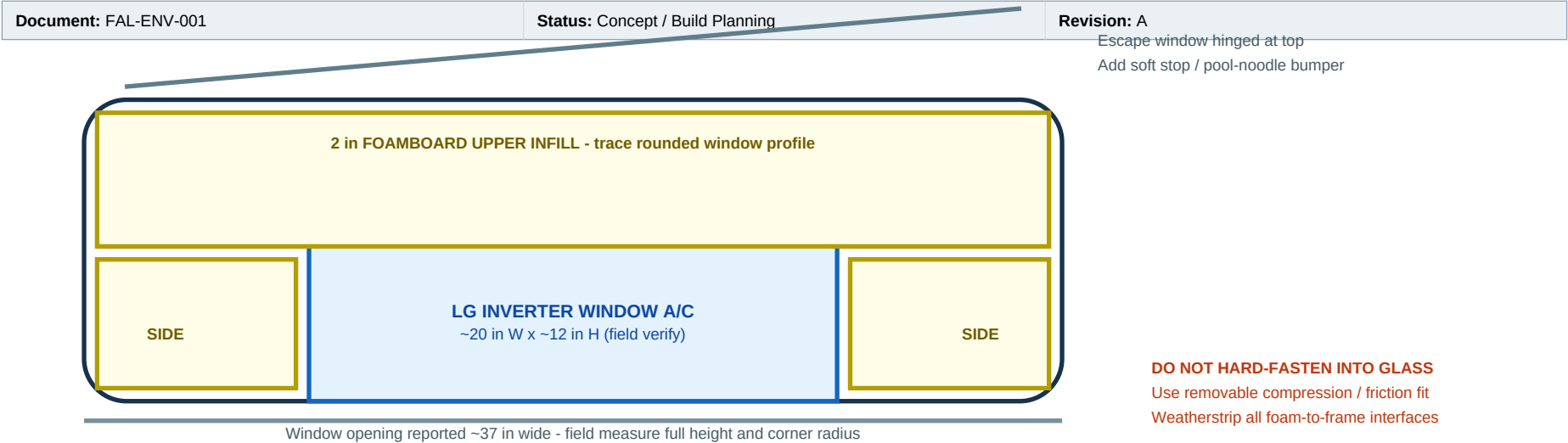


Falcon Climate & Nose-Cone Storage

Removable bedroom A/C window insert, escape-window protection, and a task-oriented storage scheme for the newly recovered nose-cone volume.



A/C insert - build concept

Feature	Recommendation
Template	Make one full-size corrugated-cardboard pattern directly from the window opening; trace the rounded/filleted corners rather than trying to calculate them.
Core material	2 in rigid foam board for insulation and speed. Use plywood only as a thin facing or local reinforcement if needed.
Configuration	Three-piece removable set: left side, right side, and upper infill. This packs flatter and does not require lifting a giant U-shaped panel around the A/C.
Seal	Closed-cell adhesive weatherstrip at window frame and A/C contact edges. Add foil HVAC tape only on foam seams, not as the primary structural restraint.
Glass protection	Soft foam/pool-noodle bumper on the A/C top edge or a removable swing limiter so the top-hinged escape-window glass cannot hammer the metal cabinet in wind.
Retention	Friction fit / compression tabs / simple removable clips. Avoid permanent fasteners into window glass or fragile aluminum frame.

Known dimensions

Window width reported: **37 in**. A/C reported approximately **20 in wide x 12 in high**. If centered, nominal leftover width is about **8.5 in per side** before allowing for frame geometry and weatherstrip. Full opening height, actual A/C case dimensions, sill depth, and corner radius still require field measurement.

Nose-cone storage standard

Zone / bin	Contents	Container approach
Camp kitchen / BBQ	Tongs, spatulas, grill brush, skewers, gloves, foil, small grill accessories	Shallow latching clear bin; long tools can ride diagonally or in a narrow tool tote.
Fire	Lighters, torch, ferro rod, tinder, fire starters, gloves, compact hatchet/saw accessories	Small latching bin, clearly labeled; keep fuels/propane outside living space as appropriate.
Water / waste	Regulator, hose fittings, caps, spare washers, filter wrench, sewer accessories that are kept separate from potable water	Separate tool bins and waste kits; color-code or physically segregate.
Tools / repair	Common hand tools, electrical repair, tape, fasteners, small shop-vac accessories	Existing small shop-vac plus one service tote; do not create six tiny bins of mystery hardware.
Fishing rods	Rods under nose cone, protected from hooks/tangles	Horizontal tube, clips, or padded rod rack; hooks/lures remain in tackle boxes, not attached.
Utility / misc.	Only items that genuinely lack another home	One small capped 'misc.' bin maximum. If it overflows, reclassify or remove items.

Storage rule

Organize by **mission**, not by microscopic item type. The nose cone worked because the cleanout created volume; the goal now is to preserve that volume, not refill it with a beautiful collection of 37 tiny plastic boxes.

Other near-term exterior item

Replace the cracked/leaking roof dome cover. The roof has already been inspected and resealed, so treat the dome as a discrete repair rather than reopening the whole roof project. Match the existing opening/flange before ordering.