those TWYs used only for exit (Rapid Exit Taxiway – RET) – W and V. |
| 4 | Remarks | At pier, pilots should not enter an aircraft stand unless the Stand Entry Guidance (SEG) is illuminated or a marshaller has signaled clearance to proceed. In the event of there being no activated SEG displayed upon approach to the stand, flight crews should contact Ground Control (GC) to request marshalling assistance. Aircrew must not attempt to self-park if the SEG is not illuminated or calibrated for their aircraft type. |

LRCK AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRCK – CONSTANȚA / Mihail Kogălniceanu-Constanța

LRCK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ARP coordinates and site at AD | 442144N 0282918E Runway centre. |
| 2 | Direction and distance from city | 14 NM (26 KM) North - North West from Constanța. |
| 3 | Elevation/Reference temperature | 353 FT / 30.5°C |
| 4 | Geoid undulation at AD ELEV PSN | 112 FT |
| 5 | MAG VAR/ Annual rate of change | 6°E (2018) / 7.2'E |
| 6 | AD Administration, address, telephone, telefax, e-mail, AFS, website | S.N. Aeroportul Internațional M.Kogălniceanu - CONSTANȚA S.A. Str. Tudor Vladimirescu, nr. 4, Mihail Kogălniceanu, Tel: + 40 - (0)241 - 255177, 255100, 255762 Fax: + 40 - (0)241 - 508022, + 40 - (0)241 - 255762 AFS: LRCKRAYD e-mail: aeroport@mk-airport.ro SITA: CNDAPXH |
| 7 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 8 | Remarks | NIL |

LRCK AD 2.3 OPERATIONAL HOURS

| | | |
|----|----------------------------|--------------------------------|
| 1 | AD Administration | H24 |
| 2 | Customs and immigration | H24 |
| 3 | Health and sanitation | H24 |
| 4 | AIS Briefing Office | H24 |
| 5 | ATS Reporting Office (ARO) | H24 ; Tel/Fax: +40(0)241742158 |
| 6 | MET Briefing Office | H24 |
| 7 | ATS | H24 |
| 8 | Fuelling | H24 |
| 9 | Handling | H24 |
| 10 | Security | H24 |
| 11 | De-icing | H24 |
| 12 | Remarks | NIL |

LRCK AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Cargo-handling facilities | 1 lower deck loader (7t), 3 conveyor belts, 4 baggage tractors, 7 pallet dollies, 2 fork-lift. |
| 2 | Fuel/Oil types | JET A1; JP 8; F 34; F 35 Fuel additive: Nil |
| 3 | Fuelling facilities/capacity | 4 storage tanks x 80000 l, 2 storage tanks x 90000 l 3 refueling trucks – 1 x 12000 l; 2 x 45000 l, 2 refueling trucks x 36000 l. |
| 4 | De-icing facilities | 2 de/anti-icing units, with liquid TYPE II |
| 5 | Hangar space for visiting aircraft | NIL |
| 6 | Repair facilities for visiting aircraft | NIL |
| 7 | Remarks | NIL |

LRCK AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|----------------------------------------------------------------------------|
| 1 | Hotels | Hotels in the city and near the airport. |
| 2 | Restaurants | 1 Restaurant, 1 snack bar, 1 bar on the AD. |
| 3 | Transportation | Taxi and shuttle bus. |
| 4 | Medical facilities | First aid on the AD, doctor, ambulance, 1 ambulift. Hospitals in the city. |
| 5 | Bank and Post Office | ATM. |
| 6 | Tourist Office | In the city. |
| 7 | Remarks | NIL |

LRCK AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---------------------------------------------|---------------------------------------------------------------------|
| 1 | AD category for fire fighting | Within AD HR: CAT 7. CAT 8 with 24 hour notification in advance. |
| 2 | Rescue equipment | Holmatro extrication tools, Webber hydraulic extrication tools. |
| 3 | Capability for removal of disabled aircraft | NIL |
| 4 | Remarks | NIL |

