

EKKA - KARUP AIR BASE**1. AERODROME LOCATION INDICATOR AND NAME**

EKKA – HELICOPTER WING KARUP

2. AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	561750.85N 0090728.66E THR RWY 27L
2	Direction and distance from (city)	233° / 13.5 NM from Viborg 032° / 11.0 NM from Herning
3	AD ELEV REF temperature	170 FT AMSL Not avbl.
4	MAG VAR Annual change	1.2° W (JAN 2010) Decreasing 10'
5	AD administration Postal address Telephone Telefax Telex AFTN Email	Helicopter Wing Karup Herningvej 30, Kølvrå DK-7470 Karup J +45 99 62 49 20 +45 99 62 49 32 66169 EKKAZPZX/EKKAZPZP wkar-wingops@mil.dk
6	Types of traffic permitted	IFR/VFR

3. OPERATIONAL HOURS

1	AD administration	MON - THU 0630-1430 (0530-1330) FRI 0630-1230 (0530-1130)
2	Customs and immigration	As AD administration
3	Health and sanitation	Medical service AVBL
4	AIS briefing office	As AD administration
5	ATS reporting office	As AD administration
6	MET briefing office	MON - FRI 0500-1430 (0400-1330) FRI 0500-1300 (0400-1200) MO EKMK: OUTSIDE MO EKKA HR
7	ATS	H24
8	Fuelling	MON-THU 0630-1800 (0530-1700) UTC FRI 0630-1430 (0530-1330) UTC SAT-SUN 0700-1100 (0600-1000) UTC
9	Handling	As AD administration
10	Security	H24
11	De-icing	As AD administration.Limited capacity.
12	Remarks	PPR 24 HR for landing. Weekends and holidays closed.

4. HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	YES
2	Fuel/oil types	F34 (JET A) F18 (limited capacity), F40/O-123, O-128, O-133, O-134, O-136, O-148, O-149, H-515
3	Fuelling facilities/capacity	Outside operational hours limited capacity (20.000 litres) F34
4	Oxygen	LOX
5	De-icing facilities	Yes
6	Hangar space for visiting aircraft	NIL
7	Repair facilities for visiting aircraft	YES (See AD 2.1-1 Para 3)
8	Remarks	

5. PASSENGER FACILITIES

1	Hotels	Limited MIL accommodation on base, hotels in Viborg and Herning
2	Restaurants	Cafeteria on base
3	Transportation	Buses near main gate
4	Medical facilities	Infirmery on base, hospitals in Viborg and Herning.
5	Bank and post office	In Karup, 3 km
6	Tourist office	In Karup, 3 km
7	Remarks	

6. RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Mon to Fri 0630 - 1745 (0530 - 1645) CAT 6 (7) 1745 - 0630 (1645 - 0530) CAT 4 (7) Weekends and holidays CAT 4 (7)
2	Rescue equipment	Compliant with CAT
3	Capability for removal of disabled aircraft	Limited
4	Remarks	

7. SEASONAL AVAILABILITY - CLEARING

1	Seasonal availability	All seasons
2	Clearance/removal equipment	Yes
3	Remarks	Caution advised in winter during ice conditions. See snow plan in section AD 1.2-2

8. APRONS, TAXIWAYS AND CHECK LOCATION DATA

1	Apron surface and strength	Concrete/Asphalt LCN btn 35-45
2	Taxiway width, surface and strength	50-80 ft, Asphalt/concrete LCN btn 45-65
3	ACL location and elevation	Nil
4	VOR/INS checkpoints	Nil
5	Remarks	

9. SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM MARKING

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft signs	TWY ID signs established. Taxi guidelines available. Visual docking/parking system not avbl
2	RWY and TWY markings and LGT	RWY day marking: 09R/27L: THR, RWY designator, TDZ, CL, EDGE. 09L/27R: THR, RWY designator, CL. 04/22 and 14/32: THR, RWY designator, CL, EDGE. RWY LGT: See Item 2.14 TWY day marking: Yellow centre line and holding positions TWY lgt: See Item 2.15
3	Stop bars	Stop bars where appropriate
4	Remarks	

10. AERODROME OBSTACLES

All relevant obstacles are illuminated.

