

BRIEFING FOR CREW PARTICIPATING AT HS2019

a) place, date, time and duration of the air show

Place: Airport Hradec Kralove

Date: 18.5.2019

Time: 13:00 – 16:00 LT.

b) date and place of general rehearsal

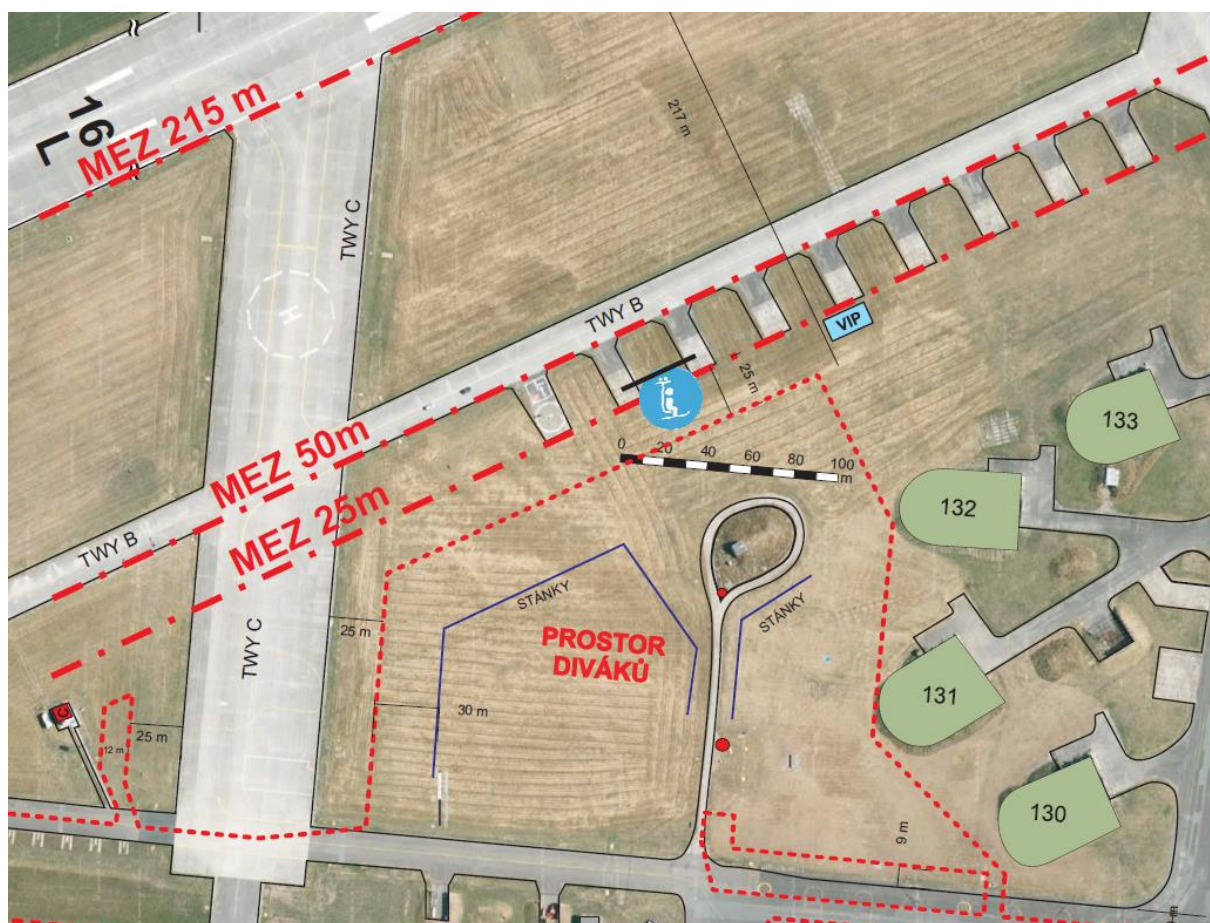
General rehearsal won't be organized

c) air show program

The program of air show will be published on web pages <http://www.helicoptershow.cz/>, the program will be clarified on verbal briefing in hangar 71 /DSA's hangar/ on 18.5.2019 at 11:00 LT.

