



ANYWHERE.
ANYTIME.
READY.

NAVAL POSTGRADUATE SCHOOL CAMRE'S
LITTORAL AND EXPEDITIONARY ADVANCED MANUFACTURING EXPERIMENT

RIMPAC 2026

DEPLOY. PRINT. SUSTAIN.

Real-World Results from Snowbird Technologies'
SAMM Tech Deployable Hybrid Manufacturing Platform



AT SEA

Successfully printed using
Nitrogen aboard the USS Essex



ASHORE

Continued operations at
Leader's Field, Schofield
Barracks using Nitrogen from
the on-site generator



REAL IMPACT

Delivered mission-critical parts,
demonstrating the value of
on-demand manufacturing in a
contested environment



PRINTING RESULTS

Part	Total Estimated Print Time (hrs)	Total Cost to Print (Wire + Gas)	OEM Cost to PHNSY	OEM Cost to USS Essex	Savings (% or hrs) Print vs. Procure
Oxygen Tank Brackets (Qty 12)	75	\$2,492	\$9,624	\$10,224	310%
Drain Cap (Qty 4)	15	\$478	\$120	\$135	489 hrs
Load Test Clamp Outer	3	\$101	\$420	\$455	351%
Load Test Clamp Inner	9	\$289	\$420	\$455	57%
Turnbuckle Outer (Qty 2)	28	\$902	\$550	\$590	692 hrs
4" Pipe Flange	58	\$1,932	\$1,680	\$1,820	662 hrs
Air Pressure Radio (6-pack)	5	\$154	\$624	\$654	325%

KEY TAKEAWAYS

Printing delivered significant cost advantages for 4 of 7 parts, with up to 351% savings compared to OEM procurement.

Even when printing costs more, on-demand manufacturing avoids weeks of supply delay and helps maintain mission readiness.

Expanded opportunities exist to utilize integrated CNC capability and plastics/composites printing in future exercises.



ON-DEMAND MANUFACTURING FOR A MORE LETHAL, RESILIENT FORCE.

SNOWBIRD TECHNOLOGIES | JACKSONVILLE, FL | A PROUD AMERICAN MANUFACTURER

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