



# Aircraft Wheel Chocks with SafeRay™ Technology

The Most Reliable and Advanced Aircraft Chocking Solution for Safety and Asset Protection

# Regulations

FAA and OSHA require wheel chocks on moving vehicles on the tarmac and facilities.

## Problem

## Solution

Typical wheel chocks are black and their reflective tape wears or fades over time, making it difficult to identify if a wheel chock has been placed.

SafeRay™ high-viz technology improves visibility by 50% at night.

**50%**  
MORE VISIBILITY

Standard rubber aviation chocks can be difficult to pull from a plane wheel and cause ergonomic injuries.

Up to 50% lighter construction and unique handle options to decrease injury and increase efficiency.

**50%**  
LIGHTER

Other chocks, like those made of rubber, break down easily and cause FOD (foreign object debris) which is very dangerous.

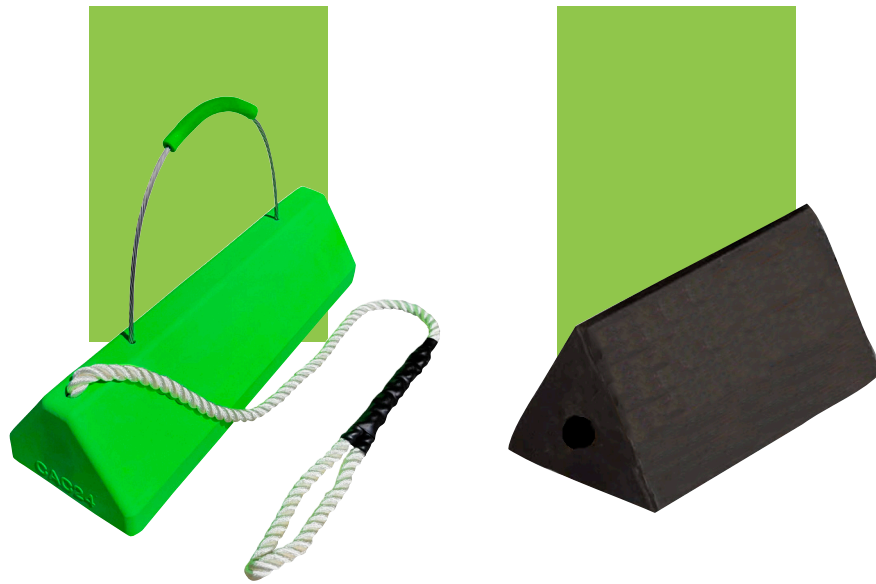
Urethane construction lasts up to 5x longer and is more durable, lowering the risk and the total cost of ownership.

**5X**  
LONGER

Wide and narrow body aircrafts often require different sizes of chocks, adding to inventory and expense.

Unique geometry is compatible with both wide and narrow, providing a one-size-fits-many product.

**ONE**  
SIZE FITS MANY




## MATERIAL COMPETITIVE ANALYSIS CHART:

Feature	Polyurethane Chocks	Rubber Chocks
<b>Weight</b>	Up to 50% lighter weight	Higher risk of ergonomic injuries
<b>Value</b>	Higher initial cost but payback in 1 year	Lower initial cost, frequent labor needs
<b>Chemical Resistance</b>	Resistant to fuels, oils, and lubricants	Will breakdown when exposed to harsh chemicals or UV
<b>Maintenance</b>	None required	Replace reflective tape or rope
<b>Visibility</b>	High visibility fluorescent color throughout the material	Reflective tape that breaks down
<b>Safety Features</b>	Light weight design and durable carry handle. Hi visibility to help reduce ergonomic injuries and vehicle accidents	Rope knot hole and slots

# TCO

## TOTAL COST OF OWNERSHIP



Polyurethane Chocks	VS	Rubber Chocks
\$293.76 / chock	<b>Cost of Chock</b>	\$52.00 / chock
\$0.00 / year	<b>Field Modification</b>	\$30.00 / chock
3 Year Warranty	<b>Frequency of Replacement</b>	6 months
\$97.92	<b>Cost Per Year</b>	\$134.00

