DIXEQUIP



PART NUMBER:
MB-9515A
ADJUSTABLE CARGO TRAILER
CAGE: 4BRZ5
NSN 4940-01-717-4464



Features:

The Adjustable Cargo Trailer (ACT) is a four-wheel trailer with an adjustable platform. The platform utilizes independent hydraulics on all four corners to align the platform with the height and angle of a V-22 aircraft ramp, as well as H-53 and others. The ACT also utilizes cargo rollers on the platform and a winch to load/unload cargo such as the F-35 Power Module Shipping Skid and a fully loaded 463L pallet. The ACT platform includes a hydraulically actuated side shift capability to assist in aligning cargo with the centerline of V-22 and other aircraft.

- Trailers have a hydraulic pump and operator controls on the left side for cargo deck height, tilt (front to rear and side to side) and side-shift adjustments.
- The operator can hydraulically adjust each wheel's height to handle uneven surfaces or align with aircraft ramps, vehicles, docks or freight doors.
- Cargo deck rollers allow for easy transfer of loads "to & from" aircraft and vehicles.
- Trailers are made of steel and hot-dipped galvanized after fabrication for common protection. Cargo deck rollers have a galvanized finish.

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Adjustable Cargo Trailer

Authorized for; Munitions, Shipboard & Shore-based applications.

This trailer is constructed in America with domestically sourced assemblies and products. It is utilized by commercial and military clients for transporting general cargo as well as loaded 463L pallets, munitions and F-35 engine power module in specialized skid. The Adjustable Cargo Trailer (ACT) is approved for internal air transport in the V-22, H-53, C-130, C-17, and C-5.

- Solid Resilient Tires: Higher Load Capacity / Minimal Maintenance / Puncture Free Technology / Low Operating Cost
- Pallet restraints & D rings are located on each side, front and rear of the trailer.
- The parking Brake is hydraulically operated with the parking brake lock lever and quick release from control station.
- Winch-Fold down or removable. Located at front-center of trailer frame with fold out handle. 35' useable synthetic line with breaking strength of 21,700lbs.



DIXEQUIP

Leading Specifications:

- Shipboard authorized SWL = 7,500 lbs.
- Shore-based authorized SWL = 10,300 lbs.
- Munitions authorized SWL = 10,300 lbs.
- Net Operating Weight = 3160. Lbs.
- Conveyor Deck Side-Shift = 2 Inches each direction from centered position.
- Overall Length = 150 Inches with towbar in upright or stored position.
- Overall Width = 63.625 Inches.
- Overall Deck Height Lowered = 26.75 Inches.
- Overall Deck Height Raised = 35.5 Inches.
- Towbar = 57 Inches Long, 68 Inches tall in upright position. Removable and stores securely under the main frame from front of the Trailer. Includes a 3 Inch diameter ring for pintle hitch connection.
- May be loaded into the cargo bay of the V-22, H-53, C-130, C-17, and C-5 for air transport.
- Each trailer has a rear pintle hook for connecting multiple trailers to a single tow vehicle


CAUTION
SWL
7,500 lbs shipboard
10,300 lbs shore based
CAUTION
Lift Cylinders
Rear Left
Rear Right
Parking Brake
Slide Shift
CAT


NO STEP
WARNING
Max Tow Speed
MPH


Rear Axle Pin


TIE DOWN
LIFT (EMPTY) TIE DOWN
FORKLIFT (EMPTY)
MIL-PRF-82282 CAPACITY: 2.5 GAL
SWL 7,500 lbs shipboard 10,200 lbs shore based
FORKLIFT (EMPTY)
CAUTION
LIFT (EMPTY) TIE DOWN
TIE DOWN


TIE DOWN
TIE DOWN
Rear Axle Pin


CAUTION
FORKLIFT (EMPTY)
SWL
7,500 lbs shipboard
10,300 lbs shore based
CG
Unloaded
CAUTION
LIFT (EMPTY) TIE DOWN
TIE DOWN
Lift Cylinders


WARNING
Rear Axle Pin


TIE
DOWN
TIE
DOWN
Rear Axle Pin
Install axle pin prior to towing.
Remove axle pin prior to raising.


CAUTION
SWL
7,500 lbs shipboard
10,300 lbs shore based
CAUTION
Lift Cylinders


TIE DOWN
TIE DOWN
Rear Axle Pin


TIE
DOWN
TIE
DOWN
Rear Axle Pin
Install axle pin prior to towing.
Remove axle pin prior to raising.
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TIE DOWN
LIFT (EMPTY) TIE DOWN
FORKLIFT (EMPTY)
SWL
7,500 lbs shipboard
10,350 lbs shore based
FORKLIFT (EMPTY)
CAUTION
LIFT (EMPTY) TIE DOWN
TIE DOWN


NO STEP
WARNING
Max Tow Speed
WARNING
Rear Axle Pin
Install axle pin prior to towing
Remove axle pin prior to raising


CAUTION
SWL
7,500 lbs shipboard
10,300 lbs shore based
CAUTION
Lift Cylinders


REUSABLE CONTAINER
OPEN
LOCK
ACCESS PANEL
HANDLE
NOT FOR TIE DOWN OR LIFT
REUSABLE CONTAINER DO NOT DESTROY


TIE DOWN
LIFT (EMPTY) TIE DOWN
CAUTION
FORKLIFT (EMPTY)
SWL
7,500 lbs shipboard
10,300 lbs shore based
CG
Unloaded
FORKLIFT (EMPTY)
CAUTION
LIFT (EMPTY) TIE DOWN
TIE DOWN
Lift Cylinders



