

LLET AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LLET – EILAT

LLET AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	293330N 0345732E 30°/682 M from THR 03
2	Direction and distance from city	0.8 KM (bearing 070°) from the city centre of Eilat
3	Elevation/Reference temperature	43 FT/40.2°C (August)
4	Geoid undulation at AD ELEV PSN	TBD
5	MAG VAR/Annual change	4°E (2008)/ 0.05° increasing
6	AD Administration, address, telephone, telefax, telex, AIS, AFS	Israel Airports Authority (IAA) Eilat Airport P.O. Box 42 Eilat 88100 Tel: 972-8-6373553, 6363838 Fax: 972-8-6363828 AIS: Tel: 972-8-6363805 Fax: 972-8-6363829 AFS: LLETZPZX SITA: ETHELXH WEB: www.iaa.gov.il
7	Types of traffic permitted (IFR/VFR)	CVFR/IFR Aircraft whose aerodrome reference code is code C or D (as defined in ICAO annex 14 paragraph 1.6 table 1-1) are authorized only by prior coordination with airport administration.
8	Remarks	Nil

LLET AD 2.3 OPERATIONAL HOURS

1	AD Administration	SUN-THU 0530-2230 LT FRI & holiday eve 0600-1800 LT SAT & holidays 0700-2330 LT
2	Customs and immigration	As AD administration
3	Health and sanitation	As AD administration
4	AIS briefing office	As AD administration
5	ATS Reporting Office (ARO)	As AD administration
6	MET briefing office	Israel Meteorological Service meteorological watch office, Bet Dagan (LLBD).
7	ATS	H24
8	Fuelling	SUN-THU: 0530-2230 LT FRI & holiday eve: 0600-1800 LT SAT & holidays: 0700-2330 LT Beyond operating hours: PR 24H. Tel: 972-8-6384850, 6384830
9	Handling	Nil
10	Security	As AD administration
11	De-icing	Nil
12	Remarks	Nil

LLET AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Nil
2	Fuel/oil types	Jet A-1 & 100LL, Oil - NIL
3	Fuelling facilities/capacity	All stands through bowsers
4	De-icing facilities	Nil

5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

LLET AD 2.5 PASSENGER FACILITIES

1	Hotels	In the city of Eilat
2	Restaurants	At AD and in the city
3	Transportation	Taxis and buses outside terminal
4	Medical facilities	First aid & ambulance at AD Yoseftal hospital in the city
5	Bank and post office	In the city
6	Tourist office	In the city
7	Remarks	Nil

LLET AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Within AD HR: Cat 8
2	Rescue equipment	Ambulances and fire fighting vehicles
3	Capability for removal of disabled aircraft	No equipment available
4	Remarks	Nil

LLET AD 2.7 SEASONAL AVAILABILITY - CLEARING

NA	
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LLET AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface: All Asphalt Strength: PCN 36 F/B/X/T
2	Taxiway width, surface and strength	TBD
3	ACL location and elevation	Location: At apron Elevation: 16 FT.
4	VOR checkpoints	NA
5	INS checkpoints	NA
6	Remarks	Nil

LLET AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual parking guidance of aircraft stand.	Guide lines at apron nose-in guidance at aircraft stand.
2	RWY and TWY markings and LGT	RWY: Designation, THR, TDZ , AIM point, centre line, edge runway end as appropriate, marked and lighted TWY: Nil
3	Stop bars	Nil
4	Remarks	Turning pads at threshold RWY 21 and in front of WD1, APRX 400 M South of RWY 21 threshold, lit with blue taxiway edge lights. Apron: (main) - four floodlight masts (general aviation) – floodlight posts along western fence. Guidance to parking stands by marshaller.