**Potential to Reduce Your Recordable Injuries from Ergonomics or Vehicle Accidents — PRICELESS**



## UNMATCHED RELIABILITY AND DURABILITY: PROTECTING MULTI-MILLION DOLLAR ASSETS

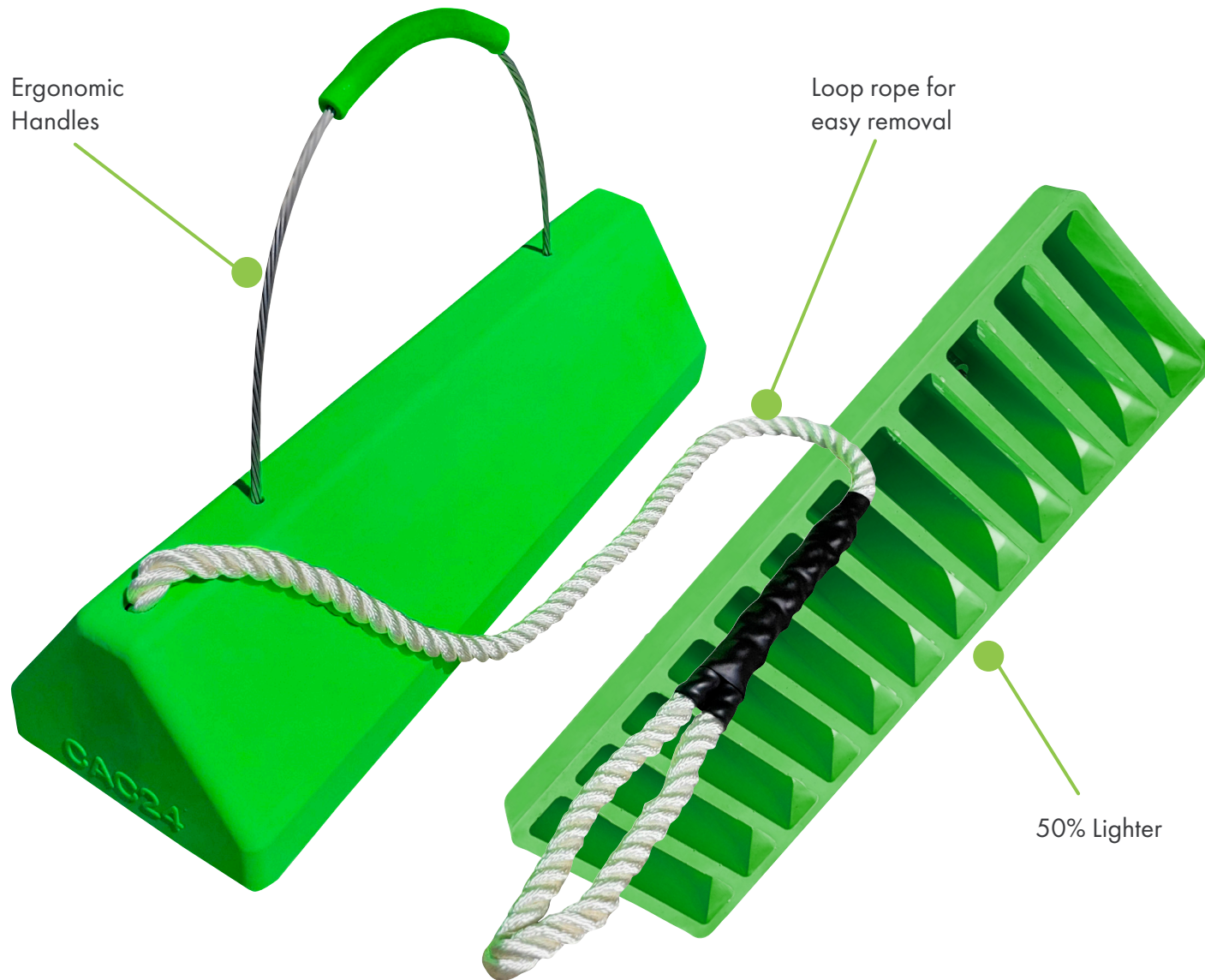
- **Urethane Advantage Over Rubber — Designed for the Extremes:** Unlike rubber chocks, which degrade rapidly when exposed to common airfield chemicals and harsh environmental conditions, Checkers Safety polyurethane chocks are engineered to withstand the full spectrum of elements. Rubber chocks absorb moisture, deteriorate with glycol-based de-icing fluids, and crack or swell with exposure to hydraulic oils, jet fuel, and UV radiation. These issues create the potential for chock failure, increasing the risk of rollaways that could result in catastrophic damage or injury.
- **3x Longer Lifespan and Superior Chemical Resistance:** Built to last three times longer than rubber alternatives, our polyurethane chocks resist cracking, swelling, and softening due to chemicals and extreme temperatures. This means fewer replacements and consistent performance, ensuring high-value aircraft assets are reliably secured.
- **Temperature Resilience and Structural Integrity:** With resilience to both subzero and extreme heat, our chocks maintain their form and grip across most operating conditions, providing a drastic improvement in reliability and safety, protecting assets valued at millions.