210211-N-MD461-1094 PACIFIC OCEAN (Feb. 11, 2021) Sailors assigned to the "Argonauts" of Strike Fighter Squadron (VFA) 147 load an F-35C Lightning II power module onto a CMV-22B Osprey assigned to the "Titans" of Fleet Logistics Multi-Mission Squadron (VRM) 30 on the flight deck of Nimitz-class nuclear aircraft carrier USS Carl Vinson (CVN 70). Vinson is currently underway conducting routine maritime operations. (U.S. Navy photo by Mass Communication Specialist Seaman Jeffrey Kempton/Released)



210211-N-MD461-1125 PACIFIC OCEAN (Feb. 11, 2021) Sailors assigned to the "Argonauts" of Strike Fighter Squadron (VFA) 147 load an F-35C Lightning II power module onto a CMV-22B Osprey assigned to the "Titans" of Fleet Logistics Multi-Mission Squadron (VRM) 30 on the flight deck of Nimitz-class nuclear aircraft carrier USS Carl Vinson (CVN 70). Vinson is currently underway conducting routine maritime operations. (U.S. Navy photo by Mass Communication Specialist Seaman Jeffrey Kempton/Released)



210211-N-MD461-1155 PACIFIC OCEAN (Feb. 11, 2021) Sailors assigned to the "Argonauts" of Strike Fighter Squadron (VFA) 147 load an F-35C Lightning II power module onto a CMV-22B Osprey assigned to the "Titans" of Fleet Logistics Multi-Mission Squadron (VRM) 30 on the flight deck of Nimitz-class nuclear aircraft carrier USS Carl Vinson (CVN 70). Vinson is currently underway conducting routine maritime operations. (U.S. Navy photo by Mass Communication Specialist Seaman Jeffrey Kempton/Released)



210211-N-MD461-1181 PACIFIC OCEAN (Feb. 11, 2021) An F-35C Lightning II power module is loaded onto a CMV-22B Osprey assigned to the "Titans" of Fleet Logistics Multi-Mission Squadron (VRM) 30 on the flight deck of Nimitz-class nuclear aircraft carrier USS Carl Vinson (CVN 70). Vinson is currently underway conducting routine maritime operations. (U.S. Navy photo by Mass Communication Specialist Seaman Jeffrey Kempton/Released)



210211-N-MD461-1164 PACIFIC OCEAN (Feb. 11, 2021) Sailors assigned to the "Argonauts" of Strike Fighter Squadron (VFA) 147 load an F-35C Lightning II power module onto a CMV-22B Osprey assigned to the "Titans" of Fleet Logistics Multi-Mission Squadron (VRM) 30 on the flight deck of Nimitz-class nuclear aircraft carrier USS Carl Vinson (CVN 70). Vinson is currently underway conducting routine maritime operations. (U.S. Navy photo by Mass Communication Specialist Seaman Jeffrey Kempton/Released)



210211-N-MD461-1202 PACIFIC OCEAN (Feb. 11, 2021) Sailors assigned to the "Argonauts" of Strike Fighter Squadron (VFA) 147 load an F-35C Lightning II power module onto a CMV-22B Osprey assigned to the "Titans" of Fleet Logistics Multi-Mission Squadron (VRM) 30 on the flight deck of Nimitz-class nuclear aircraft carrier USS Carl Vinson (CVN 70). Vinson is currently underway conducting routine maritime operations. (U.S. Navy photo by Mass Communication Specialist Seaman Jeffrey Kempton/Released)



210211-N-MD461-1385 PACIFIC OCEAN (Feb. 11, 2021) Sailors assigned to the "Titans" Fleet Logistics Multi-Mission Squadron (VRM) 30 prepare for takeoff inside a CMV-22B Osprey carrying an F-35C Lightning II power module on the flight deck of Nimitz-class nuclear aircraft carrier USS Carl Vinson (CVN 70). Vinson is currently underway conducting routine maritime operations. (U.S. Navy photo by Mass Communication Specialist Seaman Jeffrey Kempton/Released)



210211-N-MD461-1165 PACIFIC OCEAN (Feb. 11, 2021) Sailors assigned to the "Argonauts" of Strike Fighter Squadron (VFA) 147 load an F-35C Lightning II power module onto a CMV-22B Osprey assigned to the "Titans" of Fleet Logistics Multi-Mission Squadron (VRM) 30 on the flight deck of Nimitz-class nuclear aircraft carrier USS Carl Vinson (CVN 70). Vinson is currently underway conducting routine maritime operations. (U.S. Navy photo by Mass Communication Specialist Seaman Jeffrey Kempton/Released)



210211-N-MD461-1518 PACIFIC OCEAN (Feb. 11, 2021) A CMV-22B Osprey assigned to the "Titans" of Fleet Logistics Multi-Mission Squadron (VRM) 30 taxis on the flight deck of Nimitz-class nuclear aircraft carrier USS Carl Vinson (CVN 70). Vinson is currently underway conducting routine maritime operations. (U.S. Navy photo by Mass Communication Specialist Seaman Jeffrey Kempton/Released)