

**EKSP - SKRYDSTRUP AIR BASE****1. AERODROME LOCATION INDICATOR AND NAME**

EKSP – FIGHTER WING SKRYDSTRUP

**2. AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	551331.99N 0091550.15E TWR
2	Direction and distance from (city)	215°/1,8 NM from Vojens
3	AD Elevation REF temperature	141 FT AMSL 21.5°C
4	MAG VAR Annual change	4° (JAN 2023) Increasing 11' / 0.19°E
5	AD administration Postal address  Telephone Telefax AFTN Email	Fighter Wing Skrydstrup Lilholtvej 2, Skrydstrup DK-6500 Vojens  +45 72 84 81 22 +45 72 84 81 26 EKSPZPZX fw-wingops@fiin.dk
6	Types of traffic permitted	IFR/VFR
7	Remarks	

**3. OPERATIONAL HOURS**

1	AD administration	MON – THU 0630-1430 (0530-1330) FRI 0630-1230 (0530-1230)
2	Customs and immigration	On call H24
3	Health and sanitation	Medical service AVBL H24
4	AIS briefing office	H24 (W-OPS)
5	ATS reporting office	H24 (W-OPS)
6	MET briefing office	MON - THU 0430-1430 (0330-1330) FRI 0430-1230 (0330-1130) MWO EKKA: OUTSIDE MWO EKSP HR
7	ATS	H24
8	Fuelling	H24
9	Handling	As AD administration
10	Security	H24
11	De-icing	As AD administration
12	Remarks	PPR 24 HR

#### 4. HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	YES
2	Fuel/oil types	F-18 (limited capacity), F-34/ O-123, O-148, O-149, O-156, H-515
3	Fuelling facilities/capacity	No limitation
4	De-icing facilities	YES
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	YES
7	Remarks	

#### 5. PASSENGER FACILITIES

1	Hotels	In Vojens
2	Restaurants	In Vojens
3	Transportation	Limited military transportation Taxis, buses and train from Vojens.
4	Medical facilities	Infirmery on base. Hospital in Aabenraa. Local doctors in Vojens.
5	Bank and post office	In Vojens
6	Tourist office Telephone	In Haderslev (Visit Haderslev) +45 73 70 92 21
7	Remarks	

#### 6. RESCUE AND FIREFIGHTING SERVICES

1	AD category for fire fighting	CAT 5 (H24). Higher CAT on request.
2	Rescue equipment	Cutter and spreader.
3	Capability for removal of disabled aircraft	Crane available: MON - THU 0700-1500 local time FRI 0700-1200 local time On request outside opening hours.
4	Remarks	Category may not be maintained during snow and ice removal. Airbase fire crew cannot perform interior firefighting and egress/extrication of crew in aircraft.

#### 7. RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING, AND SNOW PLAN

1	Types of cleaning equipment	Snow ploughs, snow blowers, spreaders and sweepers.
2	Clearance priorities	1: Main RWY 2: TWY for alert aircraft 3: Other TWY
3	Remarks	

**8. APRONS, TAXIWAYS AND CHECK LOCATION/POSITIONS DATA**

1	Apron NW surface and strength Apron SW	PCN 79 R/D/W/T Concrete PCN 31 F/D/W/T Asphalt
2	Taxiway width  Taxiway surface and strength	TWY D north: 80 FT TWY N: 73 FT other TWY's: 50 FT TWY A north: PCN 90/F/D/W/T Asphalt/Concrete TWY A south: PCN 90/F/D/W/T Asphalt/Concrete TWY B north: PCN 85/F/C/W/T Asphalt/Concrete TWY B south: PCN 90/F/C/W/T Asphalt/Concrete TWY C north: PCN 90/F/D/W/T Asphalt/Concrete TWY C south: PCN 90/F/D/W/T Asphalt/Concrete TWY D north: PCN 83/F/D/W/T Asphalt/Concrete TWY D south: PCN 90/F/D/W/T Asphalt/Concrete TWY N: PCN 90/F/A/W/T Asphalt/Concrete TWY S4: PCN 31 F/D/W/T Asphalt TWY all SQD: PCN 90/F/A/W/T Asphalt/Concrete
3	ACL location and elevation	Not established
4	VOR/INS checkpoints	VOR/TACAN/DME checkpoint at ORP's
5	Remarks	

