

# ESOK - Karlstad

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## Airport details

State	Värmland län
Country	Sweden
Region	ES
Elevation	351ft (107m)
Timezone	GMT +1
Coordinates	59.44472, 13.33750
Type	land
ICAO code	ESOK
IATA code	KSD
FAA code	n/a

## Runway info

Runway 03L / 21R	
length	660m (2165ft)
bearing	43° / 223°
width	52m (171ft)
surface	grass
Runway 03 / 21	
length	2512m (8241ft)
bearing	43° / 223°
width	45m (148ft)
surface	asphalt

## Communication

Karlstad TWR	119.450
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## Approach frequencies

ILS-cat-I	21	110.7	18.00mi
ILS-cat-I	03	109.35	18.00mi
3° GS	21	110.7	18.00mi
3° GS	03	109.35	18.00mi

## Nearby beacons

<b>code</b>	<b>identifier</b>	<b>dist</b>	<b>bearing</b>	<b>frequency</b>
KSD	KARLSTAD VOR/DME	0.2	249°	117.80
SKS	KARLSTAD NDB	4.5	223.3°	330
NKS	KARLSTAD NDB	5.8	43.3°	341
AB	HAGFORS NDB	31.2	26.1°	393
TY	TORSBY NDB	40.3	335.3°	384
HT	HAGFORS NDB	40.5	19°	345
TH	TORSBY NDB	50.8	331.8°	402
NS	SKOVDE NDB	58.9	143.9°	384
LG	SATENAS NDB	62.5	212.1°	309

## Departure and arrival routes

Transition altitude 5000ft

<b>SID end points</b>	<b>distance</b>	<b>outbound direction</b>
RW03		
TESD4B	32.2	73°
SIPS5B	33.3	216°
RW21		
TESD4C	32.2	73°
SIPS5C	33.3	216°

<b>STAR starting points</b>	<b>distance</b>	<b>inbound direction</b>
RW03		
SIPS1K, SIPS5E	33.3	36°
TESD1K, TESD5E	32.2	253°
RW21		
SIPS1L, SIPS5F	33.3	36°
TESD5F, TESD1L	32.2	253°

## Disclaimer

The information on this website is not for real aviation. Use this data with the X-Plane flight simulator only! Data taken with kind consent from X-Plane source code and data files. Content is subject to change without notice.

## To be used with X-Plane simulation only