## SIGNIFICANT STEP-CHANGE IN THE SAFETY OF EVERYDAY AIRLINE OPERATIONS

- **SafeRay™ Visibility Technology:** Our exclusive, patent-pending SafeRay™ technology ensures chocks are visible in both daylight and low-light conditions, helping GSE operators easily identify and avoid them, thus preventing accidental collisions that can damage equipment, cause injuries, or lead to costly delays.
- **50% Lighter for Safer, Ergonomic Handling:** At half the weight of traditional rubber chocks, our polyurethane design significantly reduces handling strain, making it safer and easier for ground crews to manage during high-frequency operations.

## MULTI-AIRCRAFT COMPATIBILITY FOR FLEET-WIDE STANDARDIZATION

- **One Solution for Most Aircraft Types:** Our patent-pending geometry fits both narrow-body and wide-body aircraft, allowing airlines to standardize on a single chock across their fleet. This compatibility reduces the risk of improper chocking, improves safety, and minimizes inventory and logistics costs associated with maintaining different chock sizes.



## FEATURES & BENEFITS

Checkers Safety Aircraft Wheel Chocks with SafeRay™ technology redefine ground support with a **3x** longer lifespan, **50%** lighter weight, unmatched chemical and environmental resilience, and multi-aircraft compatibility. Designed for the rigorous demands of aviation, our chocks provide the most dependable, visible, and ergonomic solution available—bringing a transformational step-change in the safety of everyday airline operations.

### Tire Diameter

One solution for most aircraft types

### Surface

SafeRay™ visibility technology

### Gross Vehicle Weight

50% lighter for safer, ergonomic handling

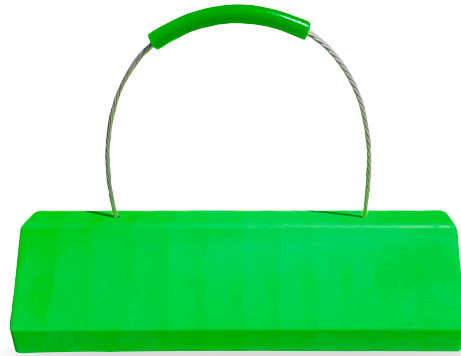
## CERTIFICATION & COMPLIANCE



Ground Operations Manual (IGOM)  
Airport Handling Manual (AHM)



