



PROGRAM OPERATION B141T0201-28.MIN A-M

NTFS

DIRECTORY

No.	FILE NAME	FILE SIZE
1	B141T0201-28.MIN	2802
2	logbook.txt	0
3	OG111.LIB	1527
4	OG112.LIB	1538
5	OG113.LIB	152
6	OG114.LIB	45
7	OG115.LIB	270
8	OG117.LIB	13820
9	OG118.LIB	3968
10	OG119.LIB	9296
11	OG120.LIB	2633
12	OK201.LIB	927

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The Lighthouse for the Blind, Inc.

MACHINING + FABRICATION + INJECTION MOLD
SOLUTIONS



EXPERIENCE

For more than 90 years, The Lighthouse for the Blind, Inc. has continually provided opportunities for independence and self-sufficiency for people who are blind.

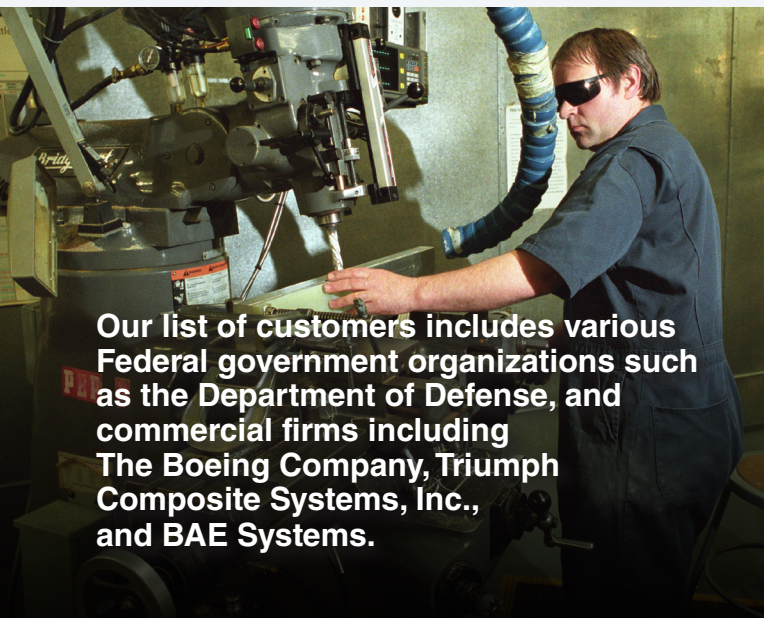
Nearly 60 years ago, we began our machine shop operation, having been a continual contractor with The Boeing Company since 1951.

Today, The Lighthouse for the Blind, Inc. is an ISO9001 and AS9100 accredited manufacturer that employs more than 70 machinists who are blind and DeafBlind. A participant in the AbilityOne Program, we are associated with the National Industries for the Blind.

STATE-OF-THE-ART VERSATILITY

The Lighthouse for the Blind, Inc. provides its customers with advanced machining and fabrication services. Because of the range of technologies we utilize, we're able to deliver high-quality solutions in low or high volumes.

- Conventional and CNC (Computer Numerically Controlled) Machining
- Injection Molding
- Radio Frequency Sealing and Welding
- Sub and Final Assembly
- Conventional and CNC Shearing
- Metal Fabrication and Riveting
- Non-Metallic Machining
- Sawing
- Breakform
- Conventional and CNC Turning



Our list of customers includes various Federal government organizations such as the Department of Defense, and commercial firms including The Boeing Company, Triumph Composite Systems, Inc., and BAE Systems.

QUALITY

The Lighthouse for the Blind, Inc. is AS9100 and ISO 9001 certified, and ITAR registered, employing LEAN practices in all of our manufacturing processes. Proven through customer ratings, the Lighthouse consistently delivers high quality, on-time, competitively priced components, assemblies, and services. We utilize the latest systems including CATIA V5 3D Modeling (as well as others), and supply a wide range of products for the aerospace commercial and defense industries.



CORE CAPABILITIES

CAD/CAM

AutoCAD 2010
AutoCAD 2002 Komo
Mastercam 6X
GibbsCAM 2007
SolidWorks 2010

CNC MILLS

4-Axis Okuma MA-600HB (39"x39"x46")
4-Axis Okuma MA-400H4 (1) (23.5" x 27.5")
Okuma MB-560VA (24"x36")
Okuma MC-V4020 (3) (40" x 20" x 18")
Okuma MU460 (3) (30" x 40" x 18")
Milltronics VM-17 Machine Center (45" x 16" x 20")
Milltronics Partner-1 Machine Center (6) (45" x 16" x 20")
Milltronics VK-3 (4) (32" x 15" x 5")
Bridgeport Torq-Cut 30 Machine Center (1) (30" x 16" x 20")
Bridgeport VMC 1000 Machine Center (1) (40" x 20")

MANUAL MILLS

Bridgeport Series 1
Cincinnati
Milwaukee
Planer/Bridgeport

SHEET METAL

Omax 2652 Abrasive Water Jet
Komo VR 510 Mach OneS (CNC Router)
Komo VR 512 Mach One SHO (CNC Router)

CNC LATHE

LB3000 EX-MY Lathe

MANUAL LATHES

Super Precision Tool Room Lathe
2010
TML-5C Badin Machine Tool Lathe

SAWS

Auto Indexing and Fixture
Tolerances +/- .005

SHEARS

Cincinnati CNC (1/4" x 10")
Wysong (3.16" x 4")
Tennsmith (16 ga x 4', 2', 1")
Di-Arco Notcher (16 ga x 6")
Ledge and Shipley (10 ga x 2')

SURFACE GRINDER

Chevalier FSG-2A618
Harig Super 612 Manual Surface Grinder
Manual/CNC Surface Grinder

PUNCH/ HYDROFORM PRESSES

Bliss (35-ton 42" x 24")
South Bend (45-ton 28" x 18")
South Bend (60-ton 32" x 21")
South Bend (100-ton 42" x 27")
Heller Sutherland Mark (66-ton 20.5" x 41")
AIDA (110-ton)
Heller Sutherland Mark – 2-121 (121-ton 74" x 27")
Minster S2-250-72-48 (250-ton 72" x 48")
Cincinnati Hydroform (15K PSI, 12" diameter)
Atom SE 17 Hydraulic Clicker Press (17-ton 20" x 40")

WIRE MACHINE / WELDER

Whitelegg CFM-620E-TWR (.080"-.250" wire range, 32" x 32")
Projection Welder
"T" Bar Welder
Right But Welder
Left But Welder

RADIO FREQUENCY WELDING

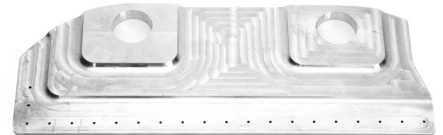
Kabar 15kw
Cosmos 1kw
Cosmos 20kw
Cosmos 15kw

INJECTION MOLD

70- to 550-ton Horizontal Injection Presses
Hot Runner Control
Resin Dryers
Mold Temp Controllers
Granulators

INSPECTION

Mitutoyo Bright 707 CNC CMM 28"x28"x24"
Global Performance 9.15.8 CMM 35"x59"x31"





OUR MISSION

To create and enhance opportunities for independence and self-sufficiency for people who are blind, DeafBlind, and blind with other disabilities.



The Lighthouse for the Blind, Inc.

2501 S. Plum Street | Seattle, WA 98144 | (800) 709-0402

email: contractadministration@seattlelh.org | www.thelighthousefortheblindinc.org