LRCK AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-----------------------------|--------------------------------------------------------------------------------------------------------------|
| 1 | Types of clearing equipment | 3 snow blowers, 3 snow ploughs, 3 sweepers, 1 urea spreader, 1 skiddometer. |
| 2 | Clearance priorities | 1. RWY 36/18 2. TWY A and B 3. Apron 4. Access to the national road. |
| 3 | Remarks | Information on snow clearance published from Nov-Apr in NOTAM (SNOWTAM). See also the snow plan in AD 1.2-1. |

LRCK AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Apron designation, surface and strength | Surface: Concrete Strength: See AD 2.8-22 |
| 2 | Taxiway designation, width, surface and strength | Width: TWY A, I: 35 M, TWY B: 25 M, TWY G: 33M, TWY H: 23 M Surface: Concrete Strength: TWY A, B, I: 62/R/D/W/T, TWY G, H: 62/R/D/W/T |
| 3 | ACL location and elevation | APRON 316 FT |
| 4 | VOR checkpoints | NIL |
| 5 | INS checkpoints | See AD 2.8-22 |
| 6 | Remarks | Turning bay at THR 18 situated on the RWY, simmetricaly to RWY axis with turning centerline marking. Total size of turning bay: 100M length x 80M width, with the characteristics as folow: central area 100M length x 45M width PCN 62/R/A/W/T, left/right adjacent to RWY 100M length x 17.5M width PCN 36/R/D/W/T. Surface: concrete. |

LRCK AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

| | | |
|---|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | Taxiing guidance signs at intersection with TWY and RWY, at holding positions. Guide lines on the apron. Nose-in guidance at aircraft stands. |
| 2 | RWY and TWY markings | RWY: Designation, THR, TDZ, centre line, edges, aiming point, marked as appropriate; TWY: Centre line, edges, holding position at TWY/RWY intersections, marked. |
| 3 | Stop bars | Red stop bars at all intersections of TWY's with RWY. |
| 4 | Remarks | NIL |

LRCK AD 2.10 AERODROME OBSTACLES

| In Area 2 | | | | | |
|----------------------|------------------|---------------------------------|---------------------|------------------------|--------------------------------------------------------------------------------|
| OBST ID/ Designation | OBST type | OBST position | ELEV/HGT | Markings/ Type, colour | Remarks |
| a | b | c | d | e | f |
| 1343 | Building | 442253.9N 0282930.8E | 367/9 FT | NIL | Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6) |
| 1344 | Building | 442253.9N 0282931.7E | 370/15 FT | MARKED/LGTD R | |
| 1345 | Antenna | 442253.9N 0282928.0E | 367/9 FT | MARKED/LGTD R | |
| 1351 | Building | 442253.4N 0282932.2E | 369/15 FT | MARKED/LGTD R | |
| 1641 | Tree | 442014.8N 0282902.8E | 342/39 FT | NIL | |
| 1367 | Other | 442245.8N 0282926.8E | 357/0 FT | NIL | |
| 1369 | Other | 442245.8N 0282927.0E | 357/0 FT | NIL | |
| 1370 | Other | 442245.8N 0282926.8E | 357/0 FT | NIL | |
| 1371 | Other | 442245.8N 0282927.0E | 357/0 FT | NIL | |
| 1372 | Other | 442243.9N 0282926.6E | 355/0 FT | NIL | |
| 1373 | Other | 442243.9N 0282926.8E | 355/0 FT | NIL | |
| 1375 | Other | 442243.9N 0282926.6E | 355/0 FT | NIL | |
| 1376 | Other | 442243.9N 0282926.8E | 355/0 FT | NIL | |
| 484 | Windmill | 442212.8N 0282146.9E | 853/509 FT | MARKED/LGTD R | |
| 488 | Windmill | 442140.7N 0282152.0E | 873/509 FT | MARKED/LGTD R | |
| 490 | Windmill | 442058.5N 0282152.6E | 837/509 FT | MARKED/LGTD R | |
| 493 | Windmill | 442121.0N 0282159.9E | 876/509 FT | MARKED/LGTD R | |
| 496 | Windmill | 442214.1N 0282211.0E | 879/509 FT | MARKED/LGTD R | |
| 499 | Windmill | 442154.5N 0282217.2E | 902/509 FT | MARKED/LGTD R | |
| 501 | Windmill | 442134.5N 0282234.2E | 876/509 FT | MARKED/LGTD R | |
| 503 | Windmill | 442058.4N 0282235.5E | 833/509 FT | MARKED/LGTD R | |

