

Airbus ACJ340 Stats

HOURLY DIRECT OPERATING COSTS		
Fuel (\$7.25/gal)		\$16,080.50
Maintenance labor (\$83/hour)		\$857.70
Parts, airframe, engine, avionics		\$326.35
Inspections, component overhauls, life limited parts		\$1,918.00
Engine restoration		\$1,530.92
APU overhaul		\$61.07
Landing and parking fees		\$631.41
Crew expenses		\$290.58
Supplies and catering		\$153.30
Total		\$21,849.83
ANNUAL FIXED OPERATING COSTS		
Crew salaries (est.)	Captain	\$161,000.00
	Copilot	\$120,000.00
	Cabin attendant	\$90,000.00
	Benefits	\$111,300.00
Hangar rental (typical)		\$190,000.00
Insurance	Hull (0.09% of \$230 million insured value)	\$207,000.00
	Single-limit liability	\$16,000.00
Recurrent crew training		\$99,000.00
Aircraft modernization (avg. per year)		\$50,000.00
Navigational chart service		\$15,001.00
Refurbishing		\$179,550.00
Computer maintenance program		\$20,000.00
Aviation weather service (typical)		\$700.00
Total		\$1,259,551.00
TOTAL ANNUAL COSTS		
Without depreciation	Hourly costs	\$9,417,276.73
	Fixed operating costs	\$1,259,551.00
	Total	\$10,676,827.73
	Per flight hour	\$24,772.22
	Per nautical mile	\$61.01
	Per seat nautical mile	\$3.21
With book depreciation (10%)	Hourly costs	\$9,417,276.73
	Fixed operating costs	\$1,259,551.00
	Depreciation (10%)	\$23,000,000
	Total	\$33,676,827.73
	Per hour	\$78,136.49
	Per nautical mile	\$192.44
With market depreciation	Hourly costs	\$9,417,276.73
	Fixed operating costs	\$1,259,551.00
	Depreciation	\$9,200,000.00
	Total	\$19,876,827.73
	Per hour	\$46,117.93
	Per nautical mile	\$113.58
	Per seat nautical mile	\$5.98

PERFORMANCE	
Range*	Seats full: 9,900 nm
	Ferry range: 9,900 nm
Cruise speed	Max: 474 kt
Service ceiling	Certified max: 41,000 ft
SPECIFICATIONS	
Cabin dimensions	Height: 7.91 ft
	Width: 17.33 ft
	Length: 166.67 ft
Baggage	Internal: 500 cu ft
Passengers (executive)	19
Pilots	2
Weights	Maximum takeoff: 568,890 lb
	Basic operating: 284,264 lb
	Usable fuel: 248,952 lb
	Maximum payload: 103,816 lb
	Payload with full fuel: 35,674 lb

Note: Economic data assumes annual usage of 431 hours and 175,000 nautical miles.
Source: Conklin & de Decker, Orleans, Mass.