LLET AD 2.10 AERODROME OBSTACLES

<i>In approach/TKOF areas</i>			<i>In circling area and at AD</i>		<i>Remarks</i>
1			2		3
<i>RWY NR/Area affected</i>	<i>Obstacle type Elevation Markings/LGT</i>	<i>Coordinates</i>	<i>Obstacle type El- evation Markings/LGT</i>	<i>Coordinates</i>	
a	b	c	a	b	
03 / APCH	Crane 236 ft	TBD			Approximate position – 3000 meters south from runway 03 THR. For other obstacles in vicinity of the airport refer to AD 2.1-11. ACFT Parked on Main Apron

LLET AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	<i>Associated MET office</i>	Israel Meteorological Service, Bet Dagan (LLBD)
2	<i>Hours of service MET office outside hours</i>	Observations available at AD administration working hours, Briefing available from LLBD 24H each day.
3	<i>Office responsible for TAF preparation Periods of validity</i>	Israel Meteorological Service 24 HR (Long TAF)
4	<i>Type of landing forecast Intervals of issuance</i>	NIL
5	<i>Briefing/consultation provided</i>	Telephone briefing with the Meteorological Watch Office at Israel Meteorological Service, Bet Dagan, can be established in the aerodrome meteorological station.
6	<i>Flight documentation Language(s) used</i>	Charts, OPMET information, SIGMET, Aerodrome Warnings and low level forecasts for TEL-AVIV FIR available in ICAO abbreviated language text or in English
7	<i>Charts and other information available for briefing or consulting</i>	Low level and upper wind and temperature chart for standard isobaric surface. Significant weather chart (low level, medium and high level)
8	<i>Supplementary equipment available for providing information</i>	Meteorological information terminal available at meteorological station in the AD containing: weather radar, weather satellite image display and animation, Upper Air temperature & wind profiles derived from Israeli radiosonds and AMDAR reports , SIGWX and T+W charts and updated OPMET information
9	<i>ATS units provided with information</i>	Eilat TWR
10	<i>Additional information (limitation of service, etc.)</i>	Nil

LLET AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

<i>Designations RWY NR</i>	<i>TRUE BRG</i>	<i>Dimensions of RWY (M)</i>	<i>Strength (PCN) and surface of RWY and SWY</i>	<i>THR coordinates RWY end coordinates THR geoid undulation</i>	<i>THR elevation and highest elevation of TDZ of precision APP RWY</i>
1	2	3	4	5	6
03	028.30°	1 900 X 30	40/F/B/X/T Asphalt	293317.45 N 0345723.71 E 293403.51 N 0345751.88E GUND 16.5 M	THR 16 FT
21	208.30°	1 900 X 30	40/F/B/X/T Asphalt	293403.51 N 0345751.88E 293309.08N 0345718.59E GUND 16.5 M	THR 43 FT
<i>Slope of RWY-SWY</i>	<i>SWY Dimensions (M)</i>	<i>CWY Dimensions (M)</i>	<i>Strip Dimensions (M)</i>	<i>OFZ</i>	<i>Remarks</i>
7	8	9	10	11	12
+0.26%/-0.3%/+0.16%/+0.96% (250M) (233M)(767M) (650M)	Nil	Nil	2 020 X 150	Nil	When Wet conditions prevail, execute medium to good braking action along first and last third of the RWY.

-0.96% / -0.16%/+0.3%/-0.26% (650 M)(767M) (233M) (250M)	288	Nil	2 020 X 150	Nil	RWY shoulders reinforced with coated asphalt 7.5 m width (each)
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LLET AD 2.13 DECLARED DISTANCES

<i>RWY designator</i>	<i>TORA (M)</i>	<i>TODA (M)</i>	<i>ASDA (M)</i>	<i>LDA (M)</i>	<i>Remarks</i>
1	2	3	4	5	6
03	1 900	1 900	1 900	1 612	Nil
21	1 612	1 612	1 612	1 612	Nil