LRTR AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LRTR - TIMIȘOARA / Traian Vuia

LRTR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ARP co-ordinates and site at AD | 454835N 0212016E Runway center. |
| 2 | Direction and distance from city | 45°, 11 km from Timișoara. |
| 3 | Elevation/Reference temperature | 348 FT / 30.5°C |
| 4 | Geoid undulation at AD ELEV PSN | 142 FT |
| 5 | MAG VAR/ Annual rate of change | 5°E (2017) / 7.2'E |
| 6 | AD Administration, address, telephone, telefax, e-mail, AFS, website | S.N. Aeroportul Internațional Timișoara Traian Vuia S.A., Str. Aeroport Nr. 2, 307210 Ghiroda, România Call Center: + 40-(0)256-386089 Fax: + 40-(0)256-490705 Tel/Fax Dispecerat: + 40-(0)256-493123 e-mail: office@aerotim.ro AFS: LRTRRAYD SITA: TSRAP8X Website: www.aerotim.ro |
| 7 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 8 | Remarks | NIL |

LRTR AD 2.3 OPERATIONAL HOURS

| | | |
|----|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | AD Administration | H24 |
| 2 | Customs and immigration | H24 |
| 3 | Health and sanitation | H24 |
| 4 | AIS Briefing Office | H24, see GEN 3.1-5. |
| 5 | ATS Reporting Office (ARO) | H24, see ENR 1.10-2. |
| 6 | MET Briefing Office | H24 |
| 7 | ATS | H24 |
| 8 | Fuelling | H24 |
| 9 | Handling | H24 |
| 10 | Security | H24 |
| 11 | De-icing | H24 |
| 12 | Remarks | Notification, on requested services, shall be addressed at: Fax: +40-(0)256-493123 (H24) AFTN: LRTRRAYD SITA: TSRAP8X (H24) Lack of prior notification may cause delays in service delivery. Aircraft having ACN higher than 44 are subject to prior permission request, in accordance with AD 2.20 Local aerodrome regulation point 1.1.2. |

LRTR AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Cargo-handling facilities | 2 hi-loader of 7t , 5 conveyor belts, 1 fork-lifts, 6 ramp tractors, 20 cargo carts, 12 dollies for ULDs, 4 GPU, 1 Airstarter unit, 1 cooling/heating equipment, 1 potable water vehicle, 2 lavatory service vehicles, 4 airport passengers buses, 2 equipments for towing/push-back aircraft. |
| 2 | Fuel/Oil types | Kerosene Th type JET A1/NIL |
| 3 | Fuelling facilities/capacity | NIL |
| 4 | De-icing facilities | 2 de-icing/anti-icing units with type I and type II fluids |
| 5 | Hangar space for visiting aircraft | NIL |
| 6 | Repair facilities for visiting aircraft | NIL |
| 7 | Remarks | Preliminary briefing, requests of operating permissions on aerodrome and handling shall be sent only at: Fax: +40-(0)256-493123 (H24) AFTN: LRTRRAYD SITA: TSRAP8X (H24) Any other way of contact may cause delays. |

