

TRUE COST CALCULATOR FOR TIME VS MONEY

ACTUAL NUMBERS FOR A PLANNING TIME OF TWO DAYS*

The example below is for two chemical plants operated by a large multi-national company

COMMERCIAL AIRLINE TRIP WITH ONE CONNECTION

Plant A Departure				Plant B Arrival							
New Johnsonville, Tennessee				To KBNA	Pascagola, Mississippi				From KMOB		
miles	time	wait time	statute miles	time	miles	time	total miles	total time	total time		
94	103	120	654	193	33	54	748	6.9	6:56		

Delta Air Lines Cost

PRIVATE AVIATION TRAVEL POINT TO POINT

Plant A				Plant B							
New Johnsonville, Tennessee				Om4	Pascagola, Mississippi				KPQL		
miles	time	wait time	statute miles	time	miles	time	total miles	total time	total time		
14	23	15	387	70	10	19	401	1.8	1:48		

* Actual numbers will vary with lead time and trip pairings

COMMERCIAL AIRLINE TRIP WITH ONE CONNECTION

Plant B Departure					Arrival Home					To KBNA	
Pascagola, Mississippi					New Johnsonville, Tennessee						
miles	time	wait time	statute miles	minutes	miles	time	total miles	total miles	total time	total time	
33	54	120	654	308	94	103	748	8.9	8:51		

Delta Air Lines Cost \$1,553.80

PRIVATE AVIATION TRAVEL POINT TO POINT

Plant B Departure					Arrival Home					To KBNA	
Pascagola, Mississippi					New Johnsonville, Tennessee						
miles	time	wait time	statute miles	time	miles	time	total miles	total time	total time		
10	19	15	387	70	14	23	401	1.8	1:48		

Private Aviation Cost \$5,428.00

Private Aviation Cost per seat \$1,357.00

Savings per seat over commercial \$196.80

Total time Commercial 15.8 15:47

Total Time Private Aviation 3.6 3:36

Social Loss Commercial per person 12.2 12:11

Cost Differential Single Occupant \$3,874.20 Per hour Cost \$317.99

Cost Differential Four Occupants (\$787.20) Per hour Cost (\$64.61)

Reflects savings with 4 occupants