**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	TWY ID signs partly established, unlit. Visual docking/parking system not avbl.
2	RWY and TWY markings and LGT	RWY day markings: 10L/28R: THR, RWY designator, TDZ, CL, EDGE. 10R/28L: THR, RWY designator, CL. RWY LGT: See Item 2.14 TWY day markings: Yellow centre line, holding positions. TWY LGT: See Item 2.15
3	Stop bars	RGL
4	Remarks	

**10. AERODROME OBSTACLES**

Obstacles for Area 2 and 3 are not provided								
Obstacles penetrating obstacle limiting surfaces								
OBST ID	OBST type	OBST position		ELEV / HGT (ft)		Markings / Type, Colour	Obstacle limiting surfaces	
							Surface	Penetration (ft)
099860	Antenna	55 15 42.39N	009 13 26.67E	397	194	LIL F R	Conical	71.96
3062	Power pole	55 12 12.05N	009 19 45.36E	326	131	LIL F R	Inner Horizontal	54.36
3061	Power pole	55 12 02.43N	009 19 35.41E	321	144		Inner Horizontal	49.36
3071	Power pole	55 12 27.42N	009 20 00.85E	318	144	LIL F R	Inner Horizontal	46.36
3072	Power pole	55 12 36.28N	009 20 09.79E	316	144	LIL F R	Inner Horizontal	44.36
099611	Antenna	55 11 46.97N	009 17 38.67E	315	164		Inner Horizontal	43.16
3070	Power pole	55 12 18.62N	009 19 52.13E	314	131	LIL F R	Inner Horizontal	42.36
3073	Power pole	55 12 46.23N	009 20 19.74E	313	144	LIL F R	Inner Horizontal	41.36
1990	Power pole	55 13 13.71N	009 20 25.48E	313	144		Inner Horizontal	41.36
2068	Power pole	55 13 35.25N	009 20 22.23E	311	150		Inner Horizontal	39.36
3060	Power pole	55 11 53.61N	009 19 26.97E	308	144		Inner Horizontal	36.36
3069	Power pole	55 11 03.24N	009 18 16.21E	307	150		Inner Horizontal	35.36
3056	Power pole	55 11 09.32N	009 18 27.24E	305	150		Inner Horizontal	33.36
2062	Power pole	55 13 02.75N	009 20 27.19E	304	137		Inner Horizontal	32.36
2067	Power pole	55 13 23.78N	009 20 24.10E	304	144		Inner Horizontal	32.36
3059	Power pole	55 11 44.86N	009 19 18.27E	301	144		Inner Horizontal	29.36
099820	Antenna	55 15 28.60N	009 12 07.20E	394	157		Conical	28.92

