LGEL AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LGEL - ELEFSIS

LGEL AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	380349N 0233321E Centre of RWY 18/36
2	Direction and distance from (city)	BRG 305°, 10 NM from Acropolis Hill
3	Elevation/Reference temperature	144 FT / 34.97°C
4	Geoid undulation at AD ELEV PSN	NIL
5	MAG VAR/Annual change	4°01'E (4.017°E) (JAN 2013) / 5' 45''E (0.0908°E)
6	AD Administration, address, telephone, telefax, telex, AFS	Hellenic Air Force (HAF) Elefsis Airport GR 19200, ELEFSIS TEL: +30 210 5505661(ARO) +30 210 5505550 (Base OPS) FAX: +30 210 5505672 AFTN: LGELYXYX
7	Types of traffic permitted (IFR/VFR)	IFR - VFR
8	Remarks	HASP services not provided. AD available only for alternate use of SKED and non-SKED flights. For Private flights special permission is required (**GEN 1.2.5**).

LGEL AD 2.3 OPERATIONAL HOURS

1	AD Administration	HJ (HAF)
2	Customs and immigration	HJ
3	Health and sanitation	HJ
4	AIS Briefing Office	HJ
5	ATS Reporting Office (ARO)	HJ
6	MET Briefing Office	HJ (MET)
7	ATS	HJ (HAF)
8	Fuelling	HJ
9	Handling	HJ
10	Security	HJ
11	De-icing	NIL
12	Remarks	During night 10 min PN For all foreign military ACFT: 1. A 48 HRS prior notice and approval (PPR number) by the Hellenic Air Force Aerodrome Authority (112CW) is required.

		2. All requests should be submitted during working hours from Monday to Friday 04:30 – 11:30. Special requests (VIP, HOSP, etc) are exempted. 3. For 112CW contact: a. Telephone: +30 210 550 5550, +30 210 550 5575 b. Email: coc.112cw@haf.gr c. FAX: +30 210 554 6506

LGEL AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	NIL
2	Fuel/oil types	Fuel: Available on request Oil: Available on request
3	Fuelling facilities/capacity	Special arrangement with LGAV AD fuel companies in Athens and Ministry of Infrastructure and Transport.
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	Hangar A: 40x50x7 M DOOR: 30x6.45 M heated. Hangar B: 36x72x12.5 M DOOR: 70x12.5 M not heated. Hangar C: 23x38x7 M DOOR: 30x6.10 M heated.
6	Repair facilities for visiting aircraft	Minor repairs only.
7	Remarks	NIL

LGEL AD 2.5 PASSENGER FACILITIES

1	Hotels	Available at AD vicinity and Athens city.
2	Restaurants	Available at AD vicinity and Athens city.
3	Transportation	Public coaches, taxis.
4	Medical facilities	First aid treatment, rest rooms, Motor ambulances. Hospitals in Athens city.
5	Bank and Post Office	At the nearest city
6	Tourist Office	At the nearest city
7	Remarks	NIL

LGEL AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CIV CAT: 7 MIL CAT: 6
2	Rescue equipment	Equivalent for CAT 7 and MIL CAT 6 requirements.
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

LGEL AD 2.7 SEASONAL AVAILABILITY - CLEARING

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

LGEL AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron surface and strength	Surface: APRON M, N, V, R, P, U: Concrete. Strength: LCN 45.
2	Taxiway width, surface and strength	Width: Taxiway B: 17.98 M. Surface: Asphalt. Strength: LCN 45.
3	Altimeter checkpoint location and elevation	NIL
4	VOR checkpoints	VOR: ELEV 70 FT
5	INS checkpoints	INS: Terminal Apron (BRG 120° from TWR).
6	Remarks	NIL

LGEL 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 system: "FOLLOW ME" car Sign boards.
2	RWY and TWY markings and LGT	LGT: RWY: Threshold, edge, end, LIM. TWY: All TWYs Markings: RWY: Thresholds, designations, centre line. TWY: NIL
3	Stop bars	Where appropriate.
4	Remarks	NIL

