## LGKP AD 2.1 AERODROME LOCATION INDICATOR AND NAME

## LGKP – KARPATHOS

## LGKP AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

| | | |
|---|---|---|
| 1 | ARP coordinates and site at AD | 352516N 0270845<br>Centre of RWY 12/30 |
| 2 | Direction and distance from (city) | BRG: 205˚, 7 NM from the village. |
| 3 | Elevation/Reference temperature | 20.20 M (66.27 FT)/ 31˚ C. |
| 4 | Geoid undulation at AD ELEV PSN | NIL |
| 5 | MAG VAR/Annual change | 4°50´E (4.83°E)(JAN 2019)/ 6.48´E (0.1081°E) |
| 6 | AD Administration, address, telephone, telefax, telex, AFS | Civil Aviation Authority (CAA)<br>Karpathos Airport<br>GR 85700 KARPATHOS<br>TEL: +30 22450 91120, 91047<br>FAX: +30 22450 91012<br>AFTN: LGKPYDYX<br>e-mail: kakptl@hcaa.gr |
| 7 | Types of traffic permitted (IFR/VFR) | IFR - VFR |
| 8 | Remarks | NIL |

## LGKP AD 2.3 OPERATIONAL HOURS

| | | |
|---|---|---|
| 1 | AD Administration | HO |
| 2 | Customs and immigration | HO |
| 3 | Health and sanitation | HO |
| 4 | AIS Briefing Office | HO |
| 5 | ATS Reporting Office (ARO) | HO (TEL: +30 22450 91120) |
| 6 | MET Briefing Office | HO (MET) |
| 7 | ATS | HO |
| 8 | Fuelling | HO |
| 9 | Handling | HO |
| 10 | Security | HO |
| 11 | De-icing | NIL |
| 12 | Remarks | NIL |

## LGKP AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|---|---|---|
| 1 | Cargo-handling facilities | NIL |
| 2 | Fuel/oil types | Fuel:<br>JP8: by EKO and GISSCO.<br>Oil: NIL |
| 3 | Fuelling facilities/capacity | EKO and GISSCO |
| 4 | De-icing facilities | NIL |
| 5 | Hangar space for visiting aircraft | NIL |
| 6 | Repair facilities for visiting aircraft | NIL |
| 7 | Remarks | NIL |

## LGKP AD 2.5 PASSENGER FACILITIES

| | | |
|---|---|---|
| 1 | Hotels | At the village. |
| 2 | Restaurants | At the village. |
| 3 | Transportation | Taxi. |
| 4 | Medical facilities | First aids, Motor ambulance. |
| 5 | Bank and Post Office | NIL |
| 6 | Tourist Office | NIL |
| 7 | Remarks | NIL |

## LGKP AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|---|---|---|
| 1 | AD category for fire fighting | CIV CAT: 6 |
| 2 | Rescue equipment | Equivalent for CAT 6 requirements. |
| 3 | Capability for removal of disabled aircraft | NIL |
| 4 | Remarks | NIL |

## LGKP AD 2.7 SEASONAL AVAILABILITY - CLEARING

| | | |
|---|---|---|
| 1 | Types of clearing equipment | NIL |
| 2 | Clearance priorities | NIL |
| 3 | Remarks | All seasons. |

## LGKP AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

| | | |
|---|---|---|
| 1 | Apron surface and strength | Surface: asphalt<br>Strength: PCN 53/F/D/X/U |
| 2 | Taxiway width, surface and strength | Width: 28 m<br>Surface: asphalt<br>Strength: NIL |
| 3 | Altimeter checkpoint location and elevation | NIL |
| 4 | VOR checkpoints | NIL |
| 5 | INS checkpoints | NIL |
| 6 | Remarks | NIL |

## LGKP 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 by Marshaller. |
| 2 | RWY and TWY markings and LGT | LGT:<br>RWY: Threshold, end,.edge, RTIL.<br>TWY: Edge (blue).<br>Markings:<br>RWY: C/L and Threshold<br>TWY: C/L |
| 3 | Stop bars | NIL |
| 4 | Remarks | West parallel TWY marked and lighted as RWY.<br>See also **LGKP AD chart ICAO** |

## LGKP AD 2.10 AERODROME OBSTACLES

| **In approach/TKOF areas** | | | **In circling area and at AD** | | **Remarks** |
|---|---|---|---|---|---|
| **1** | | | **2** | | **3** |
| **RWY NR/ Area affected** | **Obstacle type Elevation Markings/LGT** | **Coordinates** | **Obstacle type Elevation Markings/LGT** | **Coordinates** | |
| **a** | **b** | **c** | **a** | **b** | |
| 12 | See relevant LGKP AOC chart-ICAO | | | | NIL |
| 30 | See relevant LGKP AOC chart-ICAO | | | | |