LRTR AD 2.5 PASSENGER FACILITIES

| | | |
|---|-----------------------------|-----------------------------------------------------------|
| 1 | <i>Hotels</i> | Hotels in the city. |
| 2 | <i>Restaurants</i> | Restaurant on the AD. |
| 3 | <i>Transportation</i> | Buses, taxis, rent-a-car. |
| 4 | <i>Medical facilities</i> | Ambulance and first aid on the AD. Hospitals in the city. |
| 5 | <i>Bank and Post Office</i> | ATM on the AD. Bank and Post Office in the city. |
| 6 | <i>Tourist Office</i> | In the city |
| 7 | <i>Remarks</i> | NIL |

LRTR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <i>AD category for fire fighting</i> | CAT 7 |
| 2 | <i>Rescue equipment</i> | Hydraulic spreader SP 4240C, Hydraulic cutter CU 4035 NCT II, Ram RA 4321, Core hoses AH 10YU and C15 OU, Spreader accessories RA 4321, Lifting Airbag 18tf HLB 18, Pressure reducer PRV 823, Pulling chains (with hooks) for hydraulic spreader, Combined tool (cutter and spreader), Connecting hydraulic hose, Chainsaw with disk. |
| 3 | <i>Capability for removal of disabled aircraft</i> | Cranes AVBL via contractor. |
| 4 | <i>Remarks</i> | RTF direct communication between aircraft and ground RFF team on frequency 121.500 MHz EMERG. |

LRTR AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 1 | <i>Types of clearing equipment</i> | 1 snow blower, 3 tractors with snow ploughs, 2 trucks/plugs/spreaders for liquid/solid de-icing materials |
| 2 | <i>Clearance priorities</i> | 1. RWY 11/29 2. TWY's A, B, C and L. 3. Apron. |
| 3 | <i>Remarks</i> | Information on snow clearance published from November-April in NOTAM (SNOWTAM). See also the snow plan in section AD 1.2.2 |

LRTR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <i>Apron designation, surface and strength</i> | Surface: Concrete Strength: 35/R/B/W/T |
| 2 | <i>Taxiway designation, width, surface and strength</i> | Width: 23 M (A,B,L), 33 M (C) Surface: Asphalt (A,B), Concrete (C,L) Strength: 70/R/C/W/T (A), 35/R/B/W/T (B), 80/R/D/W/T (C,L) |
| 3 | <i>ACL location and elevation</i> | Location: At Apron. Elevation: 341 FT / 104 M |
| 4 | <i>INS checkpoints</i> | INS: See AD 2.16-22 |
| 5 | <i>Remarks</i> | RWY turning bay: Location: THR 29 Surface: Concrete Dimensions: 100 M x 27 M Strength: 42/R/B/W/T TWY P – available for towed aircrafts only. TWY D and TWY E – available for military traffic only. |

LRTR AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

| | | |
|---|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <i>Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands</i> | Taxi directions into aircraft parking positions, taxi guidance lines with designators nose-in guidance at aircraft stands. Stands parking guidance provided by marshaller. |
| 2 | <i>RWY and TWY markings</i> | RWY: Color white: Designation, THR, TDZ, centre line, edges, aiming point, RWY end, turning bay markings at THR 29. TWY: Colour yellow: centre line, RWY holding position, edges. |
| 3 | <i>Stop bars</i> | Stop bars on TWY A and C. |
| 4 | <i>Remarks</i> | Guard Lights on TWY B. |

LRTC AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRTC - TULCEA / Delta Dunării