LLET AD 2.14 APPROACH AND RUNWAY LIGHTING

<i>RWY Designator</i>	<i>APCH LGT type LEN INTST</i>	<i>THR LGT colour, WBAR</i>	<i>VASIS (MEHT) PAPI</i>	<i>TDZ LGT LEN</i>	<i>RWY Centre Line LGT Length, spacing, colour, INTST</i>	<i>RWY edge LGT LEN, spacing colour INTST</i>	<i>RWY End LGT colour WBAR</i>	<i>SWY LGT LEN (M) colour</i>	<i>Remarks</i>
1	2	3	4	5	6	7	8	9	10
03	SALS 460M RLLS REIL UNI	Green	PAPI Right/3°	Nil	Nil	1 900 M 50 M White, LIH	Red	Nil	Nil
21	SALS 165M REIL UNI	Green	A PAPI Left/3° Right/3°	Nil	Nil	1 900 M 50 M White, LIH	Red	Nil	Nil

LLET AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	<i>ABN/IBN location, characteristics and hours of operation</i>	ABN: At South of airport, on top of "Neptune" hotel building, FLG W EV 2 SEC/IBN: Nil in IMC and at night
2.	<i>LDI location and LGT ANEMOMETER location and LGT</i>	Nil 70 M East of RWY centerline at both RWY ends, LGT.
3.	<i>TWY edge and centre line lighting</i>	Edge: All taxiway Centre: Nil
4.	<i>Secondary power supply/switch-over time</i>	Secondary power supply to all lighting at AD Switch-over time: 20 SEC.
5.	<i>Remarks</i>	Nil

LLET AD 2.16 HELICOPTER LANDING AREA

FATO to active RWY and taxiing to general aviation apron
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LLET AD 2.17 ATS AIRSPACE

1.	<i>Designation and lateral limits</i>	Eilat CTR/CTA CTR - 294229N 0350110E southward along the Israel/Jordan border to 292800N 0345700E - 292800N 0345400E northward along the Israel/Egypt border to 294102N 0345129E - 294102N 0345600E - 294229N 0345620E - to point of origin. CTA - 295000N 0350331E southward along the Israel/Jordan Border to 294229N 0350110E - 294229N 0345620E - 295000N 0345800E to point of origin.
2.	<i>Vertical limits</i>	CTR - SFC to 9 000 FT MSL CTA - 2 000 to 9 000 FT MSL
3.	<i>Airspace classification</i>	D
4.	<i>ATS unit call sign Language(s)</i>	Eilat Tower English (See GEN. 3.4-2)
5.	<i>Transition altitude</i>	Nil
6.	<i>Remarks</i>	Nil

LLET AD 2.18 ATS COMMUNICATION FACILITIES

<i>Service designation</i>	<i>Call sign</i>	<i>Frequency</i>	<i>Hours of operation</i>	<i>Remarks</i>
1	2	3	4	5
APP/TWR	Eilat Control	121.800 MHz 119.000 MHz	H24 H24	Primary freq. Secondary Freq.
ATIS	Eilat Information	121.500 MHz 132.550 MHz	H24 H24	Emergency freq.

LLET AD 2.19 RADIO NAVIGATION AND LANDING AIDS

<i>Type of aid, MAG VAR CAT of ILS/MLS (For VOL/ILS/MLS, give declination)</i>	<i>ID</i>	<i>Frequency</i>	<i>Hours of operation</i>	<i>Site of transmitting an- tenna coordinates</i>	<i>Elevation of DME transmitting antenna</i>	<i>Remarks</i>
1	2	3	4	5	6	7
VOR/DME (4E/2008)	LOT	112.000 MHz	H24	293629.1N 0345834.6E	200 FT	See ENR 4.1-1

LLET AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Aircraft wishing to land and/or park should submit request to the Eilat Coordination Centre for prior permission.

At Eilat Airport a number of local regulations apply. The regulations are collected in a manual which is available at the AIS briefing office. 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 taxi 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.