OBST ID	OBST type	OBST position		ELEV / HGT (ft)		Markings / Type, Colour	Obstacle limiting surfaces	
							Surface	Penetration (ft)
3054	Power pole	55 11 15.05N	009 18 37.57E	300	144	LIL F R	Inner Horizontal	28.36
3058	Power pole	55 11 37.29N	009 19 11.25E	300	137		Inner Horizontal	28.36
3057	Power pole	55 11 28.68N	009 19 02.20E	299	141		Inner Horizontal	27.36
3055	Power pole	55 11 19.54N	009 18 47.35E	298	141		Inner Horizontal	26.36
3067	Power pole	55 10 46.93N	009 17 46.94E	302	137		Conical	26.05
3068	Power pole	55 10 54.92N	009 18 01.36E	296	137		Inner Horizontal	24.36
9258	Antenna	55 14 38.24N	009 18 10.62E	296	160		Inner Horizontal	24.36
2069	Power pole	55 13 46.71N	009 20 20.41E	293	137		Inner Horizontal	21.36
15186	Smoke stack	55 15 20.39N	009 17 20.33E	308	145		Conical	20.83
3074	Power pole	55 12 54.88N	009 20 28.42E	292	141		LIL F R	Inner Horizontal
44879	Power pole	55 13 13.58N	009 20 26.96E	289	118	Inner Horizontal	17.36	
37058	Power pole	55 12 06.85N	009 20 37.27E	280	124	Inner Horizontal	8.36	
44952	Power pole	55 11 22.48N	009 18 50.99E	278	124	Inner Horizontal	6.36	
37170	Power pole	55 13 02.62N	009 20 28.67E	277	110	Inner Horizontal	5.36	
44878	Power pole	55 13 23.58N	009 20 25.44E	276	117	Inner Horizontal	4.36	
44877	Power pole	55 13 33.96N	009 20 23.82E	276	116	Inner Horizontal	4.36	
10234	Antenna	55 14 08.90N	009 15 54.81E	276	119	Inner Horizontal	4.36	
44875	Power pole	55 13 47.09N	009 20 21.79E	276	119	Inner Horizontal	4.36	
44954	Power pole	55 11 28.42N	009 19 02.77E	276	117	Inner Horizontal	4.36	
37171	Power pole	55 12 53.50N	009 20 30.07E	276	119	Inner Horizontal	4.36	
37174	Power pole	55 12 18.10N	009 20 35.56E	276	121	Inner Horizontal	4.36	
37059	Power pole	55 11 55.95N	009 20 38.97E	276	109	Conical	2.59	
8389	Antenna	55 11 50.91N	009 12 56.45E	274	158	Inner Horizontal	2.36	
43670	Power pole	55 12 44.32N	009 20 31.48E	273	112	Inner Horizontal	1.36	
2070	Power pole	55 13 56.49N	009 20 18.74E	273	141	Inner Horizontal	1.36	
44876	Power pole	55 13 39.85N	009 20 22.91E	272	107	Inner Horizontal	0.36	

**Obstacles penetrating take-off flight path area obstacle identification surface**

OBST ID	OBST type	OBST position	ELEV / HGT	Markings / Type, Colour	Remarks
Not available					

**Obstacles assessed as being hazardous to air navigation**

OBST ID	OBST type	OBST position		ELEV / HGT (ft)		Markings / Type, Colour	Remarks
10236	Antenna	55 15 38.33N	009 24 09.67E	493	326	None	5 NM NE of AD
158148 *)	Antenna	55 07 23.00N	009 11 10.00E	995	726	LIH FLG W	6.5 NM SSW of AD
10142	Antenna	55 12 27.39N	009 22 30.60E	329	157	None	3.0 NM E of AD

**11. METEOROLOGICAL INFORMATION PROVIDED**

| See GEN 3.5.

**12. RUNWAY PHYSICAL CHARACTERISTICS**

RWY designator	Directions	Dimension of RWY	Strength and surface of RWY and SWY	THR coordinates	THR elevation
					TDZ elevation
1	2	3	4	5	6
10L	105.4°T 101°M	9863 x 150 ft or 3006 x 45 M	PCN 90/F/B/W/T  PCR 600 R/C/W/T  Asphalt/Concrete	551328.56N 0091438.19E	THR 126.00
28R	285.4°T 281°M				TDZ 127.00
10R	105.4°T 101°M	9750 x 80 ft or 2971 x 24 M	PCN 77/F/B/W/T  PCR 990 F/C/X/T  Asphalt/Concrete	551321.71N 0091435.91E	THR 141.00
28L	285.4°T 281°M				TDZ 141.00
					THR 124.00
					-
					THR 139.00
					-

	Slope of RWY-SWY	SWY dimensions	CWY dimensions	Strip dimensions	RESA	OFZ	Remarks: RWY classification	
							RWY CODE	TYPE
	7	8	9	10	11	12	13	
10L	Less than 1°	734 x 150 ft / 224 x 45 M	NIL	10257 x 984 ft / 3126 x 300 M	165 x 90M	NIL	4E	PA-1
28R		737 x 150 ft / 225 x 45 M		10257 x 984 ft / 3126 x 300 M	165 x 90M		4E	PA-1
10R		487 x 80 ft / 148 x 24 M		10144 x 984 ft / 3091 x 300 M			2B	NINST
28L		487 x 80 ft / 148 x 24 M		10144 x 984 ft / 3091 x 300 M			2B	NINST

