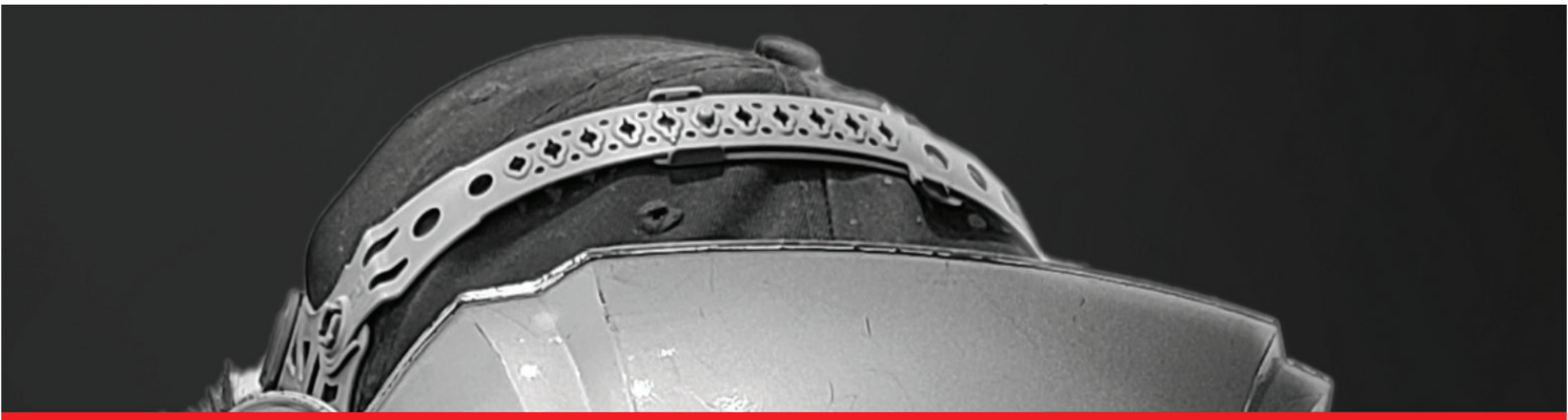


Lynn Welding

Welding - Machining - Fabrication

Over 40 Years Of Service

www.lynnwelding.com | sales@lynnwelding.com
phone: (860) 667-4400 | fax: (860) 667-3040

> Everyday we come into Lynn Welding with a true purpose, to be the best welding company in America. We have the recipe to get there and the key ingredients are our team members. It's imperative to have people on our team that have a passion for what they do. We prioritize creating a fun, positive work environment that promotes growth and career advancement. Our culture and values are apparent to our customers through the excellent customer service, and quality work we deliver every day.
>
> Being the best welding company in America is not a destination for us, it's a daily experience!

Darius Kania
Vice President of Lynn Welding

The Statue Mounted at the entrance of Lynn Welding's headquarters was designed, fabricated, and welded by one of our very own who has a passion for what he does!

TABLE OF CONTENTS

Lynn Welding
Welding - Machining - Fabrication


Lynn Welding
Welding - Machining - Fabrication

Lynn Welding

About Us and Our Rich History

Providing Quality Welding, Machining, and Fabrication Services Since 1979

We started as a one-man welding shop and have since turned ourselves into a company that is considered the ultimate solution for complex welding and machining assignments. Over the years, Lynn Welding has diversified its offered services, increased its capacities, expanded its list of certifications, and become one of the most well-known names in welding and machining for the aerospace and defense industries.

Delivering Certainty

At the core of Lynn Welding is our commitment to delivering certainty.

To Our Customers

Lynn Welding works to deliver certainty to its customers by prioritizing communication and reliability. Our team is trained to offer clear, concise, and frequent correspondences, so our customers always know the status of their orders.

To Our Team

Delivering certainty to our team means providing a safe and stable work environment where our employees and their families feel supported. Our leadership members work hard to ensure that all our employees will continue to have work and be fulfilled by the company they represent for years to come.

In the last decade Lynn Welding

Processed

47,266

JOBS

Shipped

3,298,472

PARTS

Served

656

CUSTOMERS

Lynn Welding
Welding - Machining - Fabrication

Fusion Welding

Certified In Most Common and Exotic Alloys

Our Fusion Welding Capabilities

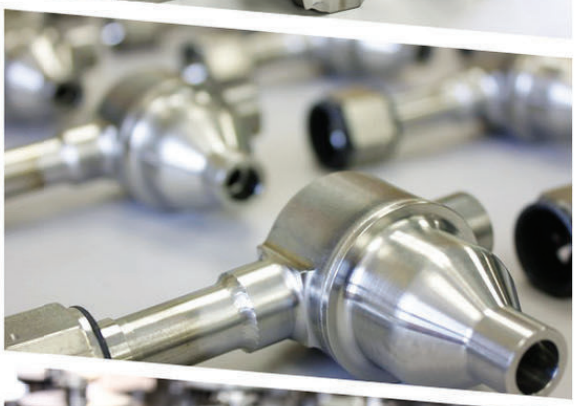
Lynn Welding provides Nadcap accredited fusion welding services and specializes in GTAW (Gas Tungsten Arc Welding).

Lynn Welding is AWS D17.1 Certified and holds many other precision welding approvals. For a full list of our certifications turn to page 19.

Including: stainless steel, greek ascology, titanium, inconel, aluminum and, chromalloy

Approvals

Raytheon Technologies
Boeing
Bell Helicopter
Rolls- Royce
GE Aviation
Collins Aerospace
Kaman Aerospace
Pratt & Whitney Canada
Northrop Grumman
United Launch Alliance
Sikorsky
General Dynamics
Pratt & Whitney
Gulfstream
Beechcraft



Tig Welding Facility List

- 20 Miller Dynasty 350 tig welders
- 3 Miller Maxstar 200 tig welders
- 1 Miller Syncrowave 300 tig welder
- 1 Miller Syncrowave 500 tig welder
- 1 Miller Dynasty 280
- Millermatic 350P mig welder
- Weldlogic automatic tig welding system
- Custom 48" x 48" x 36" vacuum welding chamber
- Custom 72" x 48" x 32" purge welding chamber
- Mbraun 48" x 36" x 36" vacuum welding chamber
- CWI (certified welding inspectors)
- 10,000 sq ft welding department
- Approved weld procedures for most alloys
- Metallurgical lab for performance and procedure qualification

SCAN ME

Lynn Welding
Welding - Machining - Fabrication

Over 40 Years of Service

Lynnwelding.com | sales@lynnwelding.com
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