Marshaller assistance can be requested and further information about the regulations can be obtained from the TWR.

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

Low flying over the city of Eilat (except landing/take-off) is prohibited.

Jet operations prohibited daily between 2130-0700 local time.

2. Taxiing to and from stands

Arriving aircraft will be allocated a stand number by the TWR, general aviation aircraft will have to use the general aviation parking area.

Departing flights shall contact the TWR to obtain start-up clearance only when aircraft is ready to start-up.

Pilot shall be ready for taxi within 10 minutes from obtaining start-up clearance.

ATC clearance will normally be issued, after A/C start-up and prior of taxi.

Parking of B757-200 permitted on positions 2 and 5, B757-300 on position 2 only. Back-track on RWY 03 in order to line-up is not permitted.

Pilot cleared to line-up shall be ready for immediate take-off; if unable, notify ATC in advance.

Pilots lining on RWY 03 shall execute a right turn so as to avoid blast onto the tarmac.

**3. Parking area for small aircraft
(General aviation)**

Marshalls shall not guide general aviation small aircraft to parking area.

Parking at the general aviation apron, shall be west of the broken yellow line.

4. Parking area for helicopters

Helicopters shall park in the general aviation parking area. Marshaller assistance can be requested via the TWR.

**5. Apron – taxiing during
low visibility**

NIL

6. Taxiing – limitations

Insufficient safety distances restrict large aircraft when using their own power. Marshaller assistance may be given to/from stand.

Departing aircraft shall use minimal power on break-away from parking position.

**7. School and training flights –
technical test flights – use of runways**

A flight plan shall be filed for the flight concerned and submitted to the Eilat/Tel-Aviv AIS. Permission must be obtained for each flight from Eilat TWR prior to flight.

8. Helicopter Traffic – limitation

Non-scheduled public air traffic with helicopter is permitted only after prior approval from Eilat Aerodrome Administration. Any contact concerning the above shall be made via the handling company or directly to the office during the hours of service. If possible, not later than the day before the flight is to be carried out.

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)

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

**9. Removal of disabled aircraft
from runways**

Any aircraft involved in an accident shall be removed from the accident site only after obtaining permission of the chief investigator of aircraft accidents/incidents, or from the head of the investigation committee.

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.

10. General Aviation IFR flights on Saturdays

During Saturdays, between 1400 and 2230 LT, General Aviation aircraft whose cruising speed is less than 140 KT shall file a CVFR flight plan up to ZOFAR, and an IFR flight plan along J10 thereafter, due to traffic congestion.

LLET AD 2.21 NOISE ABATEMENT PROCEDURES

TBD

LLET AD 2.22 FLIGHT PROCEDURES

General

Flights within Eilat CTR shall be in accordance with Instrument Flight Rules (IFR) and with the Controlled Visual Flight Rules (CVFR) .

Procedures for IFR flights within Eilat CTR

NIL

Arrivals - via ATS route J-10

Refer to AD 2.1-24, AD 2.1-24A, AD 2.1-24B, AD 2.1-24C, as directed by ATC.

Arrivals - via ATS route R-650

Cross NALSO at the assigned altitude by ATC, proceed to LOT VOR heading 044 (LOT RDL 224) and proceed as specified above (Arrivals – via J-10).

Arrivals – via ATS route R-652

(Prior special permission required)

Cross the border between Jordan and Israel (from BAKIR proceed to LOT-VOR) at the assigned altitude by ATC and proceed as specified above (Arrivals – via J-10).

Departures via ATS route J-10

Refer to AD 2.1–17, AD 2.1-17A, AD 2.1-17B.

Departures via ATS route R-650

TBD.

Departures via ATS route R-652

TBD.

Procedures for flights from Eilat To Aqaba

All flights will contact by telephone the Israeli Security Center before starting up (Tel. +972-3-9599800). Tower controller shall verify this action with pilot prior to start up clearance.

