Ladies and Gentlemen,

On 29th August, we would like to invite you to our Tribute and airshow at Koksijde. This year's airshow is dedicated to Frank Phlippo and to make it an event for all members, we are adding an extra Tribute day.

Frank Phlippo, a former special operations coordinator of our division, died this year.

Aside from being the second most active member in IVAO's history, he was also a retired air force pilot officer on many types, including Sikorski helicopters but also F-104 Starfighter and Fouga Magister.

Additionally, for many years, he organised a huge air show in Koksijde Air Base, close to the coast. For that reason, and on the month of his birthday, we would like to organise a memorial air show on IVAO.

The “Frank Phlippo Memorial Air Show” will take place at Koksijde Air Base (aka BKoks) - EBFN on 29 AUG 2020 between 1200z and 1600z.

The airshow consists of performing the show for our guests on the ground by doing well known military and acrobatic maneuvers.

All pilots that want to participate will have to register for the event at HQ-SOD website. By that way we can assign you a slot and prepare your show at Koksijde airbase. By applying for this event, you agree to be on the live stream.

AIR SHOW

The air show will allow you to demonstrate your skills to all the participants, either on solo display or in formation, with any kind of military aircraft, ranging from the trainer to the cargo transporter including fighters, bombers, tankers, AEW, helicopters…

Be aware that during the event timeframe it is NOT allowed to arrive or depart at the airfield, except if your aircraft is not suitable for the air base (due to runway size limitations or taxiway limitations, for instance). In such case you can use Ostend EBOS as MOB and coordinate your departure with the air show manager.

THE AIRFIELD

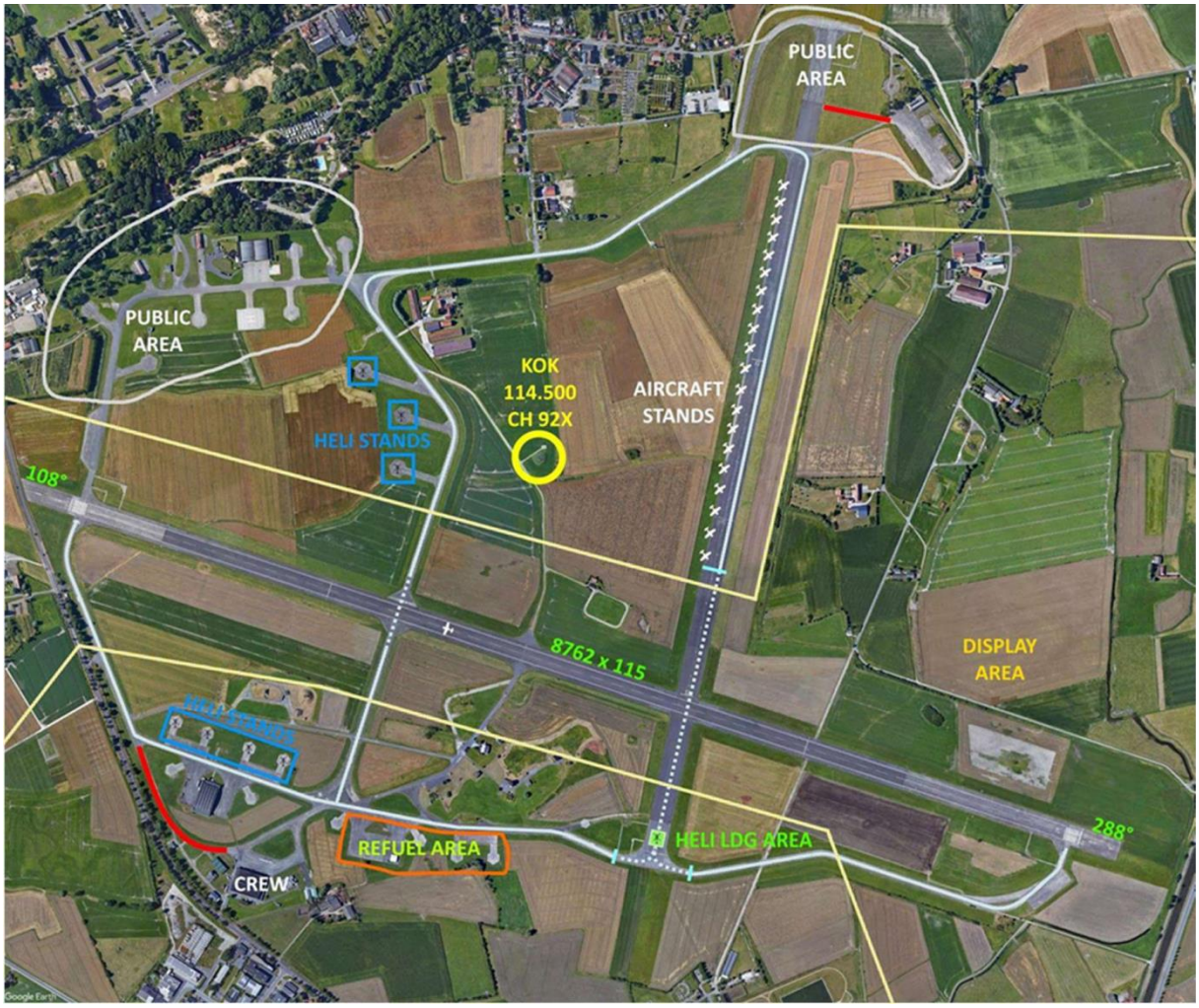
BKoks is one of the four main air bases in Belgium. It's mostly used for helicopters assigned to search & rescue + support to the Belgian Navy (NH90 NFH and Alouette III). It also features a runway suitable for most military fixed wing aircraft.

