



Date: _____

Job Site Address: _____

Prepared By: _____

Rolling Roof Rigs

- Counterweighted Properly
(4xLxR/B)L= _____ Lbs.
- Counterweights mechanically attached to beam
- Counterweights non-flowable material
- All hardware in place and secure
- Roof rigs tie back to substantial structure (4 to 1 safety factor)
- Spacing of suspension points equal to hoist spacing
- Roof rig load placed on jacks, not casters
- Maximum reach for beam not exceeded.
- Davits being used exceed 5000 Lb. load rating

Cornice Hooks & Parapet Clamps

- Hooks/Clamps tied back to sturdy structure (4x1 Safety Factor)
- Hooks/Clamps on bearing blocks
- Parapet wall structural sound (describe)

- Spacing of Hooks/Clamps equal to hoist spacing

- Load capacity decal legible
- Hook capacity equal or greater than hoist rated working load

Electrical

- Power supply adequate for hoists (voltage & amperage)
 - Each platform on dedicated circuit
 - Circuit protected by circuit-breaker
 - Electrical connections in good condition
 - Check strain relief
 - Protection of power cord at chafing, sharp, or metal surfaces
- Hoist power requirement : _____
- Voltage : _____
- Phase : _____

Suspension Wire Rope & Hardware

- Wire rope free of damage or defects
- Wire rope correct size and construction for hoist (describe)

- Terminated with properly sized thimble
- Terminated with properly rated shackle
- Correct amount of fist grips - Quantity : _____
- Properly Tipped
- Proper fist grip torque

Platforms

- Platform in Good Condition, free of damage, defects
 - Check welds
 - Check connectors
 - Look for cracks, holes, & Damages
 - Check Equipment Has proper labeling, visible
- Platform assembled per manufacturer's instructions
- Top rail, mid-rail and toe board on all open sides
- Verify that self-weight plus actual load does not exceed hoist capabilities

Hoists

- Verify proper operation of hoist
 - Up/Down Switch
 - E-Stop
 - Controlled descent
 - Emergency Ascent wheel
- Verify hoist is not over-loaded
- Verify proper operation of Sky Lock/over speed brake
- Hoist in good condition, free of damage or defects
- All warning and rating decals in place and legible

Fall Arrest

- Each anchorage point independent and directly above worker
- Anchorage point meets 5000# strength requirement
- Lifeline maintains minimum 5000# tensile strength
- Lifeline in good condition, free of damage or defects
- Lifeline protected at each break and chafing point
- Lifeline reaches lowest level
- Rope grab compatible with diameter and type of lifeline
- Rope grab arrow facing up
- Rope grab In good condition, free of damage or defects
- Shock absorbing lanyard is free of damage or defects
- Harness is free of damage or defects & adjusted to fit worker
- Lanyard attached to D-ring in back of harness, between shoulder blades

Welding Protection

- Wire rope protected 4' above hoist
- Wire rope protected below hoist past platform deck
- Tail of wire rope protected with insulating material
- Platform-to-ground lead provided
- Insulating cover protecting hoist and over speed break
- 4 first grips on insulated thimble