By prior coordination, Eilat ATC will verify the appropriate RWY in use in Aqaba aerodrome.

IFR Traffic between Eilat and Aqaba Aerodromes

Traffic from Aqaba Airport to Eilat Airport:

- a) When RWY 19 in use at Aqaba (Eilat operating on RWY 21): After takeoff traffic shall climb to altitude 2800 feet QNH on airway Radial 194 from AQB-VOR until 10.0 DME. Then traffic will turn right to intercept Radial 017 from LOT-VOR for VOR/DME Approach to runway 03 as pub-

lished in Israel AIP, circle to land on runway 21 at Eilat.

- b) When RWY 01 in use at Aqaba (Eilat operating on RWY 03): After takeoff traffic shall follow RAHMA RWY 01 Departure. After passing BAKIR turn right to LOT-VOR and follow ATC instruction to enter the holding pattern or intercept Radial 007 for the VOR/DME Approach RWY 03 Eilat, as published in Israel AIP.

Traffic from Eilat Airport to Aqaba Airport:

- a) When RWY 21 in use at Eilat (Aqaba operating on RWY 19): After takeoff traffic shall follow SID SAMAR 1B until 2500 feet QNH, and continue climb to 3200 feet QNH south bound heading 190 until 10.0 DME from VOR-LOT. Traffic shall turn left to intercept VOR/DME ILS Approach RWY 01 Aqaba then circle to land on runway 19 at Aqaba as published in Jordan AIP.
- b) When RWY 03 in use at Eilat (Aqaba operating on RWY 01): After takeoff traffic shall follow SID SAMAR 1A climbing to 6300 feet QNH, upon crossing 4000 feet QNH traffic shall turn left to LOT-VOR, After passing LOT-VOR traffic shall turn left (maximum speed 180 kts IAS during turn) and intercept Radial 194 from AQB-VOR for VOR/DME ILS Approach RWY 01 at Aqaba as published in Jordan AIP

VFR Traffic between Eilat and Aqaba Aerodromes

Traffic from Aqaba Airport to Eilat Airport:

- a) When RWY 19 in use at Aqaba (Eilat operating on RWY 21): After T/O maintain on R/W HDG climbing to 2000 feet QNH. After passing the coast line by 2 NM turn right to join right hand downwind R/W 21 at Eilat .
- b) When RWY 01 in use at Aqaba (Eilat operating on RWY 03): After T/O maintain on R/W HDG climbing 1000 feet QNH Turn left before reaching 3 NM of R/W end, and climb to 2000 feet to join left hand downwind R/W 03 at Eilat.

Traffic from Eilat Airport to Aqaba Airport:

- c) When RWY 21 in use at Eilat (Aqaba operating on RWY 19): Climb on assigned departure heading, maintain 2000', thence turn RIGHT to cross over the city of EILAT (at the down wind RWY 21 heading), proceed 3 nm after passing abeam

- AQABA threshold RWY 19, turn RIGHT and follow AQABA ATC instructions.
- d) When RWY 03 in use at Eilat (Aqaba operating on RWY 01): Climb left turn to cross over the city of EILAT, maintain 2000' (at the downwind RWY 03 heading), proceed for 2 nm off coast line, then turn LEFT and follow AQABA ATC instructions

Communication Failure Procedure

Communication failure

- 1) Set the transponder to Code 7600;
- 2) Keep Transmitting ("Blind Transmission") on the tower Frequency - 121.8 or 119.0 MHz, or on 121.5 MHz.
- 3) If Able, Contact the tower by Telephone (+972-8-6363804) and inform the tower about your intentions.
- 4) If in Visual Meteorological Conditions (VMC), continue to fly in VMC and:
 - 4.1 If approach clearance already received:
 - 4.1.1 Proceed with the approach procedure, and join the traffic pattern of the designated runway at last assigned altitude,