LRTC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ARP co-ordinates and site at AD | 450346N 0284252E Runway centre. |
| 2 | Direction and distance from city | 13 km South from Tulcea. |
| 3 | Elevation/Reference temperature | 200 FT/30.5°C |
| 4 | Geoid undulation at AD ELEV PSN | 105 FT |
| 5 | MAG VAR/ Annual rate of change | 6°E (2019) / 7.2'E |
| 6 | AD Administration, address, telephone, telefax, e-mail, AFS, website | R. A. AEROPORTUL "DELTA DUNĂRII" TULCEA, Șos. Tulcea-Constanța Km 15, OP nr.1, CP 76, Loc. Tulcea, Județul Tulcea, România Tel: +40-(0)240-512910; +40-(0)240-513552 Fax: +40-(0)240-511040; Tel/Fax TWR: +40-(0)240-511581 AFS: LRTCRAVD e-mail: office@aeroportul-tulcea.ro; ops@ aeroportul-tulcea.ro; handling@aeroportul-tulcea.ro web: www.aeroportul-tulcea.ro |
| 7 | Types of traffic permitted (IFR/VFR) | IFR/VFR |
| 8 | Remarks | NIL |

LRTC AD 2.3 OPERATIONAL HOURS

| | | |
|----|----------------------------|----------------------------------------------------------------------------------------------------|
| 1 | AD Administration | W: 0530 - 1730; S: 0430 - 1630 |
| 2 | Customs and immigration | H24 |
| 3 | Health and sanitation | H24 |
| 4 | AIS Briefing Office | As AD Administration |
| 5 | ATS Reporting Office (ARO) | As AD Administration |
| 6 | MET Briefing Office | As AD Administration |
| 7 | ATS | As AD Administration |
| 8 | Fuelling | W: 0530 - 1730; S: 0430 - 1630 |
| 9 | Handling | As AD Administration |
| 10 | Security | As AD Administration |
| 11 | De-icing | W: 0530 - 1730; S: 0430 - 1630 |
| 12 | Remarks | Outside the operational hours services are available O/R, submitted to the AD not later than 1300. |

LRTC AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Cargo-handling facilities | 1 truck 1.5 t, 1 tractor 5 t, 1 GPU 115V AC 400HZ/28V DC/90KVA type GPU-4090-T-CUP, 1 GPU 28V DC/20KVA type GPU-600-S 6883 A-2, 1 ASU type ASU-600-150, 1 ACE type ACE302-H-cup, 1 water supply type WSC 300, 1 lavatory equipment type LSC 100/300, 1 towbar type DPTB 033/B737, 1 towbar AN24/AN26, 1 conveyor belt A/C type NBL, 1 passenger stair type DANGE-PPS 30, 2 passenger stairs (H.max 4.9m H.min 2.8m), 1 towing tractor type TMX-150/12t, 10 baggage carts type BT 1500, 1 follow-me car, one airport surface friction tester ASFT/T10. |
| 2 | Fuel/Oil types | Kerosene JET A1, AVGAS 100LL/NIL |
| 3 | Fuelling facilities/capacity | Store house fuel/100t for JET A1, 30t FOR avgas 100LL. Skid on apron JET A1/200L per min. Skid on apron AVGASS 100LL/200L per min. |
| 4 | De-icing facilities | 1 de-icing/anti-icing unit type Typhoon: capacity of de-icing tank 3500L, capacity of anti-icing tank 1800L, maximum working height 13.35M, fluid type II. |
| 5 | Hangar space for visiting aircraft | NIL |
| 6 | Repair facilities for visiting aircraft | NIL |
| 7 | Remarks | NIL |

LRTC AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|---------------------------------------------|
| 1 | Hotels | Hotels in the city. |
| 2 | Restaurants | Snack bar on the AD. |
| 3 | Transportation | Buses and minibuses at AD. |
| 4 | Medical facilities | First aid on the AD. Hospitals in the city. |
| 5 | Bank and Post Office | In the city. |
| 6 | Tourist Office | In the city. |
| 7 | Remarks | NIL |

LRTC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---------------------------------------------|------------------------------------------------------|
| 1 | AD category for fire fighting | Within AD HR: CAT 3 |
| 2 | Rescue equipment | According to ICAO Airport Services Manual, Table 5.2 |
| 3 | Capability for removal of disabled aircraft | 2 tractors / B-737, AN-24, AN-26 aircraft type |
| 4 | Remarks | NIL |

