

Inspection &
Maintenance Procedures
Furio SkyDolly

ROSS

Inspection and Maintenance Overview

This document outlines the procedures for inspecting and maintaining the Furio SkyDolly system. It complements the *Furio SkyDolly Technical Manual (5100DR-074-01)* and is intended for use by trained personnel only.

Important Notes:

- All safety instructions in the *Furio SkyDolly Technical Manual (5100DR-074-01)* must be adhered to during all inspections.
- If no biennial inspection records exist, tasks for both odd **and** even years must be completed.

SkyDolly System Information

Provide system details in the table below before starting the inspection.

| | |
|---|--|
| Installation Location | |
| Installation Date | |
| Inspection Completed By | |
| General Comments (ex. repairs, notes for future inspections) | |

Inspection and Maintenance Tasks

Annual Inspection Tasks

The table below outlines maintenance tasks to be performed annually, including cleaning, inspections, and re-torquing fasteners.

| Annual Inspection Task | Description |
|---|---|
| Inspect Dolly Rails | Check rails are smooth and dirt free. Clean if necessary. |
| Inspect Dolly Wheels | Check dolly wheels are undamaged and dirt free. Clean if necessary. |
| Inspect Safety Rails | Check rails are smooth and dirt free – clean if necessary. |
| Inspect Tow Cable Breakaway Tabs | Check for cracks, or stressed surface markings. |
| Inspect Cable Bundle Breakaway Tabs | Check for cracks, or stressed surface markings. |
| Inspect Lift/Column Base Fasteners | Inspect and re-torque fasteners. |
| Inspect Head Collar Fasteners | Inspect and re-torque fasteners. |
| Inspect all Safety Tethers | Check for excessive signs of wear. Ensure tethers are secured fastened and do not impede robotic motion. |
| Inspect Head Collar Safety Plate Screws | Inspect and Re-torque fasteners. |
| Inspect Cable Trolley Wheels | Check that wheel bearings are free-running, and that rubber tires are not damaged. |

Biennial Inspection Tasks

The biennial tasks are divided into two groups—odd years and even years. Refer to the respective tables below for details.

Odd Years (Yr 1, 3, 5, etc.)

Perform the following tasks during odd-year inspections:

| Biennial Inspection Task (Years 1, 3, 5, etc.) | Description |
|---|----------------------------------|
| Inspect Rail Fastening Screws | Inspect and re-torque fasteners. |
| Inspect Rail Foot Screws | Inspect and re-torque fasteners. |
| Inspect Safety Rail Coupling Screws | Inspect and re-torque fasteners. |
| Inspect Dolly Rail Coupling Screws | Inspect and re-torque fasteners. |

Even Years (Year 2, 4, 6, etc.)

Perform the following tasks during even-year inspections:

| Biennial Inspection Task (Year 2, 4, 6, etc.) | Description |
|--|---|
| Inspect Safety Track Bracket Screws | Inspect and re-torque fasteners. |
| Inspect Truss Connection Bolts | Inspect and re-torque fasteners. |
| Inspect Rail Support Frame Truss Clamp Nuts (Top & Bottom) | Inspect and re-torque fasteners. Note : Do not over-torque the top nut. |
| Inspect Rail Support Frame Truss Clamp Body Bolts/Nuts | Inspect and re-torque fasteners. |

GETTING HELP

- Our 24-hour hotline service provides access to technical expertise around the clock. After-sales service and technical support is provided directly by Ross Video personnel.
- During business hours (Eastern Standard Time), technical support personnel are available by telephone.
- After hours and on weekends, emergency technical support is available. A telephone-answering device will provide the names and phone numbers of technical support and field service personnel who are on call. These people are available to react to any problem and to do whatever is necessary to ensure customer satisfaction. For serious issue which need urgent attention and tracking, please ensure you are given a ticket number and refer to this in future communications.
 - **Technical Support:** (+1) 613-652-4886
 - **After Hours Emergency:** (+1) 613-349-0006
 - **Email:** techsupport@rossvideo.com
 - **Website:** <https://support.rossvideo.com>