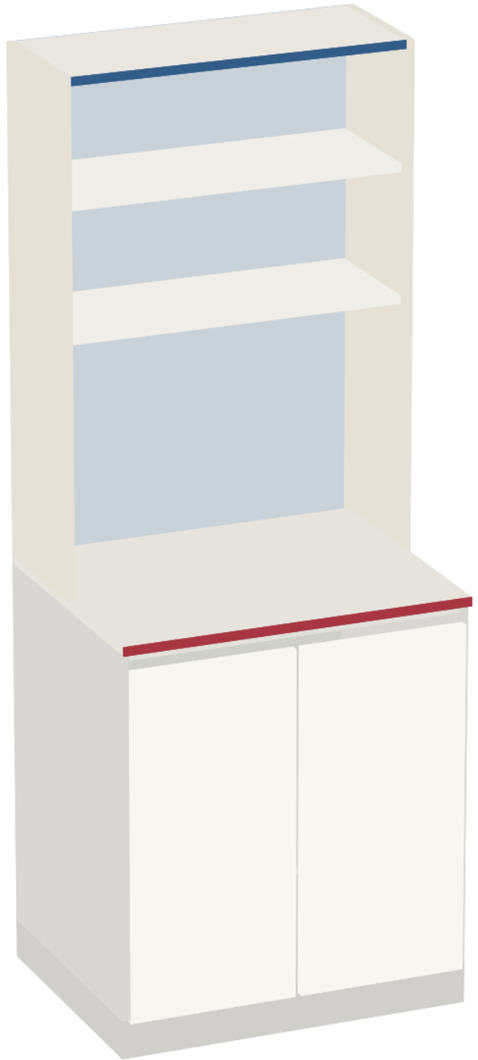
# AIRPLANE-THEMED KIDS BEDROOM BUILT-IN

DEL-006 | REV A | M01 | ISO OVERVIEW & MODEL IDENTITY



## UPRIGHT FRONT-FACING ISOMETRIC

X width | Y height | Z depth

## APPROVED PROTOTYPE ENVELOPE

| | |
|---|---|
| DIM-001 / WIDTH | **30 in (762.0 mm)** |
| DIM-009 / HEIGHT | **78.25 in (1987.55 mm)** |
| DIM-001 / DEPTH | **24 in (609.6 mm)** |
| DIM-002 / UPPER DEPTH | **12 in (304.8 mm)** |
| DIM-003 / PANEL THICK. | **0.703 in (17.86 mm)** |

## REPRESENTATION KEY

- Plywood construction solids
- Factory cabinet geometry: PROXY
- Backing panel / derived location
- Custom colored trim
- Airplane decorative PROXIES

Modelled as importable closed B-rep solids.

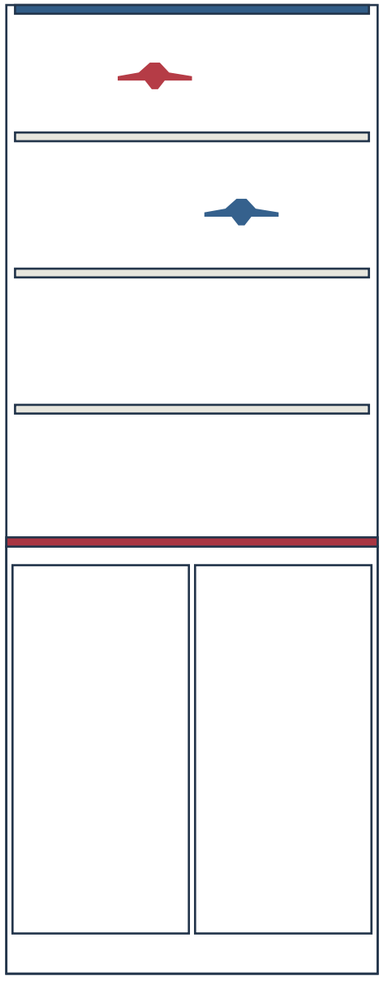
STEP has no native parametric feature tree.

