

Wind Rose – Appendix 2 Aircraft Data Base – Appendix 1 Update to Airport Design – AC 150/5300-13A

Industry Day

Presented to: Aviation Industry Representative

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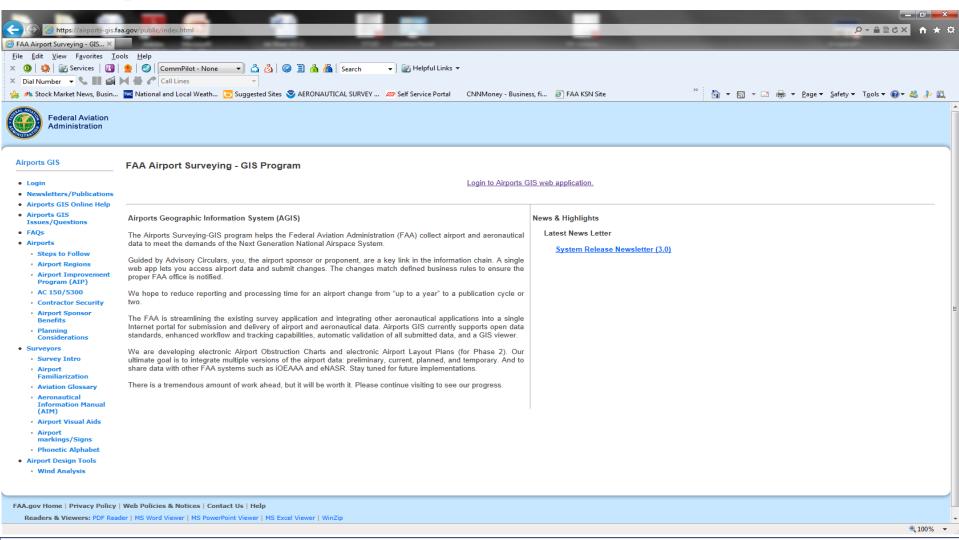


Wind Rose – Appendix 2

- Wind Analysis program added to the public side of FAA Airport Surveying-Geographic Information System website:
 - https://airports-gis.faa.gov/public/index.html
- NOAA no longer provides wind data in 36 segment format.
- Allowable crosswind components



Airport GIS





Aircraft Data Base – Appendix 1

- List of frequently used aircraft
- RDC and TDG
- Aircraft Characteristics Database to be incorporated into Airport Design Section of the FAA Airport-GIS System in future.



Data Base

Table A1-1. Aircraft Characteristics Database – Sorted By Aircraft Manufacturer/Model

Manufacturer	Aircraft	RDC/TDG			Wing- span [ft (m)]	Tail Height [ft (m)]	Length [ft (m)]	CMG [ft (m)]	Wheel- base [ft (m)]	MGW [ft (m)] outer to outer	MTOW [ft (m)]	Approach Speed (kts)
Aerospatiale	Mohawk 298	В	П	3	71.9' (22 m)	20.3' (6 m)	63.3' (19 m)	21' (6 m)	-	12' (3.5 m)	23,369' (7123 m)	110
Airbus	A-318	С	Ш		111.9' (34 m)	41.2' (13 m)	103.2' (31 m)	43' (13 m)		31' (9 m)	130,073' (39646 m)	138
Airbus	A-319	С	Ш		111.9' (34 m)	38.6' (12 m)	111.2' (34 m)	44' (13 m)		30' (9 m)	141,096' (43006 m)	138
Airbus	A-300	С	IV	5	147.1' (45 m)	54.3' (17 m)	177.5' (54 m)	72' (22 m)	ı	36' (11 m)	378,534' (115377 m)	135

Questions

