

FROM AMERICAN AIRLINES

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A new transport airplane, faster than any other in airline service, was announced today by American Airlines, Inc. and Douglas Aircraft Company.

The new airplane, to be known as the Douglas DC-7, was designed by the engineers of American and Douglas to be the most modern in the transport field, and it will represent the best effort of their wealth of transport experience.

The airplane will be 40 inches longer than the well-known DC-6B. It will be powered by four Wright Turbo Compound engines. The compound engine, a new and modern development, is one which utilizes the energy of the exhaust gases to operate three auxiliary turbines, which in turn are geared back to the engine crankshaft. The result is increased horsepower and high fuel economy.

The new airplane will transport sixty (60) passengers at cruising speed of more than 360 miles per hour. It will be about fifty (50) miles per hour faster than the DC-6B. Top speed will be in excess of 400 miles per hour.

American Airlines is ordering twenty-five (25) of the new airplanes, at a cost of approximately \$1,590,000 each. The airplanes will be delivered late in 1953 and early in 1954, and it is anticipated that they will go into service, on transcontinental schedules, January 1, 1954.

American recently announced that it expected to purchase a total of thirty airplanes from Douglas. That has now been changed to thirty-six. Eleven will be of the DC-6A and DC-6B types, to be delivered in early 1953, and twenty-five will be of the new DC-7 type.

Commenting on this new development in air transport, C. R. Smith, President, American Airlines, said: "The high speed and the long cruising range of the DC-7 will make it the most modern of the United States transport airplanes. Readily convertible to a troop carrier it can move more than 100 troops across the North Atlantic. It will provide faster schedules for the traveling public and will be a substantial addition to national airpower."

COMPARISON

	<u>DC-6B</u>	<u>DC-7</u>
Manufacturer	Douglas	Douglas
Length	105 ft. 7 in.	108 ft. 11 in.
Speed (cruising)	313 mph	363 mph
Seats	52 - 6 in rear lounge	60 passenger - 6/95 coach
Engines	4 Pratt & Whitney 2400 H.P.	4 Wright Turbo Compound 3250 H.P.
Wing Span	117 ft. 6 in.	117 ft. 6 in.
Maximum takeoff weight	100,000 pounds	116,800 pounds