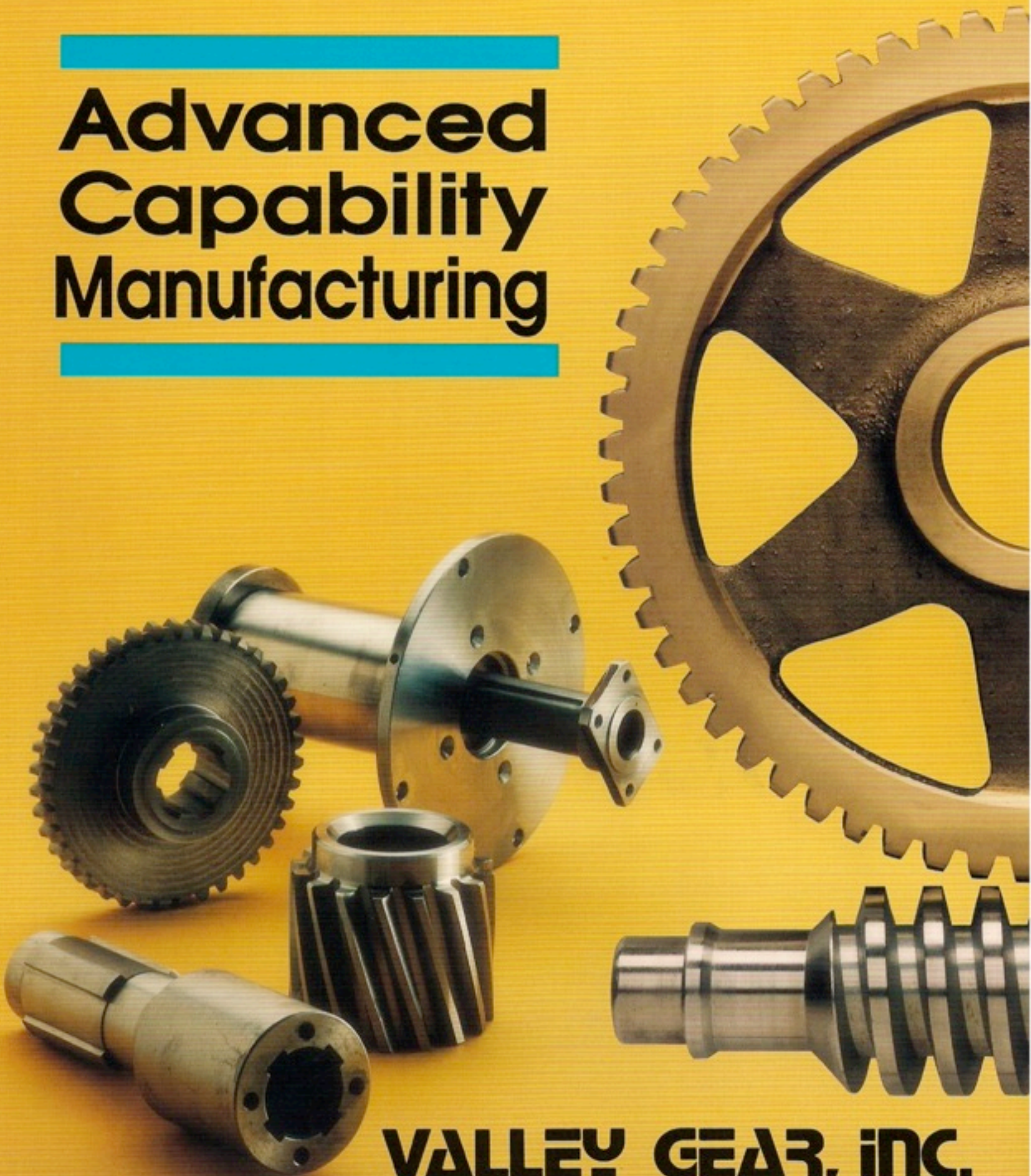

Advanced Capability Manufacturing



VALLEY GEAR, INC.



Industrial or Military
**...we custom design
to individual
specifications**

Valley Gear is dedicated to the production of high quality products. Through advanced capability manufacturing, we produce gears and machined parts that will stand up to industry's demanding applications.

Our system of quality and manufacturing meets or exceeds critical Military Standards of Inspection. Valley Gear Inc. adheres to MIL-I-45208A "Inspection System Requirement" including calibration specification MIL-STD-45662A "Calibration System Requirements". This rigid quality assurance program is maintained throughout production, from raw materials to the finished products, including packaging and shipping.

Valley Gear's expertise is in manufacturing to customer specifications. Emphasis is on gears and machined parts, sub-assemblies and special products. All manufactured to individual requirements. It is within our manufacturing scope to provide customers with a diversity of products. Parts for large industrial equipment, such as injection molding machines and tire presses, as well as parts for medium to light machinery.

Using skilled machine operators and technicians, with state of the art technology and equipment, Valley Gear offers complete machining capabilities. These include, but not limited to, cutting, machine turning, milling, honing, lapping and grinding.

We produce gears and machined parts in steel, stainless steel, bronze, aluminum, and various alloys, with finishes to meet each customer's specifications. Only certified approved suppliers/vendors and processors are utilized for materials, heat treating, special finishing and lab work.

Gears, machined parts, sub assemblies, and special products for large, as well as

We can provide you with Spur gears, Helical gears, Sprockets, Splines, Worm shaft and Worm gears, Thread milling, Broaching, Keyseating and Gear shaving; or special gears to fit unique applications.