**13. DECLARED DISTANCES**

RWY Designator	TORA (ft)	TODA (ft)	ASDA (ft)	LDA (ft)	Remarks
1	2	3	4	5	6
10L	9863 ft / 3006 M	9863 ft / 3006 M	10597 ft / 3230 M	9863 ft / 3006 M	
28R	9863 ft / 3006 M	9863 ft / 3006 M	10600 ft / 3231 M	9863 ft / 3006 M	
10R	9750 ft / 2971 M	9750 ft / 2971 M	10237 ft / 3119 M	9750 ft / 2971 M	
28L	9750 ft / 2971 M	9750 ft / 2971 M	10237 ft / 3119 M	9750 ft / 2971 M	

## 14. APPROACH AND RUNWAY LIGHTING

RWY	APP LIGHT	THR LIGHT	PAPI	TDZ LIGHT	RWY CL LIGHT	RWY EDGE LIGHT	RWY END LIGHT	SWY LIGHT	Rem.
	Type Length Intensity	Colour WBAR	Angle MEHT	Length	Length Spacing Colour Intensity	Length Spacing Colour Intensity	Colour WBAR	Length Colour	
10L	CALVERT 2953 f / 900 M White LIH	GREEN LIH	3,00°			9863 ft / 3006 M 197 ft / 60 M White. From 2406-3006 M Yellow. LIH	RED LIH	RED LIH	
28R	CALVERT 2953 ft / 900 M White LIH	GREEN LIH	3,00°			9863 ft / 3006 M 197 ft / 60 M White. From 2406-3006 M Yellow. LIH	RED LIH	RED LIH	
10R		GREEN LIL	3,00°			9750 ft / 2971 M 164 ft / 50 M White. From 2371-2971 M Yellow. LIL	RED LIL	RED LIL	
28L		GREEN LIL	3,00°			9750 ft / 2971 M 164 ft / 50 M White. From 2371-2971 M Yellow. LIL	RED LIL	RED LIL	

## 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 300M NW of THR 10L (See AD chart) 300M NE of THR 28R (See AD chart)
3	TWY edge and centreline lighting	Blue edge light
4	Secondary power supply switch-over time	Max 15 seconds
5	Remarks	

## 16. HELICOPTER LANDING AREA

Helicopter operations may take place from:

- North-eastern ORP
- E end of Northern TWY
- Grass area in front of TWR.

or as directed by ATC.

**17. AIR TRAFFIC SERVICE AIRSPACE**

1	Designation and lateral limits	SKRYDSTRUP CTR From 551928N 0090255E - 551848N 0090755E - 552038N 0091625E - 551928N 0092255E - 551528N 0092755E - 551428N 0093326E - 550658N 0092856E - 550738N 0092426E - 550548N 0091625E - 550658N 0090925E - 551058N 0090355E - 551148N 0085855E - to 551928N 0090255E.
2	Vertical limits	GND - 1.500 FT MSL
3	Airspace classification	D
4	ATS unit call sign Language(s)	SKRYDSTRUP TOWER EN, DA
5	Transition altitude	3.000 FT
6	Remarks	For description of SP TMA see ENR 2.1-6

**18. AIR TRAFFIC SERVICE COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	SKRYDSTRUP APPROACH	124.105 280.750	H24	FL 250/50 NM
TWR	SKRYDSTRUP TOWER	118.280 121.500++ 286.375 257.800 243.000++	H24 H24 H24 H24 H24	4000 FT/25 NM FL 250/50 NM 4000 FT/25 NM
ATIS	SKRYDSTRUP AIRPORT INFORMATION	133.905	H24	DOC: FL 200/60 NM Language: EN
ARR	SKRYDSTRUP ARRIVAL	122.205+ 121.500++ 245.625 344.000+ 243.000++		4000 FT/25 NM
RESERVED		119.905 359.275 385.400		

