



AMC

AMERICAN METALCASTING CONSORTIUM

**THE INTEGRATED CASTING
ORDERING NETWORK (ICON)
DELIVERS VALUE FOR DLA**



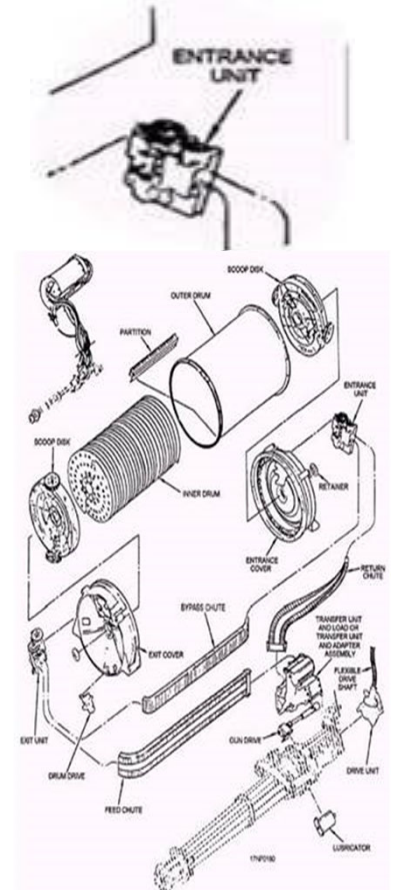
The objective of the ICON web portal is to establish a marketplace that links Defense Logistics Agency (DLA) procurement manufacturing requirements for critical cast components to a supply base that is both responsive and capable of delivering high quality cast parts in a timely and cost-effective manner. ICON was developed by the Non-Ferrous Founders' Society (NFFS) as part of the American Metalcasting Consortium's (AMC's) portfolio of R&D projects.

SUCCESS STORY

Problem: A backordered item was urgently needed for an F-15 Drum Assembly Partition and elevated for award under Special Emergency Procurement Authority (SEPA). Previous awards allowed an alternative option of producing this component from bar stock. The geometry, dimensions, and tolerances are exceptionally difficult to achieve via bar stock, however, especially at a scale of several thousand units.

Solution: Leveraging the tools available in ICON, Aurora Casting and Valor Group collaborated to rapidly produce a CAD model from 2D prints and submitted a single quote.

Benefit: The previous five procurements of the component averaged \$70.00 each. The new collaborative strategy utilizing ICON resulted in a cost-effective quote of \$59.65 each with DLA receiving an on-time delivery for the first 300 parts. The tool is identified in the ICON Tooling Database, and future awards to the current supplier will not have to involve First Article Testing (FAT).



"Thanks to ICON we are seeing government business opportunities that we did not know existed." -- Andrew Penrose | General Manager, Aurora Casting & Engineering, Inc.



For more information about AMC go to: amc.ati.org

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