LGEL 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**	
18	NIL	NIL	Hills, highest ELEV 674 M / 2210 FT Markings, LGT: yes	NIL	NIL
36	NIL	NIL	Chimney, ELEV 53 M / 173 FT Markings, LGT: yes	NIL	

LGEL AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	ELEFSIS / II
2	Hours of service MET Office outside hours	H24 ATHINAI
3	Office responsible for TAF preparation Periods of validity	ATHINAI 24 HR
4	Trend forecast Interval of issuance	NO TREND
5	Briefing/consultation provided	Personal consultation.
6	Flight documentation Language(s) used	Charts, Tabular forms 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	ELEFSIS TWR, ATHINAI APP
10	Additional information (limitation of service, etc.)	All data over FL 100 are issued by World Area Forecast Centres. TEL: +30 2105505670, +30 6983529712.

LGEL AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	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
18	180°	3000 x 45	LCN 45 Asphalt	380434.30N 0233321.55E 380305.44N 0233321.82E -	THR: 130.8 FT TDZ: NIL
36	360°	3000 x 45	LCN 45 Asphalt	380307.47N 0233321.82E 380442.82N 0233321.52E -	THR: 24.1 FT TDZ: NIL

Designations RWY NR	Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	OFZ	Remarks
1	7	8	9	10	11	12	13
18	-1.22%	NIL	NIL	NIL	NIL	NIL	NIL
36	+1.22%	NIL	NIL	NIL	NIL	NIL	

LGEL AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
18	2940	2940	3000	2680	DTHR 260 M
36	2740	2740	3000	2680	DTHR 60 M

LGEL AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT Type Length Intensity	THR LGT Colour Wingbars	PAPI VASIS Angle (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
18	Simple approach lighting system with cross-bar at 150 M LIH	LIH Green	PAPI Left/3.75°	NIL	NIL	NIL	NIL	NIL	PAPI RWY 18 used by Mil aircraft only
36	NIL	LIH Green	PAPI Left/3.00°	NIL	NIL	NIL	NIL	NIL	

LGEL AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and operational hours	ABN: At the Tower building, ALTN FLG WG, every 12 SEC, HJ: IMC and HN. IBN: NIL
2	LDI location and LGT Anemometer location and LGT	LDI: Lighted. WDI: Lighted. Anemometer: NIL
3	TWY edge and centre line lighting	Parallel TWY: White and Yellow LIM. Rest TWYs: Blue and Amber.
4	Secondary power supply/switch-over time	Available
5	Remarks	NIL

LGEL AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO 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 **LGEL AD 2.20.4**

LGEL AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	ELEFSIS MIL CTR: The area included south of the aerodrome by the line segments defined by the points with the following coordinates: 380224.16N 0232714.69E - 375238.15N 0232337.91E - 375238.15N 0233727.91E - 380316.89N 0233928.56E - and north of the aerodrome: by an arc of a circle, 5 NM radius centred from 380406.17N 0233312.91E which coincides with the north limits of ELEFSIS MIL ATZ.
		ELEFSIS MIL ATZ: A circle, 5 NM radius centred at 380406.17N 0233312.91E.
2	Vertical limits	MIL CTR: SFC to 4000 FT ALT.
		MIL ATZ: SFC to 4000 FT ALT.
3	Airspace classification	Class D.
4	ATS unit call sign Language(s)	MIL CTR: ATHINAI APPROACH, ATHINAI TMA INFORMATION Greek, English.
		MIL ATZ: ELEFSIS TOWER Greek, English.
5	Transition altitude	9000 FT
6	Remarks	AD within ATHINAI TMA (see **ENR 2.1.5.2**).