d) map of air show which specifically shows the area for visitors, car park area, public line, display line and any other important and sensitive places, LKHK map and information

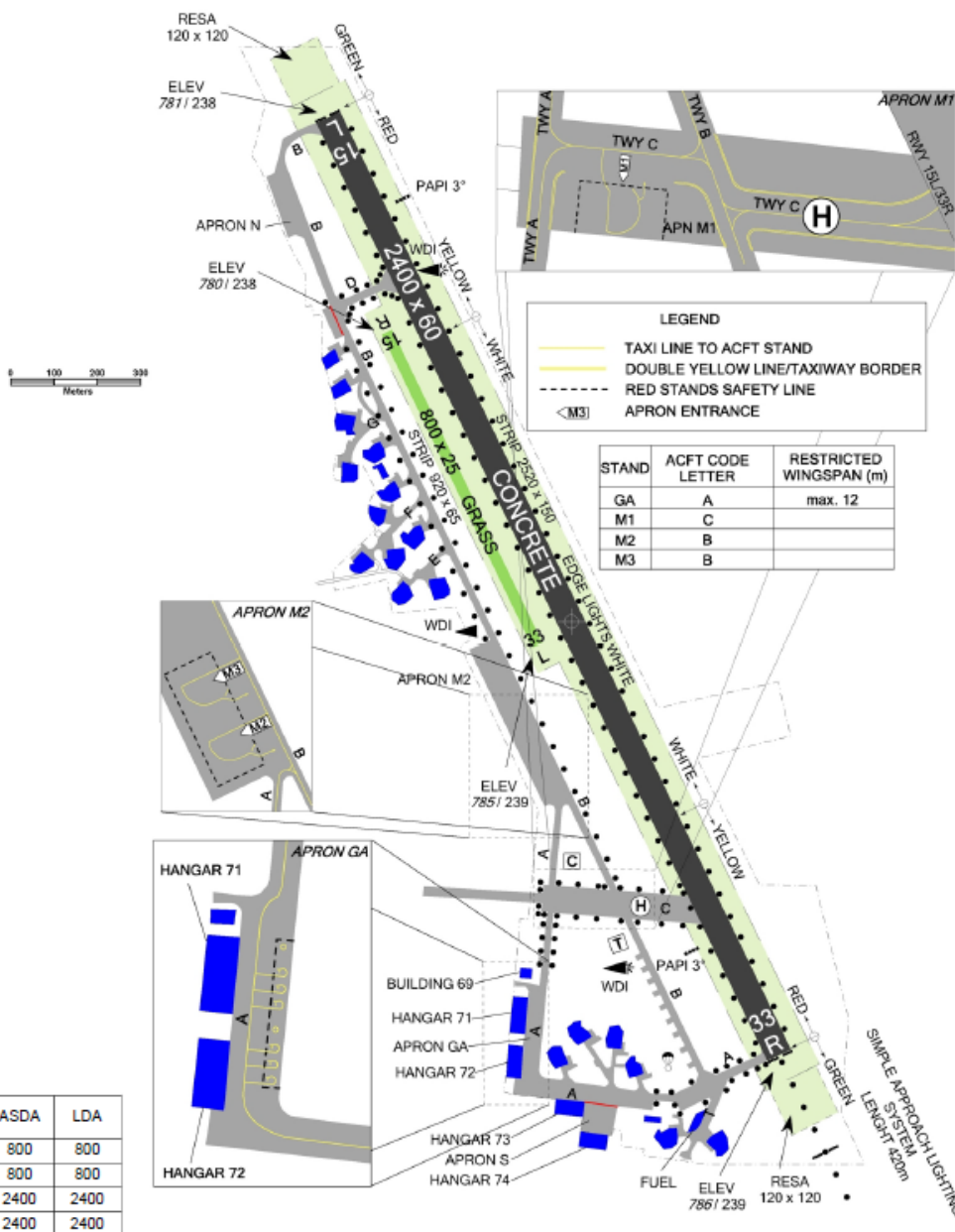
Orientation map of HS2019



LKHK Hradec Králové



Kral INFO
122,005



- Letecké služby Hradec Králové, a.s.**
Piletická 151, 500 03
Hradec Králové 3 - Rusek,
☎ +420 491 619 011,
☎ +420 491 617 699, info@lshk.cz,
office@lshk.cz, handling@lshk.cz
- AFIS - ☎ +420 491 617 687,
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Ing. Pavel Rind - ☎ +420 733 603 168, EN
Ing. Tomáš Kvítek - ☎ +420 733 546 039, EN
Ing. Jaroslav Farkaš -
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- MON-FRI 0700-TE (0600-TE)
SAT, SUN, HOL 0800-TE
(0700-TE (MAX 1800))
except 24-26 DEC, 1 JAN; otherwise O/R
- AV/GAS 100LL - during operational hours;
JET A1 - during operational hours
- TOTAL 15W-50, SHELL 15W-50, EXXON
20W-50 - MON-FRI 0700-1500 (0600-1400)
- O/R
- O/R - by contract with Hradecká Letecká
Servisní, s.r.o. with DSA a. s.
For types of aircrafts see article 2.4.
- O/R 24 HR
- limited at the AD, city Hradec Králové
- public transport - number 15 and 25
- Customs and immigration clearance: O/R
minimally 24 hours in advance. Visas are not
granted.

RWY	Magnetic direction	RWY dimensions	Strength	TORA	TODA	ASDA	LDA
33L	331°	800 x 25	5700 kg / 0.7 MPa	800	830	800	800
15R	151°	800 x 25	5700 kg / 0.7 MPa	800	830	800	800
33R	331°	2400 x 60	PCN 33/R/B/X/T	2400	2460	2400	2400
15L	151°	2400 x 60	PCN 33/R/B/X/T	2400	2460	2400	2400

