

# NAVCOM Consult

## A consultancy company for services in aviation for Nav aids, Radar and Communications

### Offering Sophisticated Consultancy Services for

All building, siting and upgrade activities on airports and enroute during all project phases (concept, planning, design, realization)

Worldwide Customers: CAA's, Airports, Airlines, airforces, building and planning companies, ...

### Offering Sophisticated Expertises, In-depth Studies for

Landing- and Navigation systems: ILS, VOR/DVOR, DME/TACAN, NDB, MLS, GPS, SMGCS

Radar Systems: ASR, SSR/MSSR, ASDE, Weather Radar, PAR ...

Siting and upgrade studies for these systems

### Studies Combining: System R&D Experience, Latest Scientific Methods, 3D-Simulation Knowhow and Practical Field Experience

Theoretical and numerical analysis of electromagnetic system distortions - Proposals for electromagnetic compatibility for positions, materials, shapes etc.

Numerical 3D-System analysis and design by the application of the self developed IHSS- software (Integrated Hybrid System Simulation) for the most difficult cases

Cost/performance tradeoff while maintaining the required specifications and safety

Consultancy based on long-term industrial system experience and field experience

### Objects, Cases Treated

Airport improvements and extensions (aircraft up to A380, terminals, hangars, towers, runway and taxiway development, CATI/II/III upgrades etc.)

Compatibility of runways and taxiways for the NLA-A380 aircraft

Analysis and provision of System compatibility of objects to be built

Analysis/Proposals concerning building activities (cranes, scaffolding etc.)

Building activities outside airports (tall buildings, windmills, power-lines etc.)

Siting/design of Nav aids-/Radar-Systems (e.g. 3D ILS-GP, LOC and humped runways)

Cooperation with the company ASAP  
s.r.o. for specialized procedure design  
(aspects) see <http://www.asap.sk>



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