Practical information

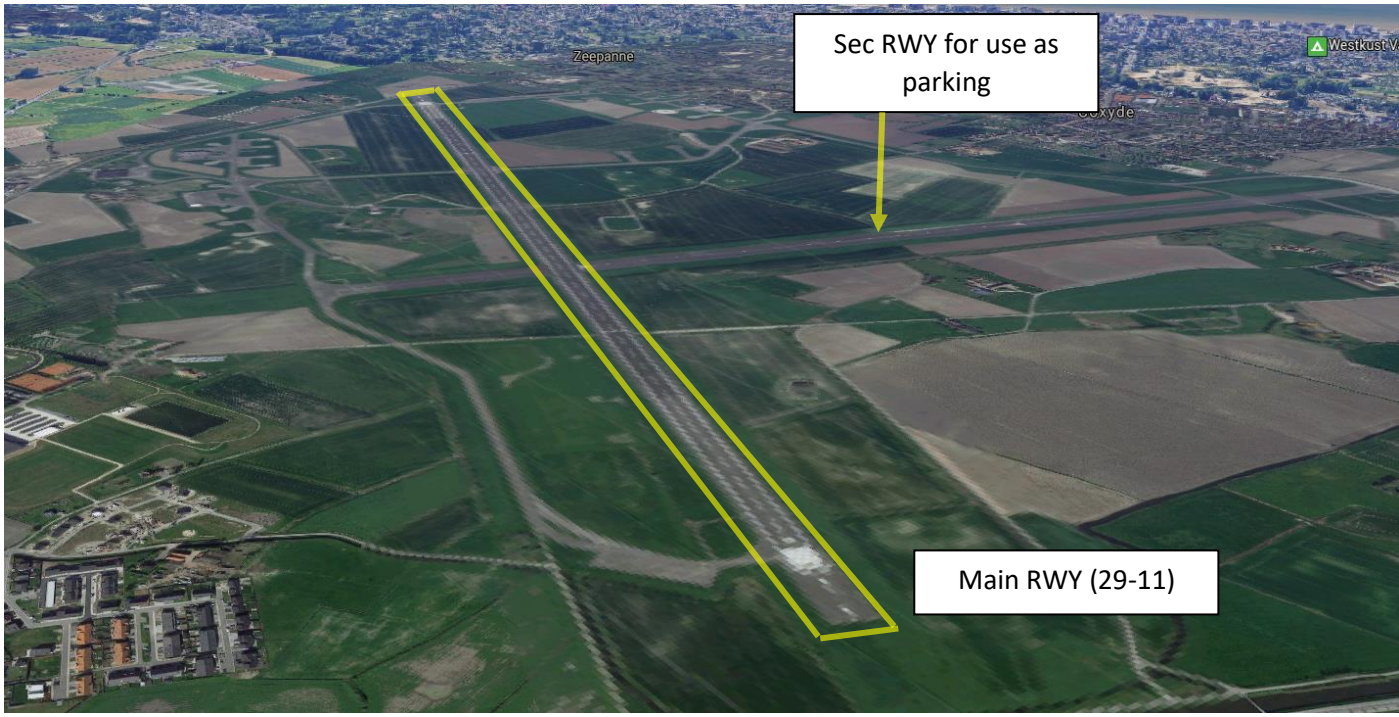
Koksijde Air Base – EBFN

- Runway 11-29 (2670x35) meters
- Event Areas (see map below)
- Speed limits as per XB division LOA below
- Display over public prohibited for safety reasons