LGEL AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency/ VHF CH	Operational hours	Remarks
1	**2**	**3**	**4**	**5**
APP	APP service is provided by ATHINAI APP (see **ENR 2.1.5.2**)			
TWR	ELEFSIS TOWER	120.150 133.825 122.100 257.800 MHz 121.500 243.000 MHz	HJ HJ HJ HJ HJ HJ During night 10 MIN PNR	Primary freq. Coverage FL 040 / 25 NM. Clearance delivery Cover. FL 250 / 50 NM. RGA. MIL RGA. Emergency. MIL Emergency.
All ATS Communication Facilities under responsibility of HAF.				

LGEL 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	Remarks
1	2	3	4	5	6	7
ELEFSIS VOR/DME (5°E/2024) (5°E)	LEF	109.85 MHz (CH 35Y)	H24	380340.04 N 0233330.20 E	60 FT / 18.3 M	Coverage FL 250 / 25 NM
ELEFSIS ILS/DME CAT I, RWY 36 (5°E/2024)	IEFS		HJ			
ILS/LLZ (5°E)		111.30 MHz		380445.70N 0233321.51E		Cover. FL 062.5 / 25 NM
GP		332.30 MHz		380316.41N 0233325.48E		Coverage FL 023 / 10 NM GP angle: 3°, RDH 49.2 FT
DME		(CH 50X)		380316.47N 0233325.47E	23 FT / 6.86 M	Cover. FL 100 / 25 NM
All Radio Navigation and Landing Aids under responsibility of HAF. See also **GEN 2.5**						

LGEL AD 2.20 LOCAL TRAFFIC REGULATIONS

2.20.1 Airport regulations

2.20.1.1 At Elefsis Airport a number of local regulations apply. The regulations are collected in a manual, which is available at the Elefsis AIS Briefing Office and at the Terminal Building. This manual includes, among other subjects, the following:

a) the meaning of markings and signs;
b) information about aircraft stands including visual docking guidance systems;
c) information about taxiing from aircraft stands including taxi clearance;
d) limitations in the operation of large aircraft including limitations in the use of the aircraft's own power for taxiing;
e) helicopter operations;
f) marshaller assistance and towing assistance;
g) use of engine power exceeding idle power;
h) engine start-up and use of APU;
i) fuel spillage, and
j) precautions during extreme weather conditions.

2.20.1.2 Marshaller assistance can be requested and further information about the regulations can be obtained from the ELEFSIS TWR or surface movement control (SMC).

2.20.1.3 When a local regulation is of importance for the safe operation of aircraft on the apron, the information will be given to each aircraft by the ELEFSIS TWR or SMC.

2.20.1.4 "Local Regulations" may be requested, in writing, from ELEFSIS Aerodrome/ Airport Office

2.20.2 Taxiing to and from stands

2.20.2.1 Arriving aircraft will be allocated a stand number by the ELEFSIS TWR or SMC. General aviation aircraft will have to use the general aviation parking area.

2.20.2.2 Assistance from the "FOLLOW ME" vehicle can be requested via the ELEFSIS TWR or SMC. General aviation aircraft will always be guided by the "FOLLOW ME" vehicle.

2.20.2.3 Departing IFR flights shall contact the TWR to obtain ATC clearance before commencing taxiing. Request for ATC clearance may take place at the earliest 10 minutes prior to engine start-up. Frequency 133.825 MHz is to be used at all times. Departing aircraft shall obtain push-back clearance and taxi instruction from ELEFSIS TWR on 133.825 MHz.

2.20.3 Parking area for small aircraft (General aviation)

2.20.3.1 General aviation aircraft shall be guided by marshallers to the parking area for small aircraft

2.20.4 Parking area for helicopters

2.20.4.1 Helicopters will always be guided by a marshaller to their parking position.

2.20.5 Apron - taxiing during winter conditions

2.20.5.1 Certain taxiways in the apron are not equipped with centre line lights. The taxi guide lines may not be visible due to snow. Assistance from the “FOLLOW ME” vehicle can be requested via the ELEFSIS TWR or SMC.

2.20.6 Taxiing - limitations

2.20.6.1 Insufficient safety distances restrict large aircraft’s use of certain taxiways when using their own power. Further information will be given to each aircraft from the ELEFSIS TWR or SMC.