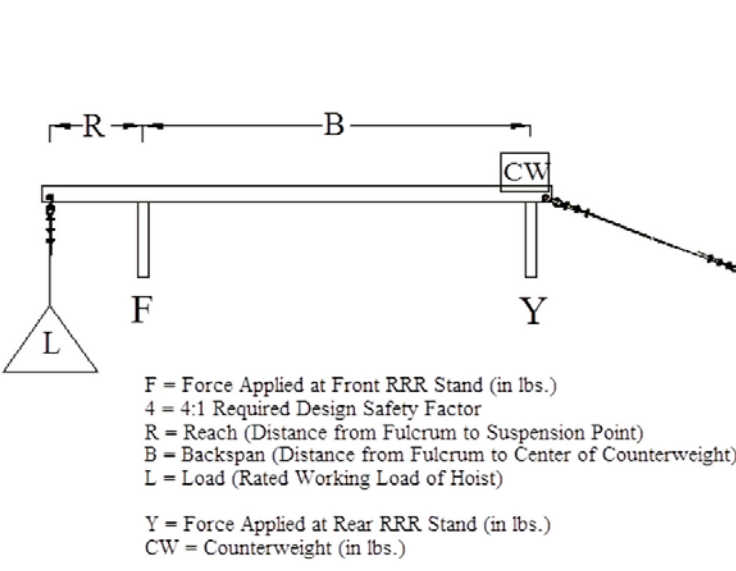
Contact Name : _____

Contact Cell Phone : _____

Supervisor's Signature : _____

Date : _____

Max. Safe Working Load (uniformly distributed)	Suspension Distance	Self-Weight	Instructions for actual safe working load	Self-Weight	Suspension Distance	Max. Safe Working Load (uniformly distributed)
2000 lbs (900 kg)	6' 9" (2m)	249lbs (113kg)	2 Compare working load limit of hoist with max. safe working load of platform.	3 3 3	584lbs (265kg) (9m) 29'3"	1000 lbs (450kg)
	9' 9" (3m)	285lbs (129kg)	3 The LOWEST rating is the ACTUAL SAFE WORKING LOAD.	2 3 3 2	662lbs (300kg) (10m) 33'0"	
	13' 6" (4m)	363lbs (164kg)	2 2 Read 'Installation Instructions' prior to assembling.	2 3 3 3	698lbs (316kg) (11m) 36'0"	
	16' 6" (5m)	399lbs (181kg)	2 3	3 3 3 3	734lbs (333kg) (12m) 39'0"	
	19' 6" (6m)	435lbs (197kg)	3 3	2 3 3 3 2	811lbs (368kg) (13m) 42'9"	
1500 lbs (680 kg)	23' 3" (7m)	512lbs (232kg)	2 3 2	3 2 3 3 3	847lbs (384kg) (14m) 45'9"	750 lbs (340kg)
	26' 3" (8m)	548lbs (249kg)	3 2 3	3 3 3 3 3	883lbs (401kg) (15m) 48'10"	



$$F = \left(\frac{R + B}{B} \right) \times L \times 4 \quad Y = CW + 200 \text{ lbs.}$$

Force Applied at Each Jack Stand Foot of the Front RRR Stand = F ÷ 2
 Force Applied at Each Jack Stand Foot of the Rear RRR Stand = Y ÷ 2

Decal Part Number: 600-100

SKY CLIMBER
 EXCELLENCE IN ACCESS®
COMPACT 1000

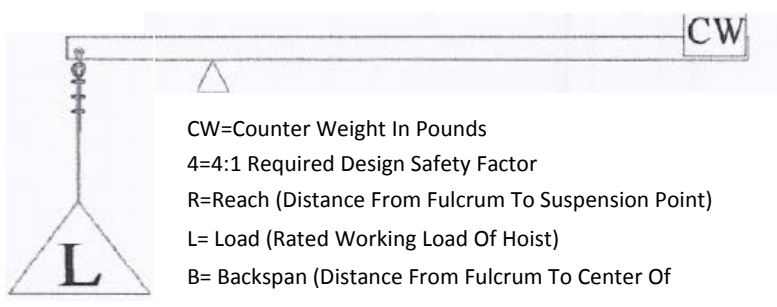
220 VAC
 60 Hz
 1 PHASE
 1.5 HP
 7.5 AMP
 30 MIN. DUTY

STONE MOUNTAIN GEORGIA
 5/16 INCH DIA.
 WIRE ROPE
 MAX. RATED LOAD 1000 LBS.

MADE IN USA
 WORLD WIDE DISTRIBUTION

600-100 (A)

Contact For Assistance- (855) 806-7227
 Website: www.SkyClimberAccess.com
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16' Rolling Roof Rig

NO. OF 50LB COUNTERWEIGHTS REQUIRED PER BEAM ASSEMBLY

COUNTERWEIGHT (50#)	OUTREACH - FEET								RATED LOAD OF HOIST (LBS)
	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	
5	30	26	22	18	15	12	10	7	750
5	40	34	29	24	20	16	13	9	1000
5	N/A	N/A	N/A	30	25	20	16	11	1250
5	N/A	N/A	N/A	N/A	30	24	19	14	1500

N/A - OUTREACH IS NOT ALLOWED FOR RATED HOIST

24' Rolling Roof Rig

NO. OF 50LB COUNTERWEIGHTS REQUIRED PER BEAM ASSEMBLY

COUNTERWEIGHT (50#)	OUTREACH - FEET								RATED LOAD OF HOIST (LBS)
	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	
5	17	15	13	11	9	8	6	5	750
5	22	20	17	15	12	10	8	6	1000
5	N/A	N/A	N/A	18	15	13	10	7	1250
5	N/A	N/A	N/A	N/A	18	15	12	9	1500

N/A - OUTREACH IS NOT ALLOWED FOR RATED HOIST

24' Rolling Roof Rig With Strong Back

NO. OF 50LB COUNTERWEIGHTS REQUIRED PER BEAM ASSEMBLY

COUNTERWEIGHT (50LB)	OUTREACH - FEET										RATED LOAD OF HOIST (LBS)
	8.0*	7.5*	7.0*	6.5*	6.0	5.5	5.0	4.5	4.0	3.5	
5	34	30	28	25	22	20	18	15	13	12	750
5	N/A	N/A	37	33	30	26	23	20	18	15	1000
5	N/A	N/A	N/A	N/A	37	33	29	25	22	19	1250
5	N/A	N/A	N/A	N/A	N/A	N/A	35	30	26	23	1500

N/A - OUTREACH IS NOT ALLOWED FOR RATED HOIST
 * OUTREACHES GREATER THAN 6.5FT REQUIRE (2) SPLICE PLATES AT FRONT CONNECTOR, BOLTS, AND LOCKING NUTS