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e) Information about flight operational services:

• **type of flight operational services accessible for pilots**

AFIS LKHK

• **list of radio frequencies, including transponders,**

KRAL INFO 122,005

Transponder 7000

• **procedures for arrivals and departures (time and way of arrival),**

Operation in the area of airport LKHK according to valid aviation regulations for aircraft operation, valid regulations can be found on pages **LIS ANS CZ** <http://lis.rlp.cz/> or by following links on web pages **CAA CZ** <http://caa.cz/>.

During the air show on 18.5.2019 between 12:00 – 16:00 LT arrivals/ departures will be lowered to minimum. Before arrival always inform AFIS LKHK by phone /+420 491 617 687/ to follow conversation, see NOTAM.

• **holding area and holding altitude,**

Outside ATZ LKHK

• **noise abatement procedures**

Area of Rusek, Skalička, Pouchov, Piletice, Lochenice, aircrew are strictly asked to follow flying procedures of airport LKHK, AIP LKHK can be found <http://www.lshk.cz/cs/letiste/letistni-rad/>

• **adjacent ATS areas,**

IMPORTANT... related NOTAMs and AUP on pages <http://lis.rlp.cz/>

• **local air traffic restrictions,**

During the whole event arrivals and departures will be lower to minimum for LKHK, the condition will be the radio connection and conversation with AFIS LKHK. NOTAM is issued /see below/, check pages <http://lis.rlp.cz/> and <http://www.lshk.cz/cs>

NOTAM

Y0772/19

A) LKHK B) 1905180600 C) 1905181800
E) AD OPR HR EXTD - HELICOPTER SHOW)