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

NIL

2.20.8 Helicopter traffic - limitation

2.20.8.1 Non-scheduled public air traffic with helicopters is permitted only after prior approval from the HAF/ GENERAL STAFF (see **GEN 1.1**), except hospital or state flights.

2.20.8.1 Any request for approval of traffic shall contain the following information:

a) Owner/operator
b) Type of helicopter, registration/call sign
c) Date, arrival time/departure time, destination(s).

2.20.8.2 Furthermore, other details relevant to the evaluation of the request shall be given as required.

2.20.9 Removal of disabled aircraft from runways

2.20.9.1 When an aircraft is wrecked on a runway, it is the duty of the owner or user of such aircraft to have it removed as soon as possible. If a wrecked aircraft is not removed from the runway as quickly as possible by the owner or user, the aircraft will be removed by the aerodrome authority at the owner’s or user’s expense.

LGEL 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

LGEL AD 2.22 FLIGHT PROCEDURES

2.22.1 General

2.22.1.1 Unless special permission has been obtained from ATHINAI APP, ATHINAI TMA FIS (see **ENR 2.1.5.2** and **LGAV AD 2.22**) or ELEFSIS TWR as appropriate, flights within ELEFSIS MIL CTR shall be in accordance with the Instrument Flight Rules.

2.22.2 Runway in use

2.22.2.1 Aircraft take-off from RWY 18 should turn left after crossing the shore of Elefsis gulf. LDG on RWY 18 not permitted at night.

2.22.3 Procedures for IFR flights within ATHINAI TMA and ELEFSIS MIL CTR

2.22.3.1 See **LGAV AD 2.22.3**.

2.22.4 Radar procedures within ATHINAI TMA

2.22.4.1 Radar service for arriving traffic to ELEFSIS aerodrome is provided by ATHINAI APP (see **LGAV AD 2.22.4** and relevant **AD 2-LGAV-ASMAC** chart-ICAO).

2.22.5 Procedures for VFR flights within ATHINAI TMA and ELEFSIS MIL CTR

2.22.5.1 VFR flights shall follow the relevant VFR routes and altitudes within ATHINAI TMA (see relevant chart in LGAV AD 2.24) and establish RTF contact with ATHINAI TMA FIS unit for further instructions (see **ENR 2.1.5.2**, **ENR 1.2.11.1, 1.c) note 2**, and **LGAV AD 2.22.5**).

2.22.6 Procedures for VFR flights within ELEFSIS MIL ATZ

2.22.6.1 All flights within ELEFSIS MIL ATZ shall follow ELEFSIS TWR instructions.

2.22.7 Standard instrument departure procedure (SID)

NIL.

LGEL AD 2.23 ADDITIONAL INFORMATION

2.23.1 Bird concentrations in the vicinity of the airport

2.23.1.1 Activity of flocks of seagulls and starling takes place daily one or two hours after sunrise. They fly from the gulf of Elefsis to a rubbish-dump east of the airport to their feeding area. Height varies from 0-2000 FT AGL. One to two hours before sunset the same activity described above in reverse when the birds return to their resting area. See also **ENR 5.6**.

LGEL AD 2.24 CHARTS RELATED TO AERODROME

Chart name	Date	Page
Aerodrome Chart – ICAO: -	NIL	NIL
Aircraft Parking/ Docking Chart – ICAO: -	NIL	NIL
Aerodrome Obstacle Chart (AOC) - ICAO, Type A: -	NIL	NIL
Aerodrome Obstacle Chart (AOC) – ICAO, Type B: -	NIL	NIL
Precision Approach Terrain Chart – ICAO: -	NIL	NIL
Instrument Approach Chart (IAC) – ICAO: -	NIL	NIL
Visual Approach Chart (VAC) – ICAO: -	NIL	NIL
Standard Departure Chart - Instrument (SID) – ICAO: -	NIL	NIL
Standard Arrival Chart - Instrument (STAR) – ICAO: -	NIL	NIL
TMA - VFR routes: -	NIL	NIL