- 4.1.2 Complete 2 full circuits according to AD 2.1-25.
- 4.1.3 On second circuit descend to appropriate circuit altitude on "Down Wind Leg",
- 4.1.4 Land upon receiving Green light from the tower.
- 4.1.5 In case of red light received from the tower, do not land and join the down-wind leg.
- 4.2 If approach clearance was not received:
 - 4.2.1 Proceed to LOT VOR at the last assigned altitude, but not higher than 9,000 feet.
 - 4.2.2 Perform and complete 2 full Holding patterns.
 - 4.2.3 On the third holding pattern, descend to 4000 feet.
 - 4.2.4 Determine the Runway in Use, using ATIS, observing the traffic pattern and/or the wind direction indicator ("Wind Sac").
 - 4.2.5 After passing LOT VOR, continue and descend to join the circuit, according to AD 2.1-25.
 - 4.2.6 Land after receiving green light from the tower.
 - 4.2.7 In case of red light received from the tower, do not land and join the down-wind leg.
- 5) If still in Instrument Meteorological Conditions (IMC), The Approach and landing is not permitted. At LOT VOR Holding pattern Climb to 6000 feet and proceed to alternate aerodrome.

Take off Minima for IFR Departures

A, B, C	ALL RWYS
	1500 M

LLET AD 2.23 ADDITIONAL INFORMATION
Bird concentration in the vicinity of the airport

Spring migration in the vicinity of Eilat, species and dates (dates are approximated):

- White Stork and Black Stork: 20 FEB – 20 APR
- Common Crane: 20 FEB – 20 APR
- Steppe Eagle: 20 JAN – 1 APR
- Common Buzzard: 20 FEB – 20 MAY
- Honey Buzzard: 20 APR – 20 MAY
- Levant Sparrowhawk: 20 APR – 10 MAY

Autumn migration over Eilat, species and dates (approximated):

- Common Crane: 10 OCT – 20 DEC
- Steppe Eagle: 1.11 – 20.12

Winter over Eilat area:

- 1 OCT – 20 MAR: Big flocks of Great cormorants. Their main roosts are at sea, or at the Aqaba Birding Center which is located 2 km east of the Eilat. Their average morning routine involves flying to their feeding sites at Eilat's sewage ponds, and at Eilat reservoir (located roughly 34Km south of the city). Birds cross the air-space in low to medium height.
- Imperial Eagles, Spotted Eagles and Bonelli's Eagles spend the winter in low numbers throughout the area and cross the air-space on a daily basis.

Summer in Eilat area:

Sooty Falcons, Barbary Falcons and Egyptian Vultures are known to breed in the mountains surrounding Eilat. Their breeding season is between MAR 1st and OCT 15th and known to cross the air-space on a daily basis.

See AD 2.1-27

LLET AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart	AD 2.1-11
Aircraft Parking Chart	AD 2.1-13
Aerodrome Obstacle Chart – ICAO Type A (RWY 03/21).....	AD 2.1-15
Standard Departure Chart – Instrument SID SAMAR 1A, 1B	AD 2.1-17
Standard Departure Route – Visual RWY 21, HADAR Y Visual.....	AD 2.1-17A
Standard Departure Route – Visual RWY 21, HADAR Z Visual	AD 2.1-17B
Standard Departure Chart – Instrument SID EITAN 1A.....	AD 2.1-17C/O
Visual Approach Chart – KITOR Y APPROACH RWY 21	AD 2.1-24
Visual Approach Chart – RODED VISUAL RWY 03	AD 2.1-24A
Visual Approach Chart – DAKAR APPROACH RWY 03	AD 2.1-24B
Visual Approach Chart – NESICHA APPROACH RWY 03	AD 2.1-24C
Visual Approach Chart – KITOR VISUAL RWY 21.....	AD 2.1-24D
Visual Circuit Chart	AD 2.1-25
Bird concentrations in the vicinity of aerodrome.....	AD 2.1-27