

FLYTABLE CYCLING

Drop, roll, fly, land. Critical lift. The drawing and the OEM cycle win.

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PURPOSE

Give the crew one method for flying a table-form from floor to floor: designated pick points, no pulling the table out, confirmation-loop radios, holds. Formwork carpentry stays with the host.

SCOPE

Operator, rigger and signalperson on a flytable / flyform cycle. Not a how-to for dropping jacks, rolling dollies or landing props. Those belong to the manufacturer cycle and the site-specific engineered drawing. Corner and nontypical tables: PROVEN-SWP-029 on top of this procedure.

This document is the method - the steps. Hazards and residual risk for the same work are in the JHA library. A procedure is not a hazard analysis.

PROCEDURE

01 GATE

Engineered drawing for this table ID and this floor. Manufacturer cycle at the lift. Weight and COG known (14.36). Pick points and sling lengths as the drawing. Wind - the lower of crane, manufacturer, this SJP. PROVEN-SJP-001 / FRM-052 filled. Critical lift plan. Radios tested, confirmation loop, both floors. Pre-lift meeting immediately before this cycle. Corner or nontypical: PROVEN-SWP-029 and that plan. If any of that is missing, the hook does not take the table.

02 DROP

Formwork drops the table per the manufacturer and the drawing - jacks, lowering devices, reshores. The hook is not a substitute for lowering jacks. Confirm the table is free of the slab, pins and spindles as the OEM, nothing snagged. Crane on standby. Do not take load to strip.

03 ROLL AND ATTACH

Dollies, glides, casters as the manufacturer. Curb stops and kicker blocks at the edge. Brake lines if the drawing requires them. Fall protection at the unguarded edge (Part 11). Exclusion below. The crane does not pull the table out of the building. Attach to every designated pick point - pins, cotters or Safety Pin-Bolts as the OEM - before the table leaves the slab. People off the table. Loose material off the table.

04 FLY

Test lift. Confirm the hang as the drawing - some systems use a longer rear pair, only if that drawing says so. Wind. Path. Tag lines. Confirmation-loop radio, both floors. Hoist clear, then up. A table is a sail. Stop on any change.

05 LAND

Guide onto the landing floor. Set on jacks or landing dollies as the manufacturer. Do not disconnect until the table is stable, tiebacks and curbs as the drawing, and the formwork supervisor says it is landed. Then release.

06 AFTER

Inspect table and rigging. Record the cycle. The next cycle starts from the drawing, not from memory.

RESPONSIBILITIES

THIS PROGRAM

The published method for the work. Stop-work is named in it. It does not own the site.

SUPERVISOR

Confirms the plan, the crew, the zone and the stop criteria. Owns whether the hook moves.

CRANE OPERATOR

Runs only the machine they are competent on, to the chart, after inspection. Stops on an unclear signal or a broken plan.

RIGGER

Selects, inspects and applies the hitch. Does not guess weight, centre of gravity or angle.

SIGNALPERSON

One set of hands on the crane. Holds the zone. STOP means stop.

WORKER

Works to this program and to site rules - whichever is stricter. Uses the three rights. Reports damaged gear.

FORMWORK SUPERVISOR (HOST)

Drops, rolls and lands the table to the manufacturer cycle and the engineered drawing. The crane crew does not lower jacks or invent a cycling sequence.

PRIME CONTRACTOR

Coordinates floors, drawings, inspections and exclusion. Not a spectator. WorkSafeBC names this duty on flytable work.

REQUIRED COMPETENCY

BC Crane Safety certificate for this crane class
Critical-lift brief - everyone can repeat the abort
Knows the pick points on this drawing, not last floor's memory

EQUIPMENT

This crane, this chart
Rigging named on the drawing - slings, shackles, OEM lifting adapters / truss picks / Safety Pin-Bolts
Radios on the named channel
Tag lines
PROVEN-FRM-007, PROVEN-FRM-009, PROVEN-FRM-052

PPE

Hard hat
CSA-grade footwear
High-visibility clothing
Eye protection
Task-rated gloves
Hearing protection where required
Fall protection where the work exposes a fall

PROHIBITED PRACTICES

Using the crane to strip or drag the table out of the slab
People or loose gear on the table while it moves or flies
Improvised pick points, missing pins, or a two-point fly on a four-point table
Flying a corner or nontypical table on the typical SJP
Changing the sequence without the engineer
Skipping a curb, tieback or brake line the drawing names
Last floor's SJP for this table

EMERGENCY RESPONSE

Table hung up, rolling toward the edge, dropped object, person in the zone, wind pickup, lost radio - stop. Land if it can be done without a second incident. Do not pull. First aid. Notify the site and the employer. Hold the scene.

DOCUMENTATION

PROVEN-SJP-001 / FRM-052 for this cycle

PROVEN-FRM-007 critical lift plan
PROVEN-FRM-009 pre-lift meeting
Engineered drawing revision for this table
Manufacturer cycle at the lift
FLHA

REFERENCES

Workers Compensation Act s. 21 - known or reasonably foreseeable hazards; instruction and supervision
OHS Regulation (B.C. Reg. 296/97, in force 15 Apr 1998) Part 3 - OHS program, instruction, inspections
OHS Regulation Part 4 s. 4.13 - risk assessment where rescue or evacuation may arise
OHS Regulation Part 8 - PPE; headwear CSA Z94.1-05 or Z94.1-15
OHS Regulation Part 11 - fall protection
OHS Regulation Part 14 - Cranes and Hoists
14.2(5) - CSA Z150-1998, or ASME B30.5-2004, or ASME B30.22-2005 (articulating boom)
14.2(6) - CSA Z248-2004 for tower, hammerhead and self-erecting tower cranes
14.35 pre-use inspection 14.36 load weight 14.42.1 critical lift 14.44 loads over work areas 14.45 unattended loads
14.47-14.49 signals
OHS Regulation Part 15 - Rigging
Manufacturer load chart, manual and configuration limits
Site lift plan, FLHA and site rules where stricter
WorkSafeBC Flytable Safety (Jul 2025) - drop, roll, fly, land. Critical lift.
BC Crane Safety, 14 Aug 2025 - New WorkSafeBC Video: Flytable Lift Safety
OHS Regulation Part 20 - formwork and falsework. Host / prime duty. This procedure does not write the cycling carpentry.
Manufacturer cycle and shop drawing for this table system - at the lift. Pick points only as the drawing names.

LINKS

SJP - THIS CYCLE - PROVEN-SJP-001 -> </safety/sjp/flytable-cycle>
JHA - FLYTABLE CYCLING - PROVEN-JHA-011 -> </safety/jha/flytable-cycling>
WORKSAFEBC - FLYTABLE SAFETY VIDEO ->
<https://www.worksafebc.com/en/resources/health-safety/videos/flytable-safety>
BC CRANE SAFETY - FLYTABLE LIFT SAFETY -> <https://bccranesafety.ca/new-worksafebc-video-flytable-lift-safety/>
EFCO E-Z FLY (OEM PAGE) -> <https://www.efcoforms.com/products/shoring/e-z-fly-tables/>
DOKA DOKATRUSS TABLE (OEM PAGE) ->
https://www.doka.com/us/system-groups/doka-floor-systems/tableforms/dokatrusstable/DokaTruss_table
ALUMA TRUSS (OEM PAGE) -> <https://aluma.com/aluma-truss-table-shoring>