



ALLISON TURBO-PROP ENGINES POWER NAVY'S GIANT PATROL BOAT TO AN AMERICAN "FIRST"

EQUIPPED with four new Allison T40 Turbo-Prop engines, the Navy's 60-ton XP5Y Convair flying boat chalked up an American first in its maiden flight from the harbor base of the Consolidated Vultee Aircraft Corporation at San Diego, California.

This long-range anti-submarine patrol seaplane is the first American aircraft to fly solely with Turbo-Prop power.

With a total weight of only 10,000 pounds and developing a spectacular 22,000 horsepower, the four Allison twin-turbine engines establish a world's

record in a horsepower-to-engine-weight ratio — 2.2 horsepower for each pound of engine.

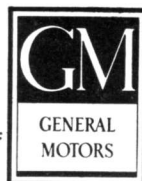
The power from one of these T40 Turbo-Props is greater than the total power of all four reciprocating-type engines in a B-17 Flying Fortress, with only a fraction of the piston-type engine weight.

This first flight of the Convair clearly demonstrates revolutionary design advantages, through the use of Allison Turbo-Prop engines, now applicable to all military transport, cargo and commercial aircraft in the high-power field.

Allison

Builder of Axial and Centrifugal Flow Turbine Engines

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