Y0773/19

A) LKHK B) 1905170600 C) 1905181800
E) HELICOPTER SHOW - ARR/DEP POUZE S OBOUSTRANNYM RADIOVYM SPOJENIM A PO
KOORDINACI S AFIS. LZE OCEKAVAT ZPOZDENI PRI ARR/DEP. DBEJTE POKYNU AFIS)

Y0774/19

A) LKHK B) 1905160600 C) 1905181800
E) TWY A CLSD BTN APN M2 A APN GA PO HANGAR 72. HELICOPTER SHOW)

Y0776/19

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Q) LKAA/QWBLW/IV/M/W/000/075/5015N01551E003
A) LKAA B) 1905170600 C) 1905181600
D) MAY 17 18 0600-1600
E) NAV WRNG - AKROBATICKE LETY V PROSTORU RADIUS 3NM PSN 501512,00N0155043,00E (LKHK).
HELICOPTER SHOW
F) GND G) FL075

- **list of alternate airports,**
IFR - LKPD, LKTB, LKPR ,
VFR only – LKJA

f) air display restrictions – minimum altitudes and heights and meteorological minima,

Display line, display line distance

ALL AIRCRAFT		
Speed during flight display	Low pass	Acrobatic
Less than 100 km/h	30	100
100 – 200 km/h	50	100
200 – 400 km/h	100	150
400 – 600 km/h	150	200
More than 600 km/h	200	230

Flying display minimum heights

Go around over RWY in landing configuration /if possible to land or take off/		All aircraft w/o limitation
Low pass	Helicopter, glider, engine glider, aircraft for agriculture works with pilot with experiences at agriculture works	20ft / 5 m AGL
	Other aircraft up to MTOW 5700 kg	70 ft / 20 m AGL
	Other aircraft over MTOW 5700 kg	100 ft / 30 m AGL
Acrobatic display		According approved DA

Meteorological minima

Type of aircraft	Type of display	Meteorological minima		
		Base of clouds (4/8 and more)	visibility	
Aircraft V/STOL, helicopters, other aircraft with stall speed lower than 50 kt	Low pass and flat acrobatic display	Solo	500 ft	1500 m
		Formation	500 ft	3000 m
	Full acrobatic display	Solo	500 ft	3000 m
		Formation	800 ft	5000 m
Air display of other aircraft	Low pass and flat acrobatic display	Solo	500 ft	3000 m
		Formation	800 ft	5000 m
	Full acrobatic display	Solo	1000 ft	5000 m
		Formation of piston aircraft	1000 ft	5000 m

g) requirements for pilot-in-command to ensure the aircraft operation in accordance with any limitations of flight capability,

Pilots-in-command are obliged to operate only aircraft which does not have limited airworthiness.

h) overview of documents and permissions which will be provided as a prove by pilots within a reasonable time

Documents on board which are completely in compliance with valid regulation EU 965/2012:

Citation and legacy from regulation...

SPO.GEN.140 Documents, manuals and information to be carried ...

- (1) the AFM, or equivalent document(s);
- (2) the original certificate of registration;
- (3) the original certificate of airworthiness (CofA);
- (4) the noise certificate, if applicable;
- (5) a copy of the declaration as specified in ORO.DEC.100 and, if applicable, a copy of the authorization as specified in ORO.SPO.110;
- (6) the list of specific approvals, if applicable;
- (7) the aircraft radio license, if applicable;
- (8) the third party liability insurance certificate(s);
- (9) the journey log, or equivalent, for the aircraft;
- (10) the aircraft technical log, in accordance with Annex I (Part-M) to Regulation (EC) No 2042/2003, if applicable;
- (11) details of the filed ATS flight plan, if applicable;
- (12) current and suitable aeronautical charts for the route/area of the proposed flight and all routes along which it is reasonable to expect that the flight may be diverted;
- (13) procedures and visual signals information for use by intercepting and intercepted aircraft;
- (14) information concerning search and rescue services for the area of the intended flight;
- (15) the current parts of the operations manual and/or SOP or AFM that are relevant to the duties of crew members and task specialists, which shall be easily accessible to them;
- (16) the MEL or CDL, if applicable;
- (17) appropriate notices to airmen (NOTAMs) and aeronautical information service (AIS) briefing documentation;
- (18) appropriate meteorological information, if applicable;
- (19) cargo manifests, if applicable; and
- (20) any other documentation that may be pertinent to the flight or is required by the States concerned with the flight.