+ As required ++ Emergency

## 19. RADIO NAVIGATION AND LANDING AIDS

Type of facility Cat. of ILS/MLS (Variation)	ID	Frequency (Mhz)	Hours of operation	Site of transmitting antenna coordinates	Remarks
1	2	3	4	5	7
TACAN (4°E 2023)	SKR	110.400/ CH 41x	H 24	551344.18N 0091250.61E	DOC FL 500/80 NM DME from SKR TACAN
TAR/SSR		Wave length 10cm	H 24	551344.72N 0091538.74E	DOC FL 500/80 NM DME 138.4 ft
LOC 28R Cat. I	SRY	109.350	H 24	551332.31N 0091414.42E	Coverage: Primary 60NM, SSR 200NM
GP 28R		331.850	H 24	551309.38N 0091711.49E	Angle 3.00°. TCH 41 ft.
LOC 10L Cat. I	ISPA	109.350	H 24	551259.83N 0091740.10E	
GP 10L		331.850	H 24	551329.68N 0091456.62E	Angle 3.00° TCH 49 ft
DME	SRY/ ISPA	CH 30Y	H 24	551309.34N 0091711.49E	
L	VO	321 Khz	H 24	551328.74N 0091625.36E	DOC 25 NM

## 20. LOCAL AERODROME REGULATIONS

Gliding may take place during weekends and holidays and outside hours of MIL operations. Gliding may take place from the private aerodrome “**Rødekro**” psn 5505N 0918E, without radio communication with ATC Skrydstrup in the CTR and TMA. See chart EKSP AD 2 Glider Areas in TMA.

## 21. NOISE ABATEMENT PROCEDURES

21.1 Practice approaches for non-homebased jet aircraft limited to a total of 3 in the period 0800-1700L (local time) . Practice approaches for jet aircraft is not allowed in the period 1700-0800L (local time). Prior arrangement through Wing Operations required.

21.2 For areas to be avoided during arrival and departure see EKSP NAC (Noise Abatement Chart).

## 22. FLIGHT PROCEDURES

### 1. IFR Arrival

1.1 IFR aircraft will normally be cleared by ACC Copenhagen to L VO, TACAN SKR, RNAV point DINUT or TISSET.

1.2 VFR aircraft can obtain IFR-clearance anytime in Skrydstrup LTA or TRA stating requested type of IFR-instrument approach or IFR-clearance to VMC-conditions.

### 2. IFR Departure

2.1 SID's are not mandatory, but local SID's available for instrument flight training (not published outside FW SKRYDSTRUP).

- 2.2 Omnidirectional IFR-departures:  
RWY 10L & R: Climb straight ahead to at least 700 FT AMSL before turn is commenced.  
RWY 28R & L: Climb straight ahead to at least 600 FT AMSL before turn is commenced.

### **3. Low Visibility Procedures**

- 3.1. Criteria for activation of Low Visibility Procedures (LVP) are prompted by ATC and will normally be introduced when the RVR is less than 800 M. However ATC can decide to minimize number of aircraft and vehicles on the maneuvering area when visibility is greater than 800 m and up to approx. 3 km. (until ATC is able to see the whole area).
- 3.2. Pilots will be informed when Low Visibility Procedures are in operation by ATIS and/or RTF. Pilots will be informed over RTF when Low Visibility Procedures are cancelled.
- 3.3. The following procedures will apply during Low Visibility Procedures:

ATC Procedures:

When RVR is below 550 m (alternative MET VIS below 600 m), ATC can only allow one aircraft/one formation of aircraft on the manoeuvring area at a time.

When RVR/MET VIS is below 800 m, but greater than mentioned above, ATC can only allow one aircraft/one formation of Fighter aircraft on each part of the manoeuvring area at a time. The parts are described in Local procedures. Just follow ATC instructions.

### **4. Reduced Runway Separation Minima**

- 4.1. ATC may apply reduced runway separation for all runways at Skrydstrup. For succeeding military aircraft, this will be used only for VFR-flights.
- 4.2. Traffic information will be given to succeeding aircraft.
- 4.3. For military and civilian flights the phraseology will be: “[Traffic information] CLEARED TO LAND” / “[Traffic information] CLEARED FOR TAKEOFF”.
- 4.4. ATC will make sure that approved minimum separation will exist between aircraft.
- 4.5. Reduced runway separation will not be used between departing and preceding landed aircraft.