Structural joints, wall fasteners, and shelf pins are not modeled as verified installation details.

# AIRPLANE-THEMED KIDS BEDROOM BUILT-IN

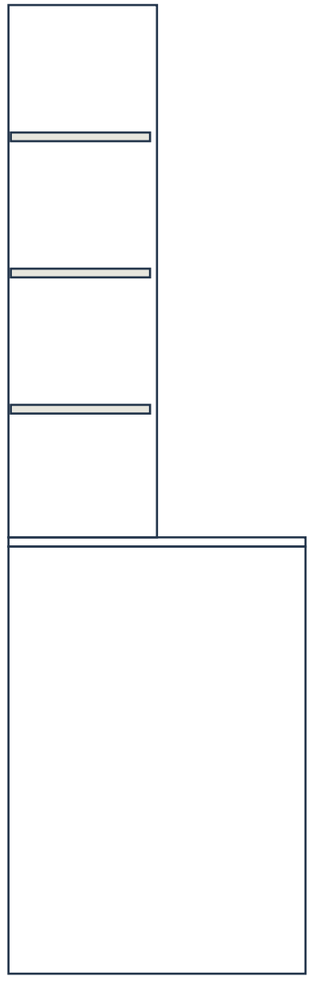
DEL-006 | REV A | M02 | ORTHOGRAPHICS & CONSTRUCTION SECTION

## V01 FRONT / X-Y



30 in (762 mm) wide
78.25 in (1987.55 mm) high

## V02 RIGHT SIDE / Z-Y



Base 24 in / upper 12 in
Depths: 609.6 / 304.8 mm

## V03 TOP PLAN / X-Z



Upper aligned to rear of base
30 in x 24 in total footprint

## V04 SECTION / LAYER KEY

**PROD-001 Base cabinet**
Manufacturer exterior only; internals are proxy.

**PROD-002 Upper plywood**
2 sides + top + 3 shelves; thickness .703 in.

**PROD-003 Backing**
0.188 in prototype thickness; joint pending.

**PROD-004 Deck**
0.75 in nominal; load transfer unverified.

**PROD-005 Trim**
White with red deck band / blue crown.

**PROD-006 Airplanes**
2 decorative silhouettes; attachment pending.

## SAVED STEP / RE-IMPORT AUDIT

| | |
|---|---|
| Protocol | STEP AP214 (ISO 10303-214); CAD exchange B-rep |
| Length unit | SI_UNIT(.MILLI.,.METRE.): millimetres, scale to mm = 1 |
| Origin / axes | Rear-left-bottom (0,0,0); +X right, +Y up, +Z front |
| Raw bbox | 0..762 X, 0..1987.55 Y, 0..609.6 Z [mm] |
| Physical bbox | 30.000 x 78.250 x 24.000 in |
| Physical bbox metric | 762.000 x 1987.550 x 609.600 mm |
| Reimported solids | 20 |
| Shells / faces | 20 / 136 |
| BREP validity | All solids validated with OCC; strictly positive volume |
| Analytic curves | No DIM-locked radii; circles/cylinders not required |

## COMPONENT OCCURRENCE SCHEDULE (SAVED STEP)

| | |
|---|---|
| PROD-001 B30 manufacturer-exterior proxy | **8 separate solids** |
| PROD-004 Provisional deck | **1 separate solids** |
| PROD-002 Birch plywood upper construction | **6 separate solids** |
| PROD-003 Prototype backing | **1 separate solids** |
| PROD-005 Color accent trim | **2 separate solids** |
| PROD-006 Airplane silhouettes (proxies) | **2 separate solids** |

## FIELD VERIFICATION BOUNDARIES

Upper-to-base connection and load path; backing/racking; shelf pins/loads; anchorage to actual wall; door clearance.

Decorative element attachment and child-safe accessibility are unverified. The drawings/model are not construction approval.

Common STEP viewers/editors include FreeCAD, SolidWorks, Fusion and other compatible CAD systems (not required).