## LGKP AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|---|---|---|
| 1 | Associated MET Office | KARPATHOS / III |
| 2 | Hours of service<br>MET Office outside hours | HO<br>ATHINAI |
| 3 | Office responsible for TAF preparation<br>Periods of validity | ATHINAI<br>9 HR |
| 4 | Trend forecast Interval of issuance | NO TREND |

| | | |
|---|---|---|
| 5 | Briefing/consultation provided | Personal consultation. Telephone. |
| 6 | Flight documentation<br>Language(s) used | Tabular forms<br>Greek, English |
| 7 | Charts and other information available for briefing or consultation | SWH, SWL, W, T, MW |
| 8 | Supplementary equipment available for providing information | On line data connection to the data Bank of the Hellenic National Meteorological Service. |
| 9 | ATS units provided with information | KARPATHOS AFIS. |
| 10 | Additional information (limitation of service, etc.) | All data over FL 100 are issued by World Area Forecast Centres.<br>TEL : +30 22450 91035, +30 6983526332. |

**LGKP AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

| Designations RWY NR | TRUE BRG (degrees and one-hundredth of a degree) | Dimensions of RWY (M) | Strength (PCN) and surface of RWY and SWY | THR coordinates RWY end coordinates THR geoid undulation | THR elevation and highest elevation of TDZ of precision APP RWY |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 12 | 124.58º | 2399 x 30 | PCN 53/F/D/X/U asphalt | 352535.43N 0270810.36E | THR 11.13 M/ 36.51 FT<br>TDZ: NIL |
| 30 | 304.59º | 2399 x 30 | PCN 53/F/D/X/U asphalt | 352456.77N 0270918.86E | THR 18.92 M/ 62.06 FT<br>TDZ: NIL |

| Slope of RWY-SWY | | | SWY dimensions (M) | CWY dimensions (M) | Strip dimensions (M) | OFZ | Remarks |
|---|---|---|---|---|---|---|---|
| 7 | | | 8 | 9 | 10 | 11 | 12 |
| 12 | NIL | NIL | NIL | NIL | 2519x150 | NIL | See also LGKP AD and AOC chart-ICAO.<br>Shoulders 7.5 M on both sides.<br>Arresting cable 352M FM THR 30. |
| 30 | NIL | NIL | NIL | NIL | 2519x150 | NIL | |

**LGKP AD 2.13 DECLARED DISTANCES**

| RWY Designator | TORA (M) | TODA (M) | ASDA (M) | LDA (M) | Remarks |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 12 | 2399 | 2399 | 2399 | 2249 | THR RWY 12 displaced 150 M |
| 30 | 2399 | 2399 | 2399 | 2249 | THR RWY 30 displaced 150 M |

## LGKP AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator | APCH LGT Type Length Intensity | THR LGT Colour Wingbars | PAPI VASIS Angle Distance from THR (MEHT) | TDZ, LGT Length | RWY Centre-line LGT Length Spacing, Colour Intensity | RWY edge LGT Length Spacing Colour Intensity | RWY End LGT Colour Wingbars | SWY LGT Length Colour | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 12 | NIL | Green<br>-<br>RTIL | PAPI<br>Left<br>3,1°<br>357m<br>MEHT<br>(16,25m) | NIL | NIL | White<br>LIH | Red<br>- | NIL | See LGKP AD chart-ICAO. |
| 30 | Simple Approach Lighting system | Green<br>-<br>RTIL | PAPI<br>LEFT/ 3°<br>MEHT<br>19 m | NIL | NIL | White<br>LIH | Red<br>- | NIL | |

## LGKP AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|---|---|---|
| 1 | ABN/IBN location, characteristics and operational hours | ABN: NIL<br>IBN: NIL |
| 2 | LDI location and LGT<br>Anemometer location and LGT | LDI: NIL<br>WDI: 2 WDI<br>Anemometers: 2. |
| 3 | TWY edge and centre line lighting | Edge: blue |
| 4 | Secondary power supply/switch-over time | Available |
| 5 | Remarks | Apron: Flood lights.<br>Short RWY 13/31 is used only as TWY, although lighted as RWY. |

