think • go climate conscious
atmosfair
Airline Reporting

City pair assessment London (UK) - New York (USA) - one way

Airlines and efficiency rank	Net load factor (pax & cargo) [%]	Seating capacity [seats]	Kerosene consumption [kg]	Climate efficiency [points]	Average ticket price [EUR]	Change assessment [eff./price]
Potential optimum Boeing 777-200LR	100,0%	440	42.498	100	-	
1. Continental Airlines				60,2	778	+/+
Boeing 757	54,8%	175	20.784			
Boeing 777	39,7%	283	35.900			
CodeSharing:						
Lufthansa					785	+/o
United Airlines					769	+/+
British Midland					785	+/o
Iberia					954	+/-
2. Delta Airways				54,8	1001	+/-
Boeing 767-400	53,3%	281	31.839			
Boeing 767	39,4%	214	28.770			
CodeSharing:						
KLM					1010	+/-
3. British Airways				53,7	785	current
Boeing 767	54,6%	216	31.150			
Boeing 747-400	48,1%	291	59.570			
Boeing 777	47,8%	267	39.140			
CodeSharing:						
Iberia					954	o/-
4. American Airlines				44,9	788	-/-
Boeing 777	47,8%	247	40.486			
CodeSharing:						
Jet Blue					769	-/+
5. Virgin Atlantic				43,3	785	-/o
Boeing 747-400	64,2%	451	56.327			
Airbus A340-600	51,4%	308	43.382			
Airbus A340-300	43,2%	240	36.80			

Airline and climate data: 2009; Price data: 2011

better climate efficiency & not more expensive than current airline

current airline

worse climate efficiency & not cheaper than current airline

Change assessment

+ win
- loose
o unchanged

Climate efficiency points	calculated by atmosfair, assesses the flight with regards to its climate efficiency, best: 100, worst: 0
Average ticket price	observed on airlines' websites for 18th August 2011 (1 pax, economy class)
Change assessment	assesses the hypothetical change from currently used airline to this airline taking into account climate efficiency and price
Seating capacity	number of available and offered seats on board of this aircraft
Net load factor	relation of transported net load (pax & cargo) to total net load capacity of this aircraft
Total fuel consumption	total kerosene consumption for one flight. Influenced by passenger load factor, aircraft type, seating capacity, cargo capacity, cargo load factor, engine and winglets.