- Altitude limits:
    - Above airfield not below 500ft
    - Vicinity of the airfield including towns not below 1000ft
    - Over holdings Areas as per ATC instruction

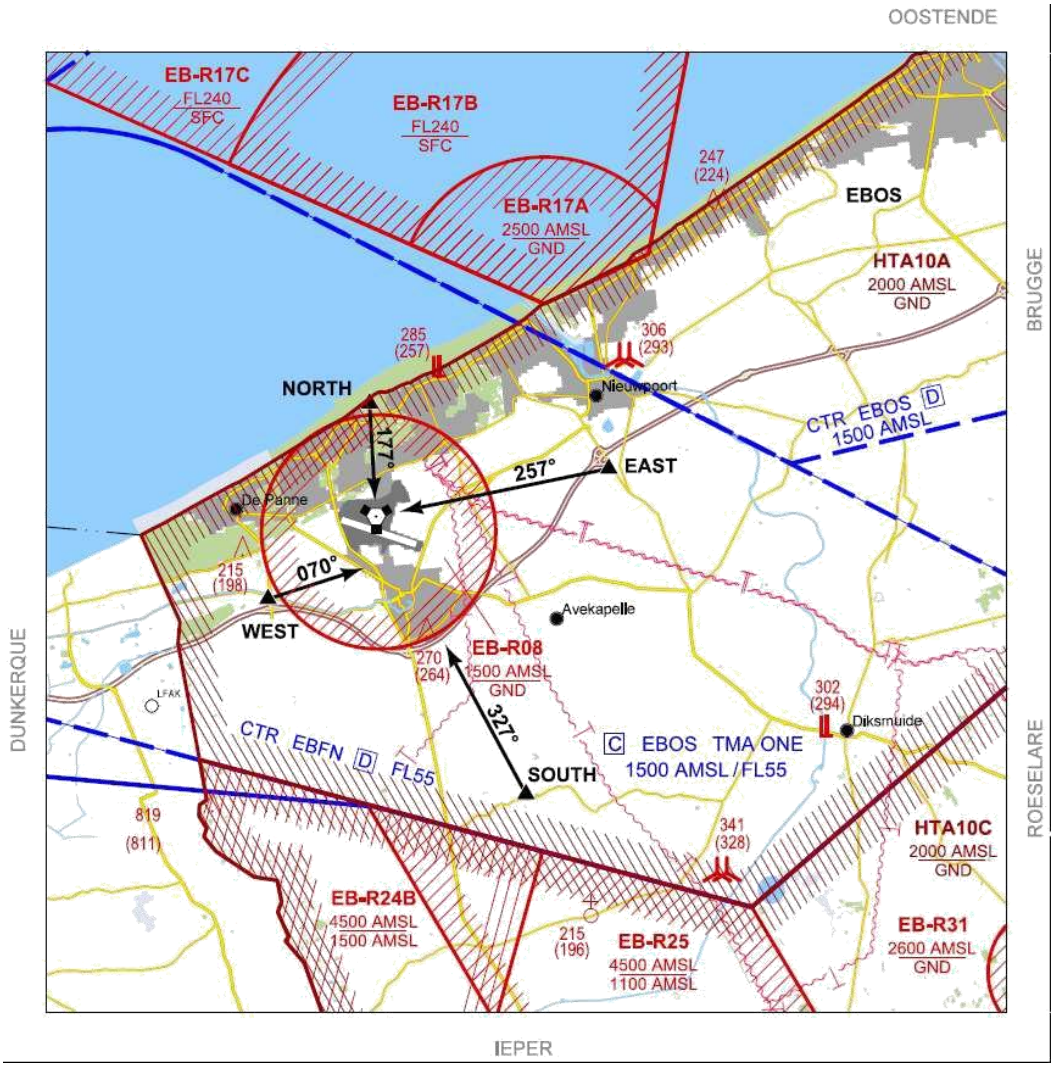
Ground layout:



