

FOD COMMANDER

FOD - NOT ON MY WATCH.

OPERATOR'S MANUAL AND TECHNICAL SPECIFICATIONS



Sherwin Industries, Inc.

AIRPORT RUNWAY SUPPORT

OPERATOR'S MANUAL

FOD COMMANDER



Thank you for purchasing the FOD COMMANDER from Eagle & Myslik Inc. We take pride in providing a quality, safe, durable and reliable product.

Take some time to read the Operator's Manual and familiarize yourself with the installation, operation, emptying and maintenance instructions to ensure the longevity of your FOD COMMANDER.

This manual contains essential information for assembling and using this product.

Please take notice of all warnings and keep this manual for future reference.

WARNING:

Before sweeping, we recommend removing or locating any sharp projections in the pavement that may cause damage to the sweeper.

CAUTION:

Avoid sweeping over a course sprayed chipseal surface. This surface may cause damage to the product.

Use the FOD COMMANDER with care around parked or moving aircraft, vehicles and people. USE EXTRA CAUTION in windy conditions.



ASSEMBLY

FOD COMMANDER QUICK HITCH

The FOD COMMANDER Quick Hitch holds the sweeper to the tarmac and tracks it behind the vehicle.

- Install coupler head of Quick Hitch over tow point [fig 1].
- Install locking pin to secure coupler head.
- Please ensure that when sweeping, hitch components do not contact the tarmac.



FOD COMMANDER DUPLEX BAR

The Duplex Bar allows the operator to use two sweepers side by side, to sweep double the width. [fig 2]

The Duplex Bar is connected to the vehicle with Duplex Bar Square Receiver, which connects to the tow point. [fig 3]



[fig 2]



[fig 3]

OPERATION

- The recommended speed range for optimal efficiency operation is 15 kph - 50 kph (10 mph- 30 mph)
- Regularly empty the sweeper of debris when the pockets are 25% full.

CAUTION: DO NOT REVERSE with sweeper attached to a vehicle. Forward motion only.

WARNING: The FOD COMMANDER extends beyond the width of the vehicle. Please be aware of people and obstacles.

EMPTYING DEBRIS

- With the FOD COMMANDER attached to the tow vehicle, use the shake handles to lift the edge of the sweeper that is furthest from the vehicle. Shake out debris.
- Lift the empty FOD COMMANDER at right angles to one side of the vehicle and place flat on the ground.
- Remove debris from the ground.

IMPORTANT: There is no requirement to remove mesh cover to clear debris.

ROUTINE MAINTENANCE

- Cleaning is usually not necessary. Use water and a water-based detergent if required.
CAUTION: Do not use petroleum, spirit-based or caustic cleaning agents.
- To keep your FOD COMMANDER performing efficiently, check tracking wheels before and after each sweep. Remove any grit or sand to ensure free rotation of wheels. Replace wheels when they wear to a minimum thickness of 1 cm measured to the underside of the wheel carriage.
- Check components and fasteners after each sweep to ensure they remain in good working order.

STORAGE

- Make sure the sweeper is dry.
- Start at the rear of the mat and roll loosely from back to front.
- Place in the carry bag or carry strap.
- Store flat or hang vertically undercover.



TECHNICAL SPECIFICATIONS

PERFORMANCE

- Option for duplex bar configuration.
- Speed rated to 45 kph (30 mph)
- All-weather operation.
- Suitable for military and civilian vehicle operation.

COMPLIANCE & MANUFACTURING

- Made In Australia using quality components.
- Complies with U.S. Department of Transportation. Federal Aviation Administration. Airport Foreign Object Debris (FOD) Management. AC No: 150/5210-24. 5.2.b. Non-Mechanical Systems. (1) Friction Mat Sweepers. A rectangular assembly towed behind a vehicle that employs a series of bristle brushes and friction to sweep FOD into sets of capture scoops, which are covered by a retaining mesh to hold collected debris.
- US\$14M Products Liability Insurance.



WEIGHTS & DIMENSIONS

FC8 -4DMC

Operating Weights and Dimensions

Length(cm):	172	(68 in)
Width (cm):	244	(96 in)
Height (cm):	30	(12 in)
Weight (kg):	32	(70 lbs)

Shipping Weights and Dimensions

Length(cm):	256	(100 in)
Width (cm):	30	(12 in)
Height (cm):	30	(12 in)
Weight (kg):	32	(71 lbs)

Harmonized Code: 9603.90.8040



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