



Sikorsky HSS-1 ASW Helicopter



Douglas AD5W Skyraider

Group Commander to detect surface and air contacts, to deploy his surface forces, and to direct the flight of his aircraft.

BENNINGTON not only accomplishes her mission by providing the Task Group Commander with accurate information, but she also has three different aircraft on board armed with detection gear and weapons capable of killing enemy submarines.

The S2F Tracker can carry out long range searches while operating miles from the carrier. This high performance twin-engine aircraft was designed solely to detect and attack submarines. It utilizes radar and instruments which measure electronic radiations from the submarines or deviations in magnetic patterns caused by her steel hull.

The HSS is a helicopter equipped with

underwater listening devices and an automatic hovering ability to pin-point the target once it is located.

The third type aircraft on board is the AD5W, an early warning aircraft. It is equipped with radar and an array of radio and electronic equipment that makes it very suitable for radio and radar relay between detached units and the carrier.

Once a submerged object has been detected, the problem for the ASW Task Group is one of identification. In future wars, victory or defeat in major battles may well depend on correctly identifying the friendly sounds from the unfriendly ones.

It is this difficult job of detection and identification which is the responsibility of the Task Group and the BENNINGTON.