## LGKP AD 2.16 HELICOPTER LANDING AREA

| | | |
|---|---|---|
| 1 | Coordinates TLOF or THR of FATO<br>Geoid undulation | NIL |
| 2 | TLOF and/or FATO elevation M/FT | NIL |
| 3 | TLOF and FATO area dimensions, surface, strength, marking | NIL |
| 4 | True BRG of FATO | NIL |
| 5 | Declared distance available | NIL |
| 6 | APP and FATO lighting | NIL |
| 7 | Remarks | See **LGKP AD2.20.4** |

## LGKP AD 2.17 ATS AIRSPACE

| | | |
|---|---|---|
| 1 | Designation and lateral limits | KARPATHOS CTR<br>Circle, 15 NM radius centred at 352516N 0270845E. |
| | | KARPATHOS ATZ<br>Circle, 5 NM radius cent red at 352516N 0270845E. |
| 2 | Vertical limits | CTR: SFC to 7000 FT ALT |
| | | ATZ: SFC to 2000 FT ALT |
| 3 | Airspace classification | CLASS D* |
| 4 | ATS unit call sign<br>Language(s) | CTR : ATHINAI CONTROL<br>Greek, English |
| | | ATZ : KARPATHOS TWR*<br>KARPATHOS INFORMATION**<br>Greek, English |
| 5 | Transition altitude | 6000 FT |
| 6 | Remarks | AFIS is provided to KARPATHOS airport at present.<br>*When air traffic control is provided to KARPATHOS airport.<br>**When AFIS is provided to KARPATHOS airport. , the airspace within the lateral and vertical limits of KARPATHOS CTR is designated as RMZ and is classified as CLASS G. Air Traffic Service provided is AFIS and unit providing service is KARPATHOS INFORMATION.<br>Pilots shall establish radio contact and maintain continuous air-ground communication watch on the appropriate frequency in the RMZ KARPATHOS INFORMATION. |

## LGKP AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign | Frequency/ VHF CH | Operational hours | Remarks |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| AFIS | KARPATHOS INFORMATION | 123.200<br>122.100<br>257.800 MHz<br>121.500<br>243.000 MHz | HO<br>HO<br>HO<br>HO<br>HO | Primary freq Coverage FL 30 / 15 NM<br>RGA<br>MIL RGA<br>Emergency<br>MIL Emergency |
| G/A/G | KARPATHOS RADIO | 5637 kHz<br>2989 kHz | HO: 0400 – 1700<br>HO: 1700 - 0400 | Primary freq.<br>Primary freq. |
| All ATS Communication Facilities under responsibility of CAA. | | | | |

## LGKP AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid MAG VAR CAT of ILS/MLS (For VOR/ILS/MLS, give declination) | ID | Frequency (CH) | Hours of operation | Position of transmitting antenna coordinates | Elevation of DME transmitting antenna (FT aMSL) | Remarks |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| KARPATHOS VOR/DME<br>(5°E / 2019)<br>(5°E) | KPC | 111.40 MHz<br>CH 51X | H24 | 352518.56N<br>0270848.88E | 39 FT / 11.79 M | Coverage FL 500/ 50 NM,<br>120° – 190° 100 NM |
| KARPATHOS L<br>(5°E / 2019) | KRC | 314 kHz | H24 | 352510.77N<br>0270900.91E | - | Coverage 25 NM |
| All Radio Navigation and Landing Aids under responsibility of CAA.<br>See also **GEN 2.5** and **ENR 4.1** | | | | | | |

## LGKP AD 2.20 LOCAL TRAFFIC REGULATIONS

**2.20.1 Airport regulations**

NIL

**2.20.2 Taxiing to and from stands**

2.20.2.1 Pilots of jet aircraft are requested to use low power when TAXIING on the Apron.

2.20.2.2 All aircraft entering the apron shall use the south apron TWY link unless otherwise communicated by Airport Authority via ATS. All aircraft exiting the apron shall use the TWY link as communicated by Airport Authority. In most case aircraft exiting the apron should use the north apron TWY link.

**2.20.3 Parking area for small aircraft (General aviation)**

NIL

**2.20.4 Parking area for helicopters**

2.20.4.1 An area in the Apron which, pending on the AD traffic and parking availability, is specified each time by the AD operator.

