

# Heuristic Analysis

My Air Cargo problem

Cargo Problem	Search Type	Expansions	Goal Tests	New Nodes	Elapsed Time (s)
air_cargo_p1	breadth_first_search	43	56	180	0.051
air_cargo_p1	depth_first_graph_search	12	13	48	0.021
air_cargo_p1	uniform_cost_search	55	57	224	0.063
air_cargo_p2	breadth_first_search	3343	4609	30509	25.290
air_cargo_p2	depth_first_graph_search	582	583	5211	5.569
air_cargo_p2	uniform_cost_search	5852	4854	44030	23.666
air_cargo_p3	breadth_first_search	14663	18098	129631	209.598
air_cargo_p3	depth_first_graph_search	627	628	5176	5.836
air_cargo_p3	uniform_cost_search	16963	16965	149136	109.569

Planning Graph

Cargo Problem	Search Type	Expansions	Goal Tests	New Nodes	Elapsed Time (s)
air_cargo_p1	astar_search h1	55	57	224	0.063
air_cargo_p1	astar_search h_ignore_preconditions	41	43	170	0.067
air_cargo_p1	astar_search h_pg_levelsum	0	2	0	0.016
air_cargo_p2	astar_search h1	4852	4854	44030	23.698
air_cargo_p2	astar_search h_ignore_preconditions	1450	1452	13303	8.097

air_cargo_p2	astar_search h_pg_levelsum	0	2	0	0.094
air_cargo_p3	astar_search h1	16963	16965	149136	98.000
air_cargo_p3	astar_search h_ignore_preconditions	4422	4424	39027	28.618
air_cargo_p3	astar_search h_pg_levelsum	0	2	0	0.179