LRTC AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 1 | Types of clearing equipment | 1 scrapper, 1 tractor with blade. |
| 2 | Clearance priorities | 1. RWY 34 2. TWY 3. Apron |
| 3 | Remarks | Information on snow clearance published from November-April in NOTAM (SNOWTAM). See also the snow plan in section AD 1.2.2. |

LRTC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Apron designation, surface and strength | Surface: Concrete Strength: 54/R/C/W/T Stands 1, 2, 3 71/R/C/W/T Stands 4, 5 |
| 2 | Taxiway designation, width, surface and strength | Width: TWY A: 24 M TWY B: 18 M Surface: TWY A, TWY B: Concrete Strength: TWY A: 52/R/C/W/T TWY B: 54/R/C/W/T |
| 3 | ACL location and elevation | NIL |
| 4 | VOR checkpoints | NIL |
| 5 | INS checkpoints | INS1: 450354.83N 0284259.00E INS2: 450352.49N 0284259.73E INS3: 450351.84N 0284259.87E INS4: 450350.16N 0284302.68E INS5: 450349.19N 0284302.98E |
| 6 | Remarks | RWY turning bay: Location: THR 16, THR 34 Surface: Asphalt Dimensions: 100 M x 20 M Strength: THR 16 - 61/F/C/W/T THR 34 - 135/F/C/W/T |

LRTC AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

| | | |
|---|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | Taxiing guidance signs at intersections with TWY, guide lines on the apron. Mandatory instructions markings. Self manoeuvring is in operation for Stands numbered 2-5. Manoeuvring with marshaller is mandatory in operation for Stand number 1. |
| 2 | RWY and TWY markings | RWY: Designation, THR, TDZ, centre line, edges, aiming point. TWY: Centre line, holding position, edges marked. |
| 3 | Stop bars | Red stop bar |
| 4 | Remarks | THR 34 displaced 67 M. |

LRSP AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRSP - BRAȘOV / Sânpetru

LRSP AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ARP coordinates and site at AD | 454316N 0253801E, runway centre |
| 2 | Direction and distance from city | 7 km N from Brașov |
| 3 | Elevation/Reference temperature | 1715 FT / 12.7°C |
| 4 | Geoid undulation at AD ELEV PSN | 126 FT |
| 5 | MAG VAR/Annual rate of change | 4° 55'E (2010) / 7'E |
| 6 | AD Administration, address, telephone, telefax, e-mail, AFS, website | Aeroclubul teritorial : "Iosif Silimon" Brașov Str. Aeroportului, Nr.1, Loc. Sânpetru, Jud. Brașov Tel.: 0726-678.449 E-mail: brasov@aeroclubulromaniei.ro AFS: - SITA: - |
| 7 | Types of traffic permitted (IFR/VFR) | VFR |
| 8 | Remarks | NIL |

LRSP AD 2.3 OPERATIONAL HOURS

| | | |
|----|----------------------------|-----|
| 1 | AD Administration | HX |
| 2 | Customs and immigration | NIL |
| 3 | Health and sanitation | NIL |
| 4 | AIS Briefing Office | NIL |
| 5 | ATS Reporting Office (ARO) | NIL |
| 6 | MET Briefing Office | NIL |
| 7 | ATS | NIL |
| 8 | Fuelling | NIL |
| 9 | Handling | NIL |
| 10 | Security | NIL |
| 11 | De-icing | NIL |
| 12 | Remarks | NIL |