**2.20.5 Apron - taxiing during winter conditions**

NIL

**2.20.6 Taxiing - limitations**

NIL

**2.20.7 School and training flights - technical test flights - use of runways**

NIL

**2.20.8 Helicopter traffic - limitation**

NIL

**2.20.9 Removal of disabled aircraft from runways**

NIL

## LGKP AD 2.21 NOISE ABATEMENT PROCEDURES

### Part I

**2.21.1 Noise abatement procedures for jet aeroplanes irrespective of weight, and for propeller and turboprop aeroplanes with MTOM of or above 11 000 KG**

2.21.1.1 General provisions

NIL

2.21.1.2 Use of the runway system during the day period 0600-2200 (0500-2100)

NIL

2.21.1.3 Use of the runway system during the night period 2200-0600 (2100-0500)

NIL

2.21.1.4 Restrictions

NIL

2.21.1.5 Reporting

NIL

### Part II

**2.21.2 Noise abatement procedures for propeller and turboprop aeroplanes with MTOM below 11 000 KG**

2.21.2.1 Use of the runway system during the day period 0600-2300 (0500-2200)

NIL

2.21.2.2 Use of the runway system during the night period 2300-0600 (2200-0500)

NIL

2.21.2.3 Reporting

NIL

**Part III**

**2.21.3 Noise abatement procedures for helicopters**

2.21.3.1 General provisions

NIL

2.21.3.2 Use of the runway system during the day period 0600-2300 (0500-2200)

NIL

2.21.3.3 Use of the runway system during the night period 2300-0600 (local time)

NIL

2.21.3.4 Reporting

NIL

## LGKP AD 2.22 FLIGHT PROCEDURES

**2.22.1 General**

2.22.1.1 All aircraft within KARPATHOS CTR should contact ATHINAI ACC for instructions.

2.22.1.2 All aircraft at and above the minimum flight altitudes of ATS routes traversing KARPATHOS CTR should contact ATHINAI ACC for instructions.

2.22.1.3 RWY 12 / 30 not visible from AFIS site in the Terminal building.

2.22.1.4 For AFIS see **AD 1.1.6.2**.

**2.22.2 Runway in use**

2.22.2.1 RWY 12 / 30

2.22.2.2 ATTN: Previous and short RWY 13/31 is available only for TWY although marked and lighted as RWY

**2.22.3 Procedures for IFR flights within KARPATHOS CTR**

2.22.3.1 See relevant LGKP IAC charts-ICAO (LGKP AD 2.24).

**2.22.4 Radar procedures within … TMA**

NIL

**2.22.5 Procedures for VFR flights within … TMA**

NIL

**2.22.6 Procedures for VFR flights within KARPATHOS CTR**

NIL

**2.22.7 Standard instrument departure procedure (SID)**

2.22.7.1 See relevant LGKP SID charts-ICAO (LGKP AD 2.24)

## LGKP AD 2.23 ADDITIONAL INFORMATION

**2.23.1 Bird concentrations in the vicinity of the airport**

2.23.1.1 No significant concentration of birds on and at the vicinity of airport during daylight hours. See also **ENR 5.6**

## LGKP AD 2.24 CHARTS RELATED TO AERODROME

| Chart name | Date | Page |
|---|---|---|
| | | |
| **Aerodrome Chart – ICAO:** - KARPATHOS Airport | 02 JAN 20 | AD 2-LGKP-ADC |
| **Aircraft Parking/ Docking Chart – ICAO:** - | NIL | NIL |
| **Aerodrome Obstacle Chart (AOC) - ICAO, Type A:** - RWY 12/30 / LGKP AOC | 02 JAN 20 | AD 2-LGKP-AOC A-1 |
| **Aerodrome Obstacle Chart (AOC) – ICAO, Type B:** - | NIL | NIL |
| **Precision Approach Terrain Chart – ICAO:** - | NIL | NIL |
| **Instrument Approach Chart (IAC) – ICAO:** - VOR RWY 12 / LGKP 3 | 01 JUL 10 | AD 2-LGKP-IAC-1 |
| Instrument Approach Chart (IAC) – ICAO: - VOR RWY 30 / LGKP 4 | 01 JUL 10 | AD 2-LGKP-IAC-2 |
| **Visual Approach Chart (VAC) – ICAO:** | NIL | NIL |
| **Standard Departure Chart - Instrument (SID) – ICAO:** - VOR RWY 12 / LGKP 1 | 01 JUL 10 | AD 2-LGKP-SID-1 |
| Standard Departure Chart - Instrument (SID) – ICAO: - VOR RWY 30 / LGKP 2 | 01 JUL 10 | AD 2-LGKP-SID-2 |
| **Standard Arrival Chart - Instrument (STAR) – ICAO:** - | NIL | NIL |
| **Terminal Area Chart - ICAO - VFR routes:** - | NIL | NIL |