

# Propeller Plane

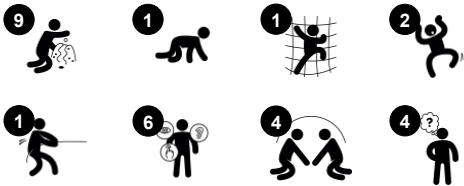
NRO564



Item no. NRO564-0621

### General Product Information

Dimensions LxWxH	13'0"x11'0"x4'10"
Age group	2 - 5
Play capacity (users)	12
Color options	 



The Propeller Plane is an irresistible attraction for dramatic and active play for younger children. The rich variety of climb and crawl activities attracts and ensures physical activity that trains important motor skills and major muscles. Climbing and crawling trains cross-body coordination, which adds to motor and muscle control. The inclined net makes for a

secure, yet fun climb up and down. The varied cross-body coordination stimulations ultimately builds cross-modal perception which supports e.g reading skills. The rich variety of manipulative activities both on elevated and ground level support the dramatic play scenarios and the play duration. Dramatic play is the favorite play type for younger children,

and it helps build communication and language skills as well as empathy and understanding of the world.



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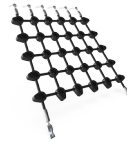
## Theme

**Cognitive:** suggests a theme and supports dramatic play, which stimulates language and communication skills.



## Funnel

**Social-Emotional:** trains cooperation and turn-taking as children put materials into the funnel. **Cognitive:** the passing of materials through funnels supports the children's logical thinking and for younger children the understanding of object permanence: that materials don't vanish but run through at the other end.



## Climbing net

**Physical:** the inclined net supports the upward climbing movement of the body. The net supports cross-body coordination, which impacts coordination of the right and left part of brain, fundamental for other skills such as the ability to read. The asymmetry of the net challenges the children's climbing.



## Turning wheel

**Social-Emotional:** develops turn-taking, communication and cooperation. **Cognitive:** the manipulative item stimulates cause and effect understanding, logical thinking and communication. **Creative:** working with moveable play items that can leave a mark supports the child's creativity.



## Switch

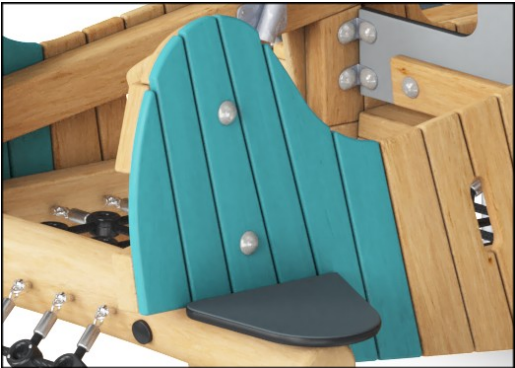
**Cognitive:** an understanding of cause and effect is developed when pushing something that moves. The theme of light switch supports dramatic play, which is known to stimulate language skills.

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All Organic Robinia products by KOMPAN are made of Robinia wood from sustainable European sources. On request it can be supplied as FSC® Certified (FSC® C004450).



The paint used for colored components is water based environmental friendly with excellent UV resistance. The paint is in compliance with EN 71 Part 3.



The Robinia products are designed with a KOMPAN color concept with a number of different standard colors. The wood can also be supplied as untreated or with brown painted with a pigment that maintains the wood color.

Item no. NRO564-0621	
Installation Information	
Max. fall height	1'8"
Safety surfacing area	428ft²
Total installation time	17.8
Excavation volume	1.63yd³
Concrete volume	0yd³
Footing depth (standard)	2'2"
Shipment weight	1636lbs
Anchoring options	Surface ✓ In-ground ✓
Warranty Information	
EcoCore HDPE	Lifetime
Hot dip galvanized steel	Lifetime
Robinia Wood	10 Years
Spare Parts Availability	10 Years
Stainless steel slide	10 Years



There are Multiple footing options for all products: Surface anchoring with steel footings and expansion bolts. Wood in-ground or steel in-ground footings.



Panels of 19mm EcoCore™. EcoCore™ is a highly durable, eco friendly material, which is not only recyclable after use, but also consists of a core produced from 100% recycled material.



