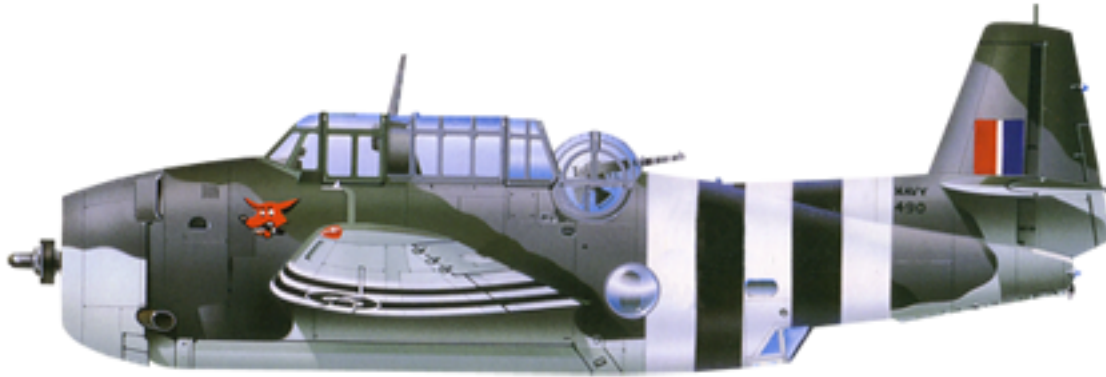


PATRIOTS POINT

★ HOME OF THE USS YORKTOWN ★



TBM AVENGER Grumman

Designed and developed by Grumman, the TBM Avenger torpedo bomber on display in YORKTOWN's hangar deck was built by the General Motors Company in fall of 1942.

Early Avenger's went into Navy service in time for the June 1942 Battle of Midway. The Avenger played a pivotal role in the Pacific because of its effectiveness against the Japanese fleet and its rugged resistance to enemy fire. Avenger's three man crew included a pilot, a rear gunner in a powered turret and a bombardier/ gunner in the plane's belly.

An Avenger assembly line in Tarrytown, New York may have propelled to fame a real life "Rosie the Riveter". After the fictional "Rosie" appeared on a Saturday Evening Post cover in May, 1943 a newspaper photographer discovered Rose Hicker. She was pictured driving a record number of rivets into an Avenger wing. The "real Rosie" became a media sensation.

Type: three-seat carrier-based torpedo bomber

Powerplant: one 1268-kW (1700-hp) Wright R-2600-8 Cyclone 14-cylinder radial piston engine

Maximum speed: 436 km/h (270 mph) at 5030 m (15,000 ft)

Climb rate: 435 m/min (1425 fpm)

Range: 1778 km (1100 miles)

Service ceiling: 6830 m (22,400 ft)

Weights: empty 4788 kg (10,534 lb); maximum take-off 7876 kg (17,327 lb)

Armament: (TBF-1C) two fixed forward-firing 12.7-mm (.50-cal) machine guns; one 12.7-mm machine gun in rear turret; one 7.62-mm (.30-cal) machine gun in ventral position; 907 kg (2000 lb) of bombs or one torpedo in internal bomb-bay

Dimensions:

Span 16.51 m (54 ft 2 in)

Length 12.20 m (40 ft)

Height 5.00 m (16 ft 5 in)

Wing area 45.52 m² (490 sq ft)