

Mobile Environmental Storage Container

CAPABILITY SHEET - INSULATED SHELL, DESICCANT CONDITIONING, RACKING AND LOGGING - ENGINEERED TO ORDER

THE SYSTEM

WHAT	Insulated, road-transportable, humidity-controlled stores holding aircraft articles and rotables in a preservation-grade microclimate.
OUR ROLE	Shell and vapour barrier, doors, desiccant conditioning, racking and restraint, power and autonomy, logging, leak test, mapping, AMC.
STATUS	Engineered to order for fleet storage programmes; no delivered environmental storage container is claimed.

THE GOVERNING IDEA

CORROSION NEEDS THREE THINGS	Sal, electrolyte, oxygen - and the one a container can remove for years is the electrolyte: the moisture film that forms above 50-60% RH.
SIZED FOR THE DOOR	The design load is moisture ingress, not cubic metres - every opening debits the ledger, so recovery time is a specification.
STORAGE IS A RECORD	A store that held 45% RH for eleven months and 80% for one has not preserved anything - it has averaged.

THE MACHINE

SHELL + BARRIER	Insulated panel with continuous vapour barrier through joints, thermal breaks, compression-sealed doors, transport frame and corner castings.
DESICCANT FIRST	Adsorption keeps drying at low temperature and low absolute humidity, where a cooling-coil dryer ices up and stalls.
DUCTED, THEN MAPPED	Distribution engineered against dead zones, then proven by mapping with articles in place - the corner at 70% RH is the one that fails.

DISTINCT & HONEST

THE ENVIRONMENT FAMILY	Shelters house people working; preservation treats the article; climatic chambers make weather to test. This container keeps weather away.
AUTONOMY COUNTS	Shore and generator supply with a stated ride-through - a microclimate that lapses in an outage runs the ledger backwards.
ENGAGEMENT	Send the article list, climate envelope and duty cycle to sales@neometrixgroup.com for a compliance matrix in two working days.

DEFENCE PROGRAMMES DESK

sales@neometrixgroup.com · +91 7777 876 876 · neometrixgroup.com

Neometrix Defence Limited · E-148, Sector 63, Noida, Uttar Pradesh, India