11. METEOROLOGICAL INFORMATION PROVIDED

See GEN 3-5-2 and GEN 3-5-3

12. RUNWAY PHYSICAL CHARACTERISTICS

RWY designator	TRUE BRG	Dimension of RWY	Strength and surface of RWY and SWY	THR coordinates	THR elevation
					TDZ elevation
1	2	3	4	5	6
09R	089.3°	9607 x 150 ft	LCN 65 asphalt/concrete	561749.74N	THR 154.00
				0090438.39E	TDZ 160.00
27L	269.3°			561750.85N	THR 170.00
				0090728.66E	TDZ 170.00
09L	089.3°	9816 x 75 ft	LCN 45 asphalt	561756.70N	THR 154.00
				0090439.44E	TDZ 160.00
27R	269.3°			561757.84N	THR 170.00
				0090733.43E	TDZ 170.00

	Slope of RWY-SWY	SWY dimensions	CWY dimensions	Strip dimensions	OFZ	Remarks
	7	8	9	10	11	12
09R	Less than 1%	745x150 FT	NIL	NIL	NIL	
27L		755x150 FT				
09L		573x75 FT				
27R		466x75 FT				

12.1 Runway Physical Characteristics Other Runways

RWY designator	TRUE BRG	Dimension of RWY	Strength and surface of RWY and SWY	THR coordinates	THR elevation
					TDZ elevation
1	2	3	4	5	6
04	034°	2818 x 50 ft	Strength N/A Asphalt/concrete	561754N 0090620E	N/A
22	214°			561817N 0090648E	N/A
14	135°	2152 x 75 ft	Strength N/A asphalt/concrete	561810N 0090647E	N/A
32	315°			561755N 0090714E	N/A
09	089°	2789 X 147 FT	Grass	N/A	N/A
27	269°			N/A	N/A

13. DECLARED DISTANCES

RWY Designator	TORA (ft)	TODA (ft)	ASDA (ft)	LDA (ft)	Remarks
1	2	3	4	5	6
09R	9607	9607	10352	9607	
27L	9607	9607	10362	9607	
09L	9816	9816	10389	9816	
27R	9816	9816	10282	9816	
04/22	2936	2936	2936	2936	
14/32	2293	2293	2293	2293	
09/27 grass	2789	2789	2789	2789	

14. APPROACH AND RUNWAY LIGHTING

RWY	APP LGT	THR	PAPI	TDZ LGT	RWY CL	RWY EDGE	RWY END	OVRN	Rem.
09R	NATO STD	GREEN LIH	2,75°		LIH	LIH	RED LIH	LIH	
27L	CAT II	GREEN LIH	2,75°	LIH	LIH	LIH	RED LIH	LIH	
09L		GREEN LIL	2,75°			LIL	RED LIL		
27R		GREEN LIL	2,75°			LIL	RED LIL		
04						BLUE			
22						BLUE			
14						BLUE			
32						BLUE			
09 GRASS									
27 GRASS									

15. OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location characteristics and hours of operation	NIL
2	LDI indication and LGT Anemometer location and LGT	NIL E and W end of rwy 27I/09r near GP antenna
3	TWY edge and centreline lighting	Blue edge lgt
4	Secondary power supply switch-over time	15 Sec. During Cat II operation 1 Sec. on RWY 27L.
5	Remarks	

16. HELICOPTER LANDING AREA

Helicopter operations from existing RWY's

17. ATS AIRSPACE

1	Designation and lateral limits	KARUP CTR From 562138N 0085025E - 562138N 0085555E - 562448N 0090255E - 562628N 0091755E - 562158N 0092255E - 561358N 0092255E - 561358N 0091725E - 561048N 0091025E - 561048N 0090555E - 561248N 0090255E - 561248N 0085755E - 561328N 0085555E - 561328N 0085025E TO 562138N 0085025E.
2	Vertical limits	GND - 1.500 FT MSL
3	Airspace classification	D
4	ATS unit call sign Language(s)	KARUP TOWER EN, DA
5	Transition altitude	3.000 FT
6	Remarks	For description of KA TMA see ENR 2.1-5

18. ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	KARUP APPROACH	120.425 292.75 362.30+	H24	FL 250/50 NM + As required
TWR	KARUP TOWER	119.575 121.50++ 241.650 257.80 243.00++	H24 H24 H24 H24 H24	FL 040/25 NM FL 250/50 NM FL 040/25 NM
ATIS	KARUP AIRPORT INFORMATION	120.575	H24	DOC: FL 200/60 NM Language: EN
ARR	KARUP ARRIVAL	121.5++ 241.75+ 344.0+ 243.0++	MON-THU 0630-1430 0630-1230	+ As required + As required
RESERVED		122.1 360.65 385.40	On request	FL 040/25 NM FL 040/25 NM

19. RADIO NAVIGATION AND LANDING AIDS

Type of aid Cat of ILS/MLS (Variation)	ID	Frequency Mhz	Hours of opera- tion	Site of transmitting antenna coordinates	Remarks
1	2	3	4	5	7
TACAN 0° (2008)	KAR	CH 37x	H 24	561748.03N 0090030.95E	Coverage FL500/200NM Max. range 60 NM,
TAR/SSR		Wave length 10cm	H 24	561729.46N 0090626.22E	40.000FT
L	KA	369 Khz	H 24	561754.42N 0091413.05E	Coverage 20 NM.
LLZ 27L CAT II	KR	108.15		561749.60N 0090416.19E	
ILS GP 27L		334.55		561746.82N 0090715.16E	Angle 2.75°
DME 27L	KR	CH 18Y	H 24	561746.98N 0090715.12E	Frq. paired with LLZ 27L dist. ref.
L	KP	351 Khz	H 24	561747.51N 0085806.53E	to DME posn. Coverage 20 NM.
LLZ 09R CAT I	KAP	108.30		561750.95N 0090745.29E	
DME 09R	KAP	CH 20x	H 24	561745.22E 0090452.04E	Angle 2.75°
ILS GP 09R		334.10		561744.99N 0090452.08E	Angle 2.75°

20. LOCAL TRAFFIC REGULATIONS

1. Parachuting is frequently carried out at:
Skive aerodrome, pos: 563301N 091023E.
Viborg aerodrome, pos: 562436N 092433E.
See also ENR 5.5 Aerial Sporting and recreational facilities.
2. Local ATS Area established and described in ENR 2.1-3
The area is primarily used for arriving and departing military flights and special flights.
3. RDAF Flying School
Intensive light aircraft basic training activity Monday-Friday 0800-1530 local time.
Training areas for School flights is established in the northern and southern part of Karup TMA. School flights in traffic circuit for RWY 09/27 grass at 1.000 ft, south of runways.
4. Shooting range, located aprx 1 NM N of RWY's Activity all weekdays, safe altitude 800ft.
5. Outside operational hours glider activity may be expected from:
Herning aerodrome: 561105N 0090235E.
Viborg aerodrome: 562436N 0092433E.
Norre Felding glidersite: 561758N 0083455E.

21. NOISE ABATEMENT PROCEDURES

1. . After take-off from or after missed approach to RWY 09R or RWY 09L turn must not be commenced before reading DME KAP CH20x 4.0 NM. Aircraft without DME equipment must not commence turn before 2000 FT MSL has been reached.
2. After Take-off RWY 09R/L afterburner/reheat normally has to be cut off before reaching the Northeast/Southwest going main road (Viborg-Herning) just east of the airfield.

