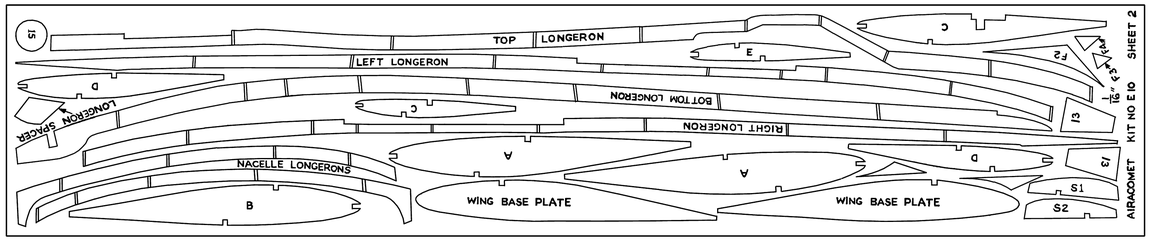
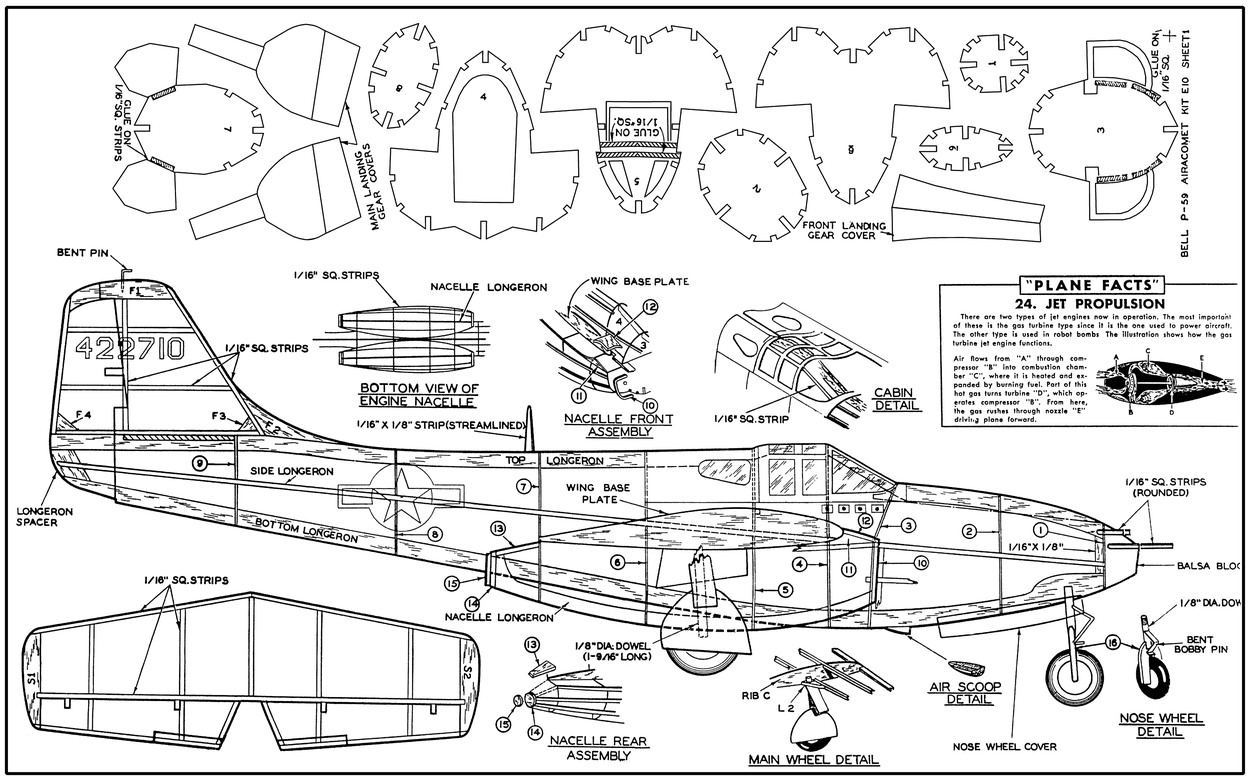