LRSP AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|-----------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1 | Cargo-handling facilities | NIL |
| 2 | Fuel/Oil types | NIL |
| 3 | Fuelling facilities/capacity | NIL |
| 4 | De-icing facilities | NIL |
| 5 | Hangar space for visiting aircraft | Hangar "1": 903.0 M ² , maximum height 9M Hangar "2": 660.0 M ² , maximum height 6M |
| 6 | Repair facilities for visiting aircraft | IAR-46S, WILGA PZL- 35A, Glider, Engine Glider |
| 7 | Remarks | 500 hours scheduled repairs Sânpetru OPC 135.190 MHz - during regular flight school hours |

LRSP AD 2.5 PASSENGER FACILITIES

| | | |
|---|----------------------|-------------------------------------------------------------------------------------|
| 1 | Hotels | Hotels, hostels and motels in Brașov and Sânpetru |
| 2 | Restaurants | Restaurants in Brașov, Sânpetru |
| 3 | Transportation | "Rent-a-car" service on request from Brașov, Bus Brașov-Sânpetru, taxis from Brașov |
| 4 | Medical facilities | Hospital in Brașov |
| 5 | Bank and Post Office | In Sânpetru and Brașov |
| 6 | Tourist Office | Tourist Info-Center in Brașov |
| 7 | Remarks | NIL |

LRSP AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---------------------------------------------|---------------------------|
| 1 | AD category for fire fighting | CAT 2 |
| 2 | Rescue equipment | One car, rescue equipment |
| 3 | Capability for removal of disabled aircraft | Tractor |
| 4 | Remarks | NIL |

LRSP AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|-----------------------------|-----------------------------------------------------------------|
| 1 | Types of clearing equipment | Snow plough |
| 2 | Clearance priorities | 1. RWY 12/30 2. TWY 3. Apron |
| 3 | Remarks | Information about snow clearance on request, available by phone |

LRSP AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | |
|---|--------------------------------------------------|----------------------------------------------------|
| 1 | Apron designation, surface and strength | Surface: concrete, asphalt Strength: 5700 kg |
| 2 | Taxiway designation, width, surface and strength | Width: 20 M Surface: Grass Strength: 5700 kg |
| 3 | ACL location and elevation | NIL |
| 4 | VOR checkpoints | NIL |
| 5 | INS checkpoints | NIL |
| 6 | Remarks | NIL |

LRSP AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

| | | |
|---|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1 | Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands | Taxiing guidance signs on TWY and RWY Signs at holding position |
| 2 | RWY and TWY markings | RWY: Designation, edge marked white TWY: Designation, edge marked yellow |
| 3 | Stop bars | NIL |
| 4 | Remarks | NIL |

LRSP AD 2.10 AERODROME OBSTACLES

| In approach / TKOF areas | | | In circling area and at AD | | Remarks |
|--------------------------|--------------------------------------------|---------------------------|--------------------------------------------|-------------|---------|
| 1 | | | 2 | | |
| RWY/Area affected | Obstacle type Elevation Markings/LGT | Coordinates | Obstacle type Elevation Markings/LGT | Coordinates | 3 |
| a | b | c | a | b | |
| 30/APCH 12/TKOF | Trees, Water pipe 532 M Nil | 454342.00N 0253723.00E | NIL | NIL | NIL |
| 12/APCH 30/TKOF | "Lempeş" Hill 708 M Nil | 454318.00N 0253923.00E | NIL | NIL | |

LRSP AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|---------------------------------------------------------------------------------------|---------------|
| 1 | Associated MET Office | NIL |
| 2 | Hours of service MET Office outside hours | - - |
| 3 | Office responsible for TAF preparation Periods of validity Interval of issuance | NIL - - |
| 4 | Type of landing forecast Interval of issuance | NIL NIL |
| 5 | Briefing / consultation provided | NIL |
| 6 | Flight documentation Language(s) used | NIL |
| 7 | Charts and other information available for briefing or consultation | NIL |
| 8 | Supplementary equipment available for providing information | NIL |
| 9 | ATS units provided with information | NIL |
| 10 | Additional information (limitation of service, etc.) | NIL |