Note: All pilots are requested to be online at least 15 minutes prior event start for correct traffic management.


Sec RWY for use as parking
Main RWY (29-11)
Zeepanne

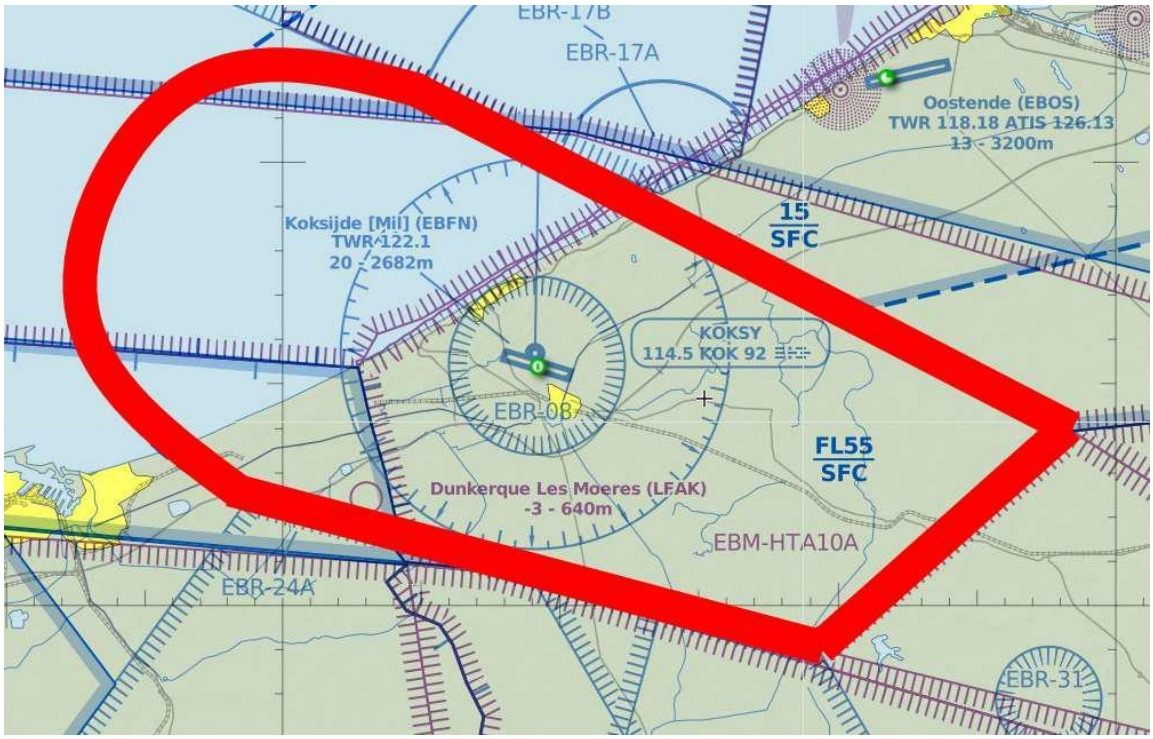
VFR Arrivals:



