```
# Actions Expansions Goal Tests New Nodes
  20
          43
                  56
                         178
Plan length: 6 Time elapsed in seconds: 0.0035527779999999926
Load(C1, P1, SFO)
Load(C2, P2, JFK)
Fly(P2, JFK, SFO)
Unload(C2, P2, SFO)
Fly(P1, SFO, JFK)
Unload(C1, P1, JFK)
Solving Air Cargo Problem 1 using depth_first_graph_search...
# Actions Expansions Goal Tests New Nodes
          21
                  22
                          84
Plan length: 20 Time elapsed in seconds: 0.002123834000000005
Fly(P1, SFO, JFK)
Fly(P2, JFK, SFO)
Load(C2, P1, JFK)
Fly(P1, JFK, SFO)
Fly(P2, SFO, JFK)
Unload(C2, P1, SFO)
Fly(P1, SFO, JFK)
Fly(P2, JFK, SFO)
Load(C2, P2, SFO)
Fly(P1, JFK, SFO)
Load(C1, P2, SFO)
Fly(P2, SFO, JFK)
Fly(P1, SFO, JFK)
Unload(C2, P2, JFK)
Unload(C1, P2, JFK)
Fly(P2, JFK, SFO)
Load(C2, P1, JFK)
Fly(P1, JFK, SFO)
Fly(P2, SFO, JFK)
Unload(C2, P1, SFO)
Solving Air Cargo Problem 1 using uniform_cost_search...
# Actions Expansions Goal Tests New Nodes
          60
                  62
                         240
Plan length: 6 Time elapsed in seconds: 0.005504161000000007
Load(C2, P2, JFK)
Fly(P2, JFK, SFO)
Load(C1, P2, SFO)
Unload(C2, P2, SFO)
Fly(P2, SFO, JFK)
Unload(C1, P2, JFK)
Solving Air Cargo Problem 1 using greedy_best_first_graph_search with h_unmet_goals...
# Actions Expansions Goal Tests New Nodes
                         29
Plan length: 6 Time elapsed in seconds: 0.0009007209999999932
Load(C1, P1, SFO)
Load(C2, P2, JFK)
Fly(P2, JFK, SFO)
Unload(C2, P2, SFO)
Fly(P1, SFO, JFK)
Unload(C1, P1, JFK)
Solving Air Cargo Problem 1 using greedy_best_first_graph_search with h_pg_levelsum...
# Actions Expansions Goal Tests New Nodes
                         28
Plan length: 6 Time elapsed in seconds: 0.26430812000000004
Load(C1, P1, SFO)
Fly(P1, SFO, JFK)
Unload(C1, P1, JFK)
Load(C2, P2, JFK)
```

Solving Air Cargo Problem 1 using breadth\_first\_search...

```
Fly(P2, JFK, SFO)
Unload(C2, P2, SFO)
Solving Air Cargo Problem 1 using greedy_best_first_graph_search with h_pg_maxlevel...
# Actions Expansions Goal Tests New Nodes
  20
                 8
                         24
Plan length: 6 Time elapsed in seconds: 0.19882094300000003
Load(C1, P1, SFO)
Load(C2, P2, JFK)
Fly(P2, JFK, SFO)
Fly(P1, SFO, JFK)
Unload(C2, P2, SFO)
Unload(C1, P1, JFK)
Solving Air Cargo Problem 1 using greedy_best_first_graph_search with h_pg_setlevel...
# Actions Expansions Goal Tests New Nodes
                 8
                         28
Plan length: 6 Time elapsed in seconds: 0.35514772400000005
Load(C1, P1, SFO)
Fly(P1, SFO, JFK)
Unload(C1, P1, JFK)
Load(C2, P2, JFK)
Fly(P2, JFK, SFO)
Unload(C2, P2, SFO)
Solving Air Cargo Problem 1 using astar_search with h_unmet_goals...
# Actions Expansions Goal Tests New Nodes
          50
                  52
                         206
Plan length: 6 Time elapsed in seconds: 0.005250681000000035
Load(C2, P2, JFK)
Fly(P2, JFK, SFO)
Unload(C2, P2, SFO)
Load(C1, P2, SFO)
Fly(P2, SFO, JFK)
Unload(C1, P2, JFK)
Solving Air Cargo Problem 1 using astar_search with h_pg_levelsum...
# Actions Expansions Goal Tests New Nodes
          28
                  30
                         122
Plan length: 6 Time elapsed in seconds: 0.67017619
Load(C2, P2, JFK)
Fly(P2, JFK, SFO)
Unload(C2, P2, SFO)
Load(C1, P2, SFO)
Fly(P2, SFO, JFK)
Unload(C1, P2, JFK)
Solving Air Cargo Problem 1 using astar_search with h_pg_maxlevel...
# Actions Expansions Goal Tests New Nodes
                  45
                         180
          43
Plan length: 6 Time elapsed in seconds: 0.7353090330000001
Load(C2, P2, JFK)
Fly(P2, JFK, SFO)
Load(C1, P2, SFO)
Unload(C2, P2, SFO)
Fly(P2, SFO, JFK)
Unload(C1, P2, JFK)
Solving Air Cargo Problem 1 using astar_search with h_pg_setlevel...
# Actions Expansions Goal Tests New Nodes
          33
                  35
                         138
Plan length: 6 Time elapsed in seconds: 1.0101642910000002
Load(C2, P2, JFK)
Fly(P2, JFK, SFO)
Unload(C2, P2, SFO)
Load(C1, P2, SFO)
Fly(P2, SFO, JFK)
```

Unload(C1, P2, JFK)