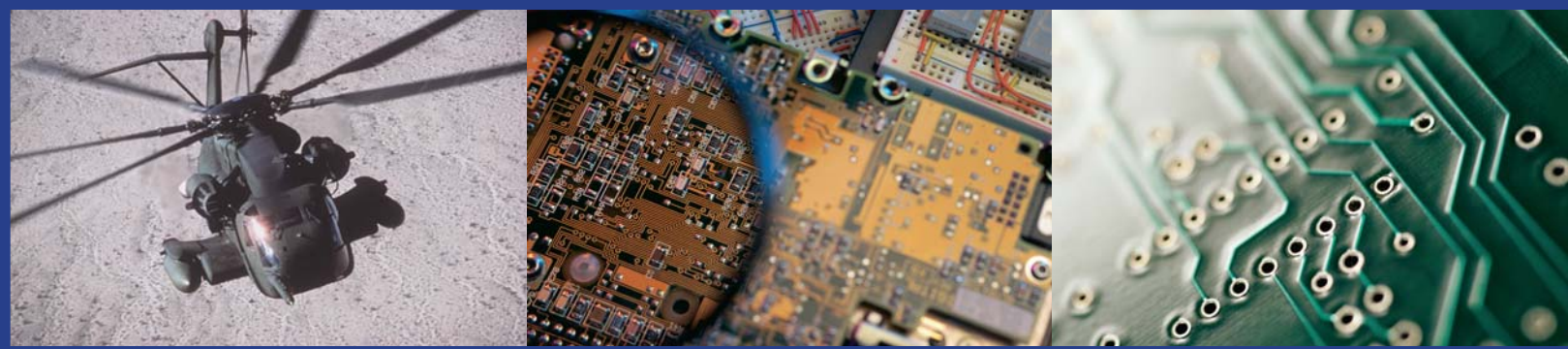


CodaOctopus

COLMEK

precision fabrication & manufacturing



More than 15 years
experience building devices
for harsh environments has
given Colmek the skills to
fabricate and manufacture
the most specialized
components and assemblies.
That expertise extends to
device enclosures that protect
against the elements above
and below water, pressure
housings to resist extreme
ocean depths, and
procedures to test for
temperature extremes.

circuit card manufacturing

The staff at CodaOctopus Colmek has the skills and training to prepare prototypes and build small production runs of customized circuit card assemblies. Components can be mounted on one or both sides, surface mounted or through-hole, and can include specialty processes such as conformal coating and solderability testing. Colmek's rigorous quality assurance program guarantees that the assemblies will conform to the most exacting specifications for workmanship and cleanliness no matter how small or large the order.

sub-assembly manufacture

The versatile manufacturing floor personnel at Colmek can build a wide variety of computer sub-assemblies for low volume production, without the expense of an automation ramp-up. Our broad experience includes removable media carriers, chassis, card cages, shielded RF assemblies, power modules, full MIL-STD RF modules, telemetry modules, back planes, cables, and chassis of all varieties.

climate controlled enclosures

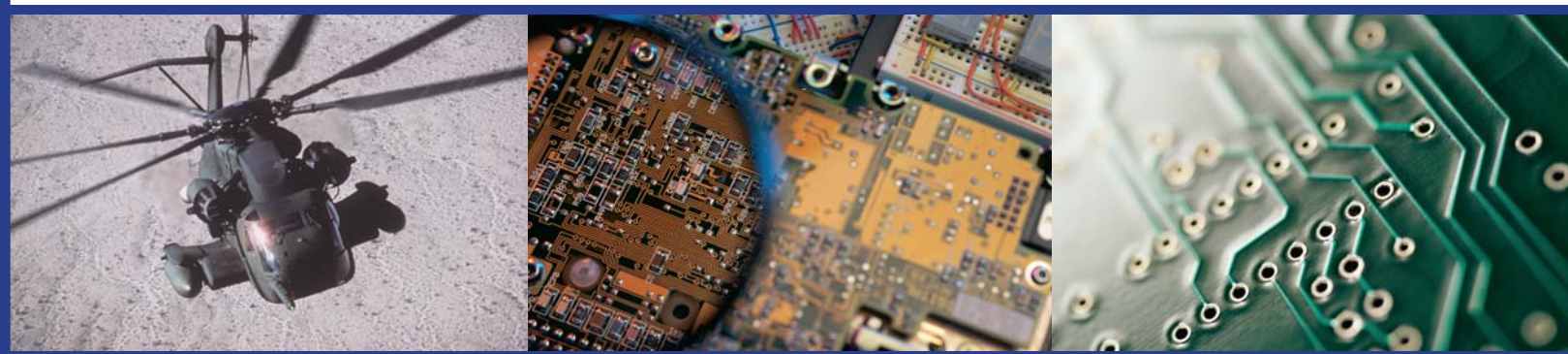
Colmek designs and builds sealed enclosures to resolve the challenges created by the harshest environments. Extending the operating temperature and vibration ranges of commercially available equipment is our specialty, but Colmek can solve any environmental enclosure problem, whether it's portable equipment shelters or surface ships, sub-sea vessels or rotary wing aircraft. Our successful designs have included technologies like EMI gaskets, shock mounts, machined aluminum chassis, air-to-air heat exchangers, and solid-state heating and cooling.

continued on back

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pressure housings

Using specialized materials and innovative designs Colmek builds pressure housings for sub-sea equipment to operate in the deep ocean. With successful designs rated in excess of 20,000 ft, Colmek can build a housing for practically any underwater application. Past designs include deep-water housings for data processors, video cameras, lights, compasses, and telemetry equipment.

environmental testing

Burn-in and Temperature Cycling. Colmek maintains automated burn-in and temperature testing equipment capable of performing operational and storage testing over a wide temperature range. Colmek also maintains close ties with local testing laboratories to provide full EMI and RFI testing for both radiation and susceptibility.