Airspaces:

- TRA15 (4500ft AMSL – FL095)
- LFA11 (10ft AMSL – 500ft AMSL)
- EBFN CTR CLASS D (SFC – FL055) DISPLAY AREA
- TRA WA (4500ft AMSL – FL195)
- BRUSSELS CTA WEST ONE (FL055 – FL195)
- BRUSSELS CTA WEST TWO (FL095 – FL195)
- TRA13A (4500ft AMSL – FL105) HOLDING AREA -TRA13B (4500ft AMSL – FL105) HOLDING AREA
- EBR55 – MAK surroundings (GND – 1000ft AMSL) HOLDING AREA

ALL DISPLAYS SHOULD TAKE PLACE WITHIN THE RUNWAY AXIS. CROSSING THE AIRPORT AREA IS ONLY PERMITTED OVERHEAD THE RUNWAY 11-29. THE YELLOW LINE ON THE GROUND LAYOUT CHART SHOWS THE PERMITTED AREA FOR FLYING OVERHEAD THE AIRPORT.



The display area is equal to Koksijde CTR. The northern and southern borders are about 4.5NM away from KOK VOR. We recommend that you check your display size in advance and use the VOR/DME equipment in your aircraft.

You can use a few reference points for the CTR:

- D947 road at the border of Belgium and France going northwest to southeast.
- City of Veurne, south of EBFN
- De Panne (town), next to the border of Belgium and France. There is a big area of dunes which is easily recognised on the west side.
- Nieuwpoort (town), the port over there has a pier going in to the sea.

NOTE: ATC can always instruct you to fly outside prescribed area for traffic management.

Navaids:

- KOK (Koksijde) – CH092X – 114.500 Mhz
- MAK (Mackel) – 361 Mhz

ATC and Coordination frequencies :

- EBFN_GND (Koksijde Ground) : NIL
- EBFN_TWR (Koksijde Tower) : 122.100 Mhz (ATC)
- EBFN_APP (Koksijde Approach) : 121.055 Mhz (ATC) (stand-by)
- EBSZ_MIL_CTR (Belga Radar) : 129.325 Mhz (ATC) (stand-by)

EBFN AD 2.8 Aprons, Taxiways and Check Locations Data

1	Apron surface	**CONC**
	Apron strength	
2	**Taxiway width**	All TWY: 15 M
	Taxiway surface	
	Taxiway strength	LCN 30
3	**ACL and elevation**	
4	**VOR check points**	
	INS check points	
5	**Remarks**	NIL

EBFN AD 2.9 Surface Movement Guidance and Control System and Markings

1	Aircraft stand identification signs	**NIL**
	Taxiway guide lines	NIL
	Visual docking/parking guidance system at aircraft stands	NIL
2	**Runway markings**	Designation, threshold, centre line
	Taxiway markings	Centre line, holding positions
3	**Distance markers**	Every 1 000 FT signalling remaining RWY distance (illuminated)
4	**Stop bars**	NIL
5	**Other**	Indicating panels and follow-me car
6	**Remarks**	NIL

EBFN AD 2.12 Runway Physical Characteristics

RWY designator	True BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR COORD RWY end COORD THR geoid undulation	THR ELEV and highest ELEV of TDZ of precision APCH RWY
1	**2**	**3**	**4**	**5**	**6**
11	108°	2670 x 35	PCN 22 F/C/W/T ASPH / CONC	510537.33N 0023809.81E 510511.21N 0024015.22E 146 FT	THR 6 FT TDZ 7 FT
29	288°	2670 x 35	PCN 22 F/C/W/T ASPH / CONC	510512.24N 0024010.63E 510538.44N 0023804.09E 146 FT	THR 11 FT TDZ 11 FT