### **5. Special VFR routes for light aircraft and helicopters**

- 5.1 ATC clearance for special VFR (SVFR) traffic will normally be issued via the following reporting points:
- Christiansfeld (power line crossing motorway), PSN 55 20 49N 009 26 42E.
  - Jels (Southern edge of Skodborg forest), PSN 55 22 21N 009 11 21E.
  - Vojens (intersection North of Vojens town), PSN 55 16 05N 009 17 20E.
- 5.2 Arriving VFR traffic may be instructed to hold at one of the reporting points.
- 5.3 Altitude as instructed by ATC.

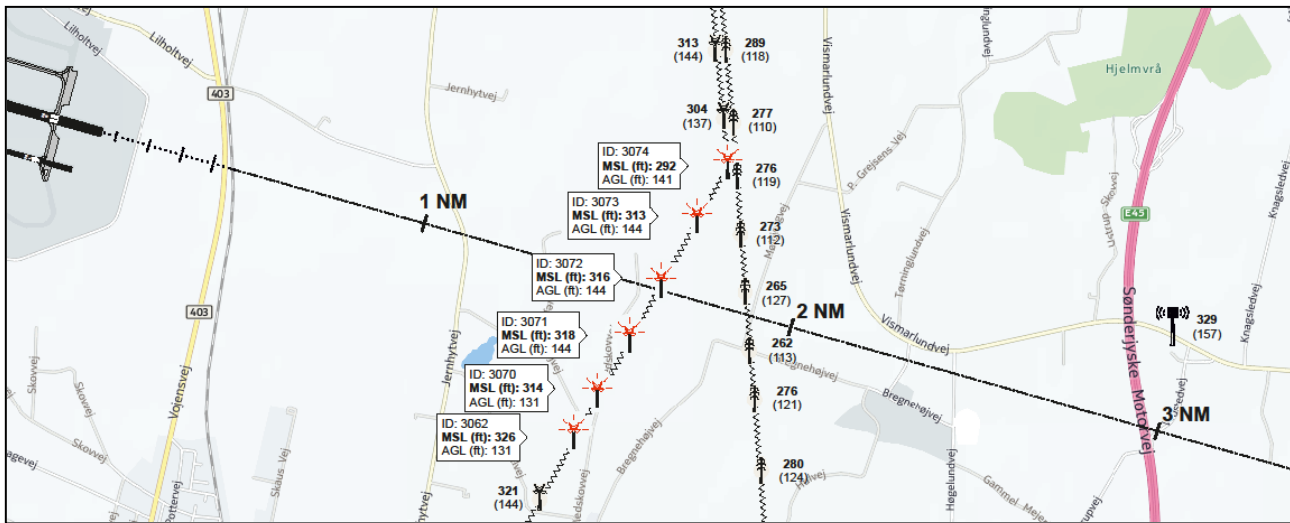
## **23. ADDITIONAL INFORMATION**

### **23.1 Obstructions east of airfield.**

6 masts with high tension cables are erected within the lateral limits of the instrument approach surface to runway 28R.

The masts are positioned on a line from 551210N 0091936E to 551253N 0092011E almost perpendicular to the centerline at approximately 1.65 NM from THR RWY 28R.

Nominal glide path (3°) altitude at passage of the power line: 709 ft AMSL.  
Day marking : Orange (dayglow) colour.  
Night marking : Dual red obstruction lights.