Valley Gear provides and maintains an inspection system that assures all manufactured supplies and products, submitted to the customer for acceptance, conform to Contract/ Purchase Order requirements.

Shown in photo (b) is our ambient temperature controlled inspection room. On the large calibrated surface plate a height varnier/transfer gage is checking dimensions on an MK 48 advanced capability (ADCAP) Aft Fuel Tank section of the Naval Systems Torpedo. All documented records, from the material certificates identifying chemical and physical properties, to final acceptance data, are maintained for further traceability.

Shown in photo (c) is a Forward Fuel Tank of the MK 48, Advance Capability Torpedo being machined on the DeVlieg. Valley Gear's machines are tape and computer controlled to assure repeatability of consistent precision in a high speed production mode. This results in fast response time, high quality, and above all, competitive pricing.

a



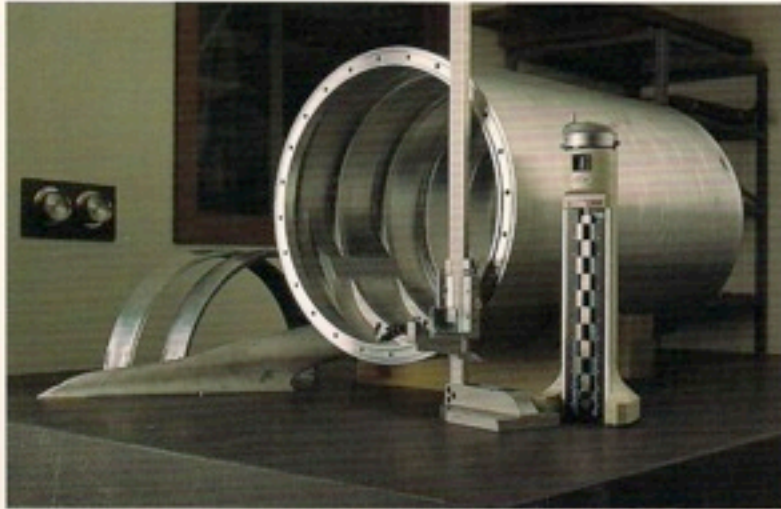
a. A sampling of the various gear configurations manufactured by Valley Gear

b. Checking dimensions on an MK 48 Fuel Tank Section with a height varnier/ transfer gage.

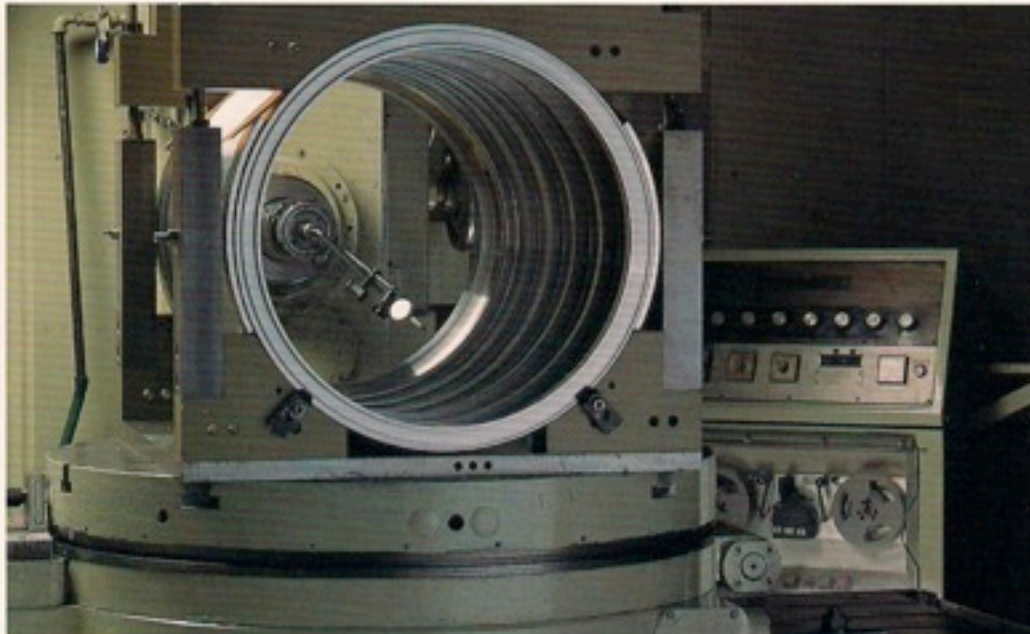
c. Machining of a Fuel Tank on a DeVlieg.

d. Five sections of torpedoes in preparation for final inspection - one Aft Fuel Tank, anodized (Warshot), one Aft Fuel Tank (Machined), and three Forward Fuel Tanks (Machined).

b



c



d



light industrial machinery

Valley Gear is at your service

Since 1965, Valley Gear Inc. has specialized in custom made gears and machined products for industry. In our clean modern facilities, with advanced manufacturing capability and technology, we maintain the capability of machining large as well as small reliable, high quality products.

Valley Gear is customer service oriented. We furnish engineering consulting and support, with on-site service of critical applications. High priority and special attention are given to customers in trouble.

Our success in the Commercial, as well as Military and Aerospace industries, is attributed to the immediate response time required, acceptable quality, and competitive pricing. Valley Gear is an approved supplier for major prime Government/Commercial contractors.



We would be happy to quote on your requirements and invite you to tour our modern facilities. Call or write today, we look forward to seeing you soon.

VALLEY GEAR, INC.

**Valley Gear, Mfg.
4488 Allen Road
Stow, OH 44224**

**Phone: (330) 926-9236
Fax: (330) 926-9251**