Slope of RWY and SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	RMK
7	**8**	**9**	**10**	**11**	**12**
Long: 0.2 % Trans: 1.0 %					

EBFN AD 2.13 Declared Distances

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	RMK
1	**2**	**3**	**4**	**5**	**6**
11	2670	2670	2670	2571	NIL
29	2670	2670	2670	2574	NIL

EBFN AD 2.17 ATS Airspace

1	Designation	**Koksijde CTR** *(1)*
	Lateral limits	510227N 0022840E - an arc of circle, 5 NM radius, centred at 510717N 0023045E and traced clockwise to 511145N 0023423E - 510357N 0025825E - 505900N 0024917E - 510227N 0022840E. *(2)*
2	**Vertical limits**	FL 55
3	**Airspace classification**	D
4	**ATS unit call sign**	Koksijde Tower *(3)*
	Language(s)	En
5	**Transition altitude**	4 500 FT AMSL
6	**Remarks**	*(1)* Partially situated in France (see ENR 2.2).
		(2) The area overhead LFAK is excluded between GND and 800 FT AMSL (510131N 0023419E - along the Belgian-French border - 510330N 0023344E - 510213N 0023003E - 510131N 0023419E).
		(3) During OPS hours EBFN: ATS can be delegated to Oostende APP. Information on the status of Koksijde CTR can be obtained from Koksijde APP or Oostende APP. Outside OPS hours EBFN: the responsibility for providing ATS between 1500 FT AMSL and FL 55 is transferred to Oostende APP (airspace class C).

EBFN AD 2.18 ATS Communication Facilities

Service designation	Call sign	Frequency/Channel	Hours of operation	Remarks
1	2	3	4	5
TWR	Koksijde Tower	231.800 MHZ 122.100 MHZ (1)	HO	ICF Ground control frequency
		257.800 MHZ 243.000 MHZ 121.500 MHZ	HO	Guarded frequency
	Koksijde Ground	308.775 MHZ 121.500 MHZ	HO	Stand-by frequency
APP	Koksijde Approach	235.050 MHZ	HO	ICF
		121.055	HO	ICF 8.33 KHZ CH
		362.300 MHZ 243.000 MHZ 122.500 MHZ (1) 121.500 MHZ	HO	Guarded frequency
	Koksijde PAR	278.675 MHZ 397.900 MHZ 243.000 MHZ 123.300 MHZ 121.500 MHZ	HO	Stand-by frequency
SAR	Koksijde Rescue	123.100 MHZ 5 680 KHZ	H24	NIL
		282.800 MHZ	H24	Stand-by frequency SAR combined frequency
(1) If no UHF, nor VHF 8.33 KHZ, contact this FREQ.				

EBFN AD 2.19 Radio Navigation and Landing Aids

Type of aid (MAG VAR)	ID	Frequency	Hours of operation	Position of transmitting antenna	DME antenna elevation	Remarks
1	2	3	4	5	6	7
KOKSY VORTAC (1°E/2017)	KOK	114.500 MHZ (CH 92X)	H24	510556.7N 0023919.8E	39 FT	DOC: 80 NM / FL 500 Sector SE: 100 NM / FL 500

Air show slots

Take-off time	Landing time
1230z	1250z
1255z	1315z
1320z	1340z
1345z	1405z
1420z	1440z
1445z	1505z
1510z	1530z
1535z	1555z

Each participant (or group of participants) must take all precautions to make sure to be ready for departure at the take-off time. In case of delay by the pilot, the slot may be declined.

Useful links :

- Belgium & Luxembourg AIP : https://ops.skeyes.be/html/belgocontrol_static/eaip/eAIP_Main/html/index-en-GB.html
- IVAO XB Belux Region : https://xb.ivao.aero/
- Scenery : https://xb.ivao.aero/resources/sceneries
- SO procedures : https://xb.ivao.aero/specialops