### 23.2 Arrestor gear systems

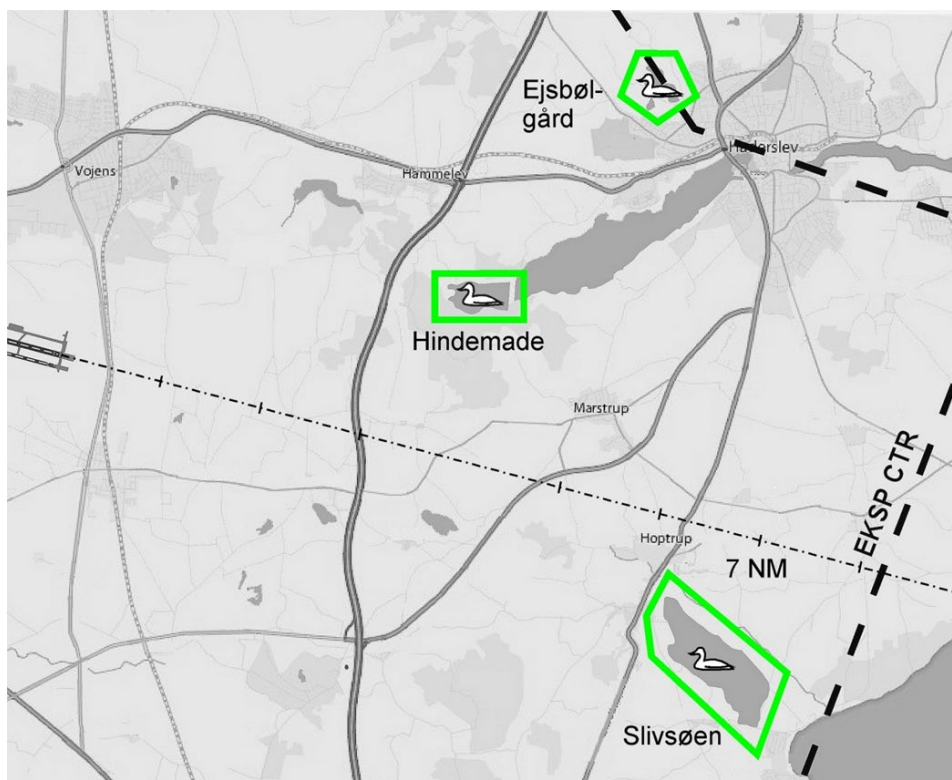
For information on arrestor gear see Aerodrome Chart.

### 23.3 Areas with sensitive fauna

3 areas with sensitive fauna and a high concentration of birds are located inside Skrydstrup CTR:

- Ejsbølgård, located north west of Haderslev
- Hindemade, located at IP East
- Slivsøen, located slightly south of the centerline at 6-8 NM final RWY 28R

Overflying the areas at altitudes below 1000 ft AGL may significantly increase the risk of birdstrike.



**24. AERONAUTICAL CHARTS RELATED TO EKSP**

Aerodrome Chart  
 Aerodrome Obstacle Chart – ICAO - Type A 10L  
 Aerodrome Obstacle Chart – ICAO - Type A 28R  
 Noise Abatement Chart  
 Visual Approach Chart  
 Glider areas in TMA  
 Aircraft Parking / Docking Chart (Military Apron)

ILS or LOC RWY 10L  
 ILS or LOC Z RWY 10L  
 COPTER ILS or LOC RWY 10L  
 HPMA TACAN RWY 10L  
 TACAN RWY 10L  
 RNP RWY 10L  
 ILS or LOC RWY 28R  
 ILS or LOC Z RWY 28R  
 COPTER ILS or LOC RWY 28R  
 HPMA TACAN RWY 28R  
 TACAN RWY 28R  
 RNP RWY 28R

**25. VISUAL SEGMENT SURFACE (VSS) PENETRATION**

Instrument Flight Procedure	Procedure Minima affected	Remarks
ILS or LOC RWY 10L	No Penetration	
ILS or LOC Z RWY 10L	No Penetration	
COPTER ILS or LOC RWY 10L	No Penetration	
HPMA TACAN RWY 10L	No Penetration	
TACAN RWY 10L	No Penetration	
RNP RWY 10L	No Penetration	
ILS or LOC RWY 28R	No Penetration	
ILS or LOC Z RWY 28R	No Penetration	
COPTER ILS or LOC RWY 28R	No Penetration	
HPMA TACAN RWY 28R	No Penetration	
TACAN RW 28R	No Penetration	
RNP RWY 28R	No Penetration	

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