

THE VERY BEST FREE-DECK SYSTEMS INCLUDE THESE 5 FEATURES.

FAST AND PRECISE CONTROL

Agile handling capabilities ensure aircraft can be quickly and precisely maneuvered into position in the hangar or on the deck for takeoff.

LOOK FOR SYSTEMS THAT:

- **Enable capture times of less than 12 seconds**
- Support variable traverse speeds up to 5 km/h
- Provide on-the-spot turning capabilities

INTUITIVE, SINGLE-PERSON OPERATION

aircraft management and increases safety. **LOOK FOR SYSTEMS THAT:**

Let the operator walk beside the

- aircraft as it is being moved Enable full visibility of the entire
- aircraft and the surrounding area during maneuvering Are controlled using one joystick for
- drive speed and direction and another for steering



COMPACT, LOW-PROFILE, AND RUGGED DESIGN

flexibility, and durability. **LOOK FOR SYSTEMS THAT:**

The right physical design features increase ease-of-use,

Interface directly with the aircraft with no need for tow bars or airframe modifications

minimal welding detail

- Fit well beneath the fuselage on a wide variety of aircraft Are built with high-grade stainless steel and include

PROVEN OPERATION IN THE FIELD

scenarios that match your requirements.

Always choose a free-deck system that is proven to perform in

Have maneuvered your models of helicopters, fixed-wing

aircraft, and unmanned aerial vehicles (UAVs) Operate safely on your ship classes and in your typical sea

THE FLEXIBILITY TO

LOOK FOR SYSTEMS THAT:

Can perform the required aircraft maneuvering and towing

tasks on the ship deck and on the ground

LOOK FOR SYSTEMS THAT:

PERFORM OTHER MOVING TASKS

The most flexible free-deck systems can also be used for other tasks on the ship and on the ground.

- Can be customized for applications such as handling skid helicopters and scissor lift work platforms



NAVAL AIRCRAFT HANDLING

criteria for free-deck naval aircraft handling systems.

GET PURPOSE-BUILT, FREE-DECK

The robust, flexible, and affordable Multi-Aircraft Nose Tail Interface System (MANTIS) aircraft tug from Curtiss-Wright's EMS Division meets all of the key

The MANTIS attaches directly to the aircraft, with no need for tow bars or airframe modifications. And it is intuitively controlled by a single operator.

system from Curtiss-Wright at www.cw-ems.com/indal.

LEARN MORE

Learn more about the purpose-built MANTIS free-deck naval aircraft handling