- i) procedures which has to be followed in case that the air show includes parachutists,**

NIL

- j) conditions for cancelation or change of program of air show – warning that the flight operation manager can change the program which already started,**

Flight operation manager can cancel the air show program in case that the directives for organisation of air shows CAA-SL-101-0-16 was violated or there was a disturbance of safety of air show from other outside treat.

- k) Procedures for parking of aircrafts and fuel filling (types for provided aerial fuel and oils),**

Completely in accordance with LHKH law and issued NOTAM for HS2019.

- l) Information about accessible means for custom clearance (parking) of aircraft or else which means for custom clearance must exhibitors take care by themselves,**

There are not any special things for custom clearance at disposal except mentioned the once mentioned in AIP or airport law of LKHK.

- m) measures and procedures for operation of sightseeing flights at the air show and measures and procedures for visitor's aircraft**

The sightseeing flights will be organised outside the time of air show from position „M2“

- n) emergency procedures,**

During the event there is ensured fire and medical emergency which is completely in accordance with directive for organisation of public events.

In case of emergency procedures pilots-in-command are obliged to keep the distance from visitors according to article f/ of this briefing, in case of the necessity to prevent harming visitors on ground at a maximum possible way. In regards to the situations which need to follow the emergency procedures, this needs to be done at the height at minimum of 1000 FT AGL or under the bottom base of clouds.

o) contacts for flying display director and organiser of the air show, eventually important contact details,

Flying Display Director
Martin Hejra +420 602 586 205

Head of AFIS
Jaroslav Farkaš +420 733 652 273

Responsible person for aircraft positioning
Vítězslav Zakl +420 603 478 360

Head of fire service
Václav Klíma +420 777 241 671

Medical
Hotline +420 155

p) administrative procedures and measures – accommodation and eating of exhibiting crew, the way of transport of exhibiting crew from place of accommodation to place of air show and back,

Information will be at disposal at the registration point in hangar 71 or send your questions to helicoptershow@dsa.cz

q) similar information about time and place of briefing – pre-flight analysis.

Verbal briefing in hangar 71 /DSA's hangar/ on 18.5.2019 at 11:00 LT

r) obligations for exhibiting aircraft at the air show

The exhibiting aircraft are obliged to:

a) fly as the exhibiting aircraft is flying around display line or the direction from visitors; not to perform any low pass with sudden (sharp) turns close to the display line, the aircraft is not allowed to disturb distance given in this briefing

b) stick to the display line and demonstration area,

c) take part in pre-flight briefing

d) when asked, provide to the Flying Display Director or to CAA's inspector for control the required documents (pilot documentation – pilot licence including valid medical licence, in case the medical licence is not part of the pilot licence, log book, permission to demonstrate the exhibition flight, aircraft documents – Airworthiness certificate, Certificate of Registration, Aircraft Station Licence, Maintenance Certificate, Insurance certificate, eventually based on the before mentioned announcement all other documentation of pilot or aircraft which are required by CAA or Flying Display Director),

e) keep the demonstration variant according to Description of exhibition approved by guarantor of the flying display or approved person, including all limitations,

- f) ensure that on board of each aircraft are only persons who are namely stated in the Description of the exhibition,
- g) respect the instruction given by the Flying Display Director,
- h) respect the instruction given by AFIS,
- i) helicopter pilots are obliged to take in consideration during their flying the rotor flow so they do not endanger the visitors and property on ground; for the flights with cargo they are obliged to consider the safety and fly only over the obstacle-free area,

In Hradec Kralove on 3.5.2019

Prepared by: Martin Hejra / Flying Display Director of HS2019