22. FLIGHT PROCEDURES

1. IFR Arrival
 - 1.1 Aircraft with destination Karup will normally be cleared by ACC KØBENHAVN to locator KA, locator KP, KAR TACAN, REVBO or RIKSU. Aircraft with other destination than KARUP inside LTA KARUP will be cleared direct destination.
 - 1.2 Radio communication failure
Navigation aid designated for radio communication failure during IMC for arriving aircraft is
 - L KA when RWY 27L is expected runway in use
 - L KP when RWY 09R is expected runway in use
 - 1.3 Use of ILS for approach in VMC
When ILS is intended used for approach in VMC, ATC must be advised at least 5 minutes before beginning the approach, as the critical areas in front of the ILS facilities normally may be expected only to be kept free of disturbing objects in IMC.
 - 1.4 Precision Approach. Category II Operations
The operations are subject to the following procedures and conditions:
 - a. ATC procedures.
ATC will apply special safeguards and procedures during Category II operations. These procedures will only be introduced when the ceiling is 200 FT or less and/or RVR 800 M or less. The minimum distance between an aircraft on final approach carrying out a Category II ILS approach and any other preceding aircraft will not be less than 5 NM. The separation must be established at the latest when preceding aircraft passes THR.

Departing aircraft must have commenced take-off run before arriving aircraft has left 2000 FT on final approach.

- b. Pilot procedures.
Pilots who intend to carry out a Category II ILS approach are to use the following phrase:
"Request Category II ILS approach runway 27 L".

2. IFR Departure

2.1 Standard Instrument Departures

Standard Instrument Departures (SID) have not been established.

2.2 Omnidirectional departure

Climb straight ahead to at least 800 FT MSL before turn is commenced. If departing from 09R/L, see para. 21 (noise abatement procedures).

3. VFR Flights

- 3.1 VFR reporting points, VFR holdings and VFR routes are established, see ANC 1:500000

23. ADDITIONAL INFORMATION

NIL

24. CHARTS RELATED TO EKKA

Visual Approach Chart
ILS/DME RWY 09R
L/DME RWY 09R
HI-TACAN RWY 09R

Aerodrome Chart
ILS/DME RWY 27L
L/DME RWY 27L
HI-TACAN RWY 27L



Helicopter Wing Karup



PRIOR PERMISSION REQUIRED (PPR) REQUEST FORM FOR EKKA

***** PPR to be submitted NLT 24 HRS prior to ETA *****

To: Air Base Karup C/o Helicopter Wing Karup Wing Operation Center Herningvej 30 DK-7470 Karup J.	Phone: +45 97 10 15 50 ext. 3110 Fax: +45 99 62 49 32 AFTN: EKKAZPZX E-mail: wkar-wingops@mil.dk
---	---

APPLICANTS DETAILS

Name of Requesting Unit / Operator	
Address	
Postal Code	
Nation	
Phone	
Fax	
AFTN Address	
Email Address	

FLIGHT DETAILS

Aircraft Type	Aircraft Reg.	Callsigns	/
Route (ICAO)	- - - - -	- - - - -	- - - - -
1. ETA (UTC)/ Date	PAX IN	Cargo IN	
1. ETD (UTC)/ Date	PAX OUT	Cargo OUT	
2. ETA (UTC)/ Date	PAX IN	Cargo IN	
2. ETD (UTC)/ Date	PAX OUT	Cargo OUT	
Dangerous cargo			
Purpose of Flight			

REQUEST OF SERVICES

Marshalling	YES / NO	Remarks	
Parking	YES / NO	Remarks	
Ground Power Unit	YES / NO	Remarks	
Fuel *)	YES / NO	Quantity:	Type:
Hangar Space	YES / NO	Remarks	
Toilet Service	YES / NO	Remarks	
Cleaning	YES / NO	Remarks	
Water	YES / NO	Remarks	
De-icing	YES / NO	Remarks	
Crew Transport	YES / NO	No. of crew:	To:
Flight Plan (AFTN)	YES / NO	NOTAM	YES / NO
TAF METAR SIGWX	YES / NO	Height Winds	YES / NO
Other Services			

*) Fuel payment by NATO REQUEST (NAREQ) and billing.

This PPR Request Form is available on <http://www.ftk.dk/milais/pprekka.doc> or contact Wing Operation Center, phone +45 97 10 15 50 ext. 3110.

Delays may cause landing permission to be withdrawn or have consequences for requested services. See OPERATIONAL HOURS, EKKA AD 2.1-1