The Robinia wood can be supplied as untreated raw wood, painted with a brown colored transparent pigment that maintains the golden wood color or in a colored version where selected components are painted in different colors.

Elevated activities 1	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	1	2	1
Required	1	0	0

**ASTM  
F1487**  
compliant

# Sustainability Data

NRO564



Cradle to Gate A1-A3	Total CO <sub>2</sub> emission	CO <sub>2</sub> e/kg	Recycled materials
	kg CO <sub>2</sub> e	kg CO <sub>2</sub> e/kg	%
NRO564-0621	307.20	0.54	6.40

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

Kompan A/S  
C.F. Tietgens Boulevard 32C  
DK-5220 Odense SØ  
Denmark



## Verification of CO<sub>2</sub> calculation of: Nature play



Data version no. 2023-10-05

The CO<sub>2</sub> calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Nature play" represented by item no.: NRO409-0621.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

Date: 30. October 2023 | Valid until: 30. October 2025  
Verified by:

Julie Marie Vejsgaard Larsen, LCA & EPD Consultant

Verification based on report: Validation of CO<sub>2</sub> calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

Publication date: 30. October 2023

By Bureau Veritas HSE  
www.bureauveritas.dk  
+45 7731 1000



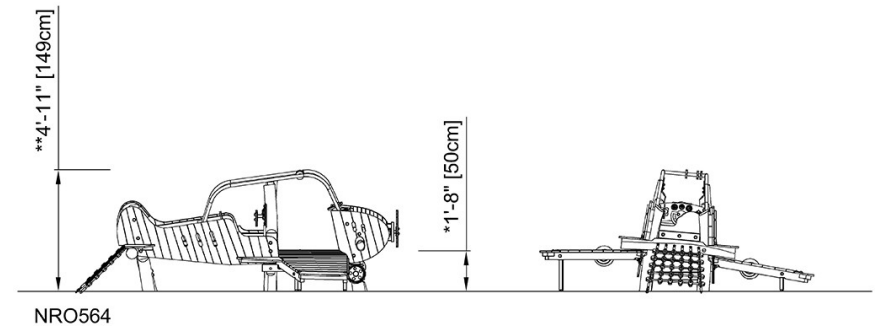
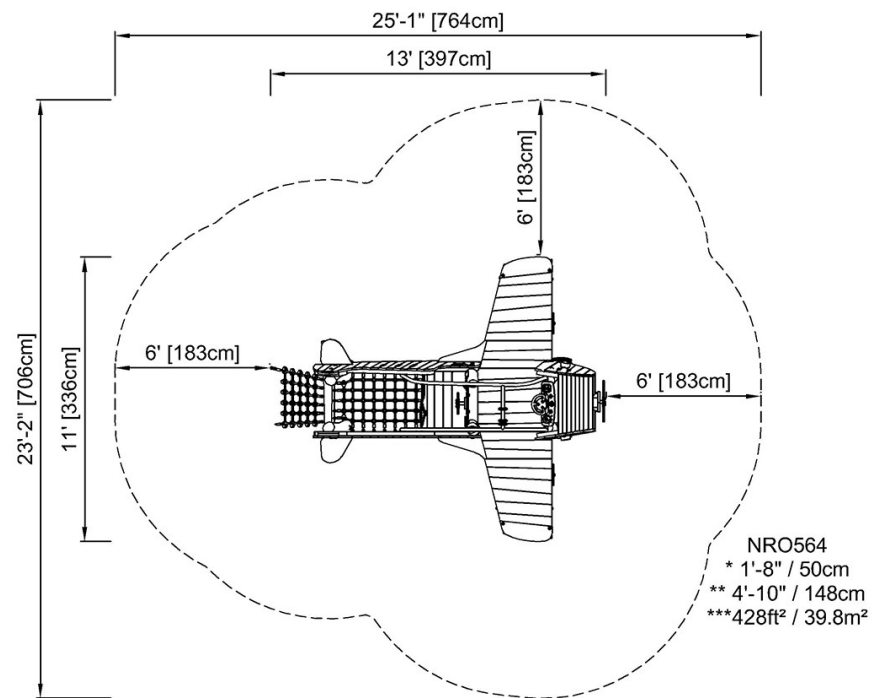


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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

\* Max fall height | \*\* Total height



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[Click to see SIDE VIEW](#)