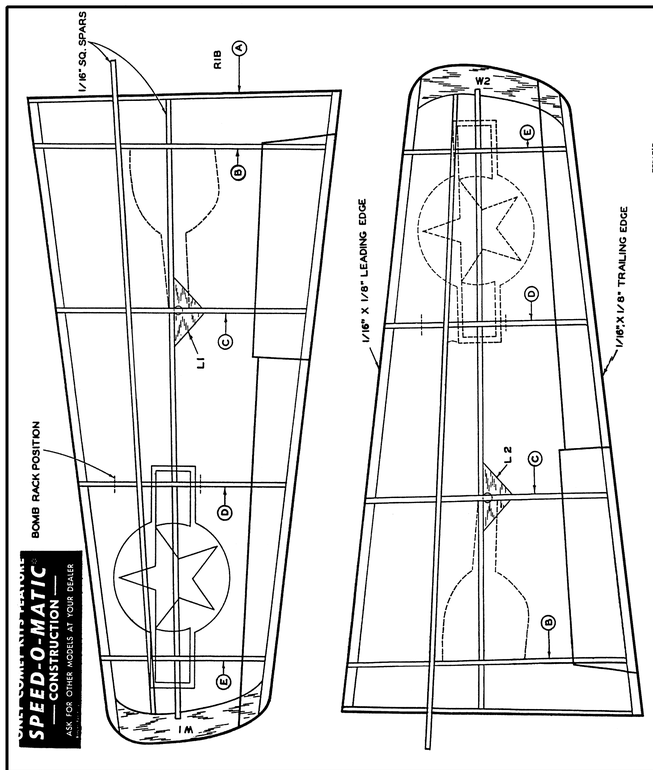


"PLANE FACTS"

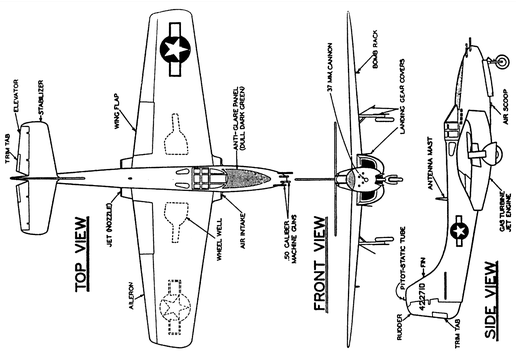
24. JET PROPULSION

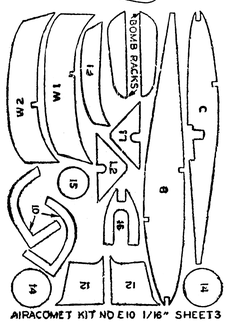
There are two types of jet engines now in operation. The most important of these is the gas turbine type since it is the one used to power aircraft. The other type is used in robot bombs. The illustration shows how the gas turbine jet engine functions.

Air flows from "A" through compressor "B" into combustion chamber "C", where it is heated and expanded by burning fuel. Part of this hot gas turns turbine "D", which operates compressor "B". From here, the gas rushes through nozzle "E" driving plane forward.



SPEED-O-MATIC CONSTRUCTION
ASK FOR OTHER MODELS AT YOUR DEALER





BELL P-59 AIRACOMET

Because of its speed, its high rate of climb and the unusual nature of its power source, it has been called the "Airacomet." It is the first U. S. plane to be flown by jet propulsion.

Powered by twin gas turbine jet engines and using kerosene for fuel, this single seat fighter has a speed of over 400 M.P.H., with new altitude limits.

Its jet engines do not require any warm up, permitting almost immediate take-offs. Armament consists of 4-.50 cal. machine guns and a 37 mm. cannon in the nose. The plane has a wingspan of 49 ft. and weighs a little more than 5 tons.

BELL P-59 "AIRACOMET"

WINGSPAN-18 INCHES	LENGTH-14-7/32 IN.
KIT NO E10	DRAWN BY Henry Hardy

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