

changed from a predominantly piston fleet to pure jet. Today commercial air transportation accounts for more than 60 percent of the intercity travel by common carrier in the United States. Over 90 percent of overseas passengers traveling to and from the United States move by air. The amount of air cargo carried by U.S. airlines has doubled, rising from 1.6 billion revenue ton-miles to 3.5 billion. At the same time the general aviation fleet has risen from 84,000 to 104,000 aircraft. The number of turbine-powered general aviation aircraft has quadrupled.

This growth is dwarfed by that predicted for the immediate future. Passenger travel will triple within the next 10 years to a total of almost 400 million passengers a year. Air cargo is expected to reach six to eight times its present volume. The air carrier fleet will increase by about 1,000 aircraft and the aircraft types will change radically. The next 10 years will see the advent of the jumbo jets carrying from 350 to over 500 passengers and the introduction of the supersonic aircraft whose speed alone will triple aircraft utilization. The general aviation fleet will double to about 200,000 aircraft in operation within the confines of the United States.

Listed below are some of the charts presented to the subcommittee by the Federal Aviation Administration containing the statistics upon which the FAA forecast has been based. They are conservative estimates and show dramatically the magnitude of the problem facing our airports from anticipated traffic increase alone.

THE NATIONAL AIRPORT PLAN, 1968-72—NATIONAL ECONOMIC INDICATORS

	1965	1970	1975	1980	Percent growth, 1965-80
Population (millions).....	194	206	220	235	21
Gross national product (billions of 1958 dollars).....	614	765	942	1,160	89
Air carrier enplaned passengers (millions).....	95	168	286	482	407
Aircraft operations, FAA tower airports (millions).....	35.6	69.3	113.4	184.6	418
Fuel consumption (billions of gallons).....	4	7.7	12	17	325
Civil aircraft:					
Air carrier.....	2,125	2,540	3,240	3,600	70
General aviation.....	88,742	128,000	166,000	210,000	137
Aircraft production.....	11,050	20,850	26,500	33,500	203

22 LARGE HUB FORECAST OF AVIATION DEMAND

	1965	1980	Percent increase
Aircraft operations (millions).....	20.3	74.6	269
Enplaned passengers (millions).....	69.5	370.6	433
Air cargo tons (millions).....	1.3	19.7	1,377
General aviation based aircraft (thousands).....	20.3	50.3	146

22 LARGE HUB FORECAST OF SELECTED 1980 FACILITY NEEDS

Air carrier:	
Gate positions.....	2,774
Vehicle parking area (square yards).....	11,500,000
Terminal building area (square feet).....	52,300,000
Cargo building area (square feet).....	7,900,000
Aircraft apron area (square yards).....	23,800,000
General aviation:	
Vehicle parking area (square yards).....	3,300,000
Terminal building space (square feet).....	3,500,000
Aircraft apron area (square yards):	
Hangar area.....	22,100,000
Open area.....	45,300,000