AIR 4905



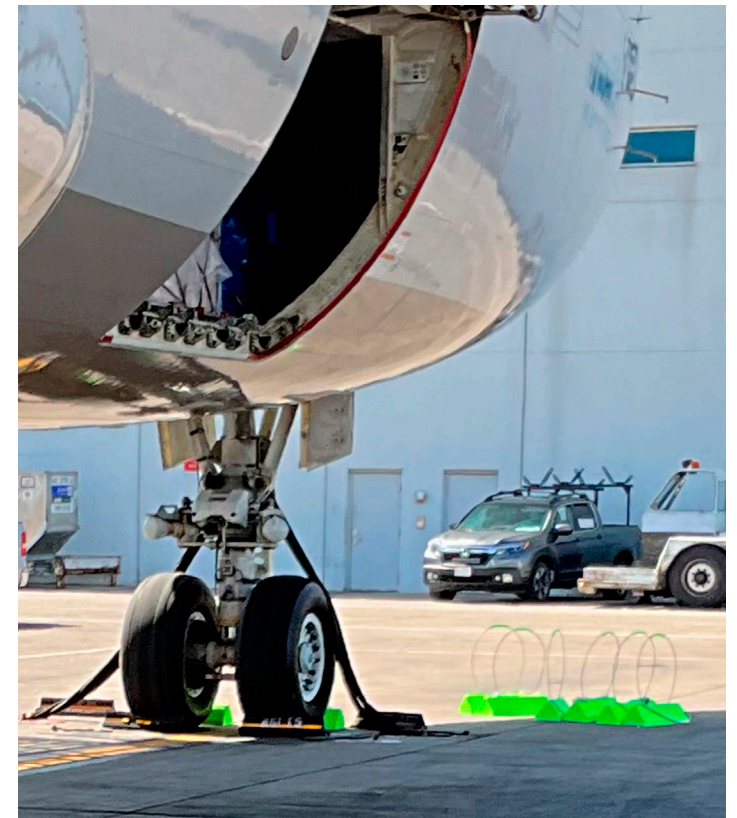
# APPLICATIONS

Passenger Gates

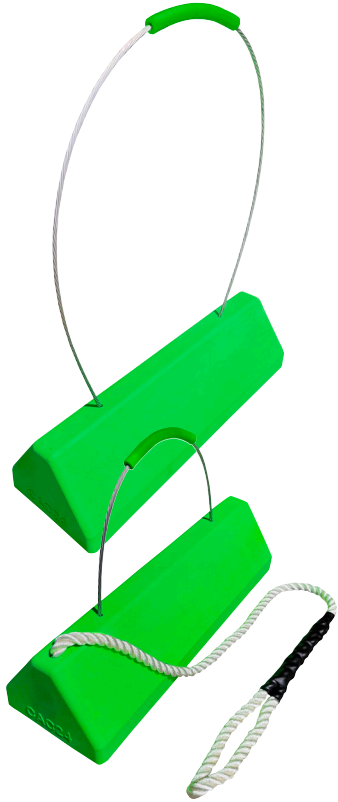
Cargo Gates

Tech Ops

Movement Teams



# Commercial Aviation Check for Narrow to Wide Body Aircraft



Item	Description	Weight	Width	Length	Height	Warranty
CAC24	Durable Polyurethane Cable Handle, Fluorescent Green	15 lb	8 in	24 in	6 in	3 years
CAC24-ECH	Durable Ergonomic Polyurethane Cable Handle, Fluorescent Green	16 lb	8 in	24 in	6 in	3 years
CAC24-QLR	Durable Polyurethane Loop Rope Cable Handle, Fluorescent Green	15 lb	8 in	24 in	6 in	3 years
CAC24-QLR-ECH	Durable Loop Rope Ergonomic Polyurethane Cable Handle, Fluorescent Green	15 lb	8 in	24 in	6 in	3 years
CAC24-RP	Rubber Pad, Durable Polyurethane Cable Handle, Fluorescent Green	16 lb	8 in	24 in	6 in	3 years
CAC24-RP-ECH	Rubber Pad, Durable Ergonomic Polyurethane Cable Handle, Fluorescent Green	17 lb	8 in	24 in	6 in	3 years
CAC24-QLR-RP	Rubber Pad, Durable Polyurethane Cable Handle, Loop Rope Lanyard, Fluorescent Green	16 lb	8 in	24 in	6 in	3 years
CAC24-QLR-RPECH	Rubber Pad, Durable Ergonomic Polyurethane Cable Handle, Loop Rope Lanyard, Fluorescent Green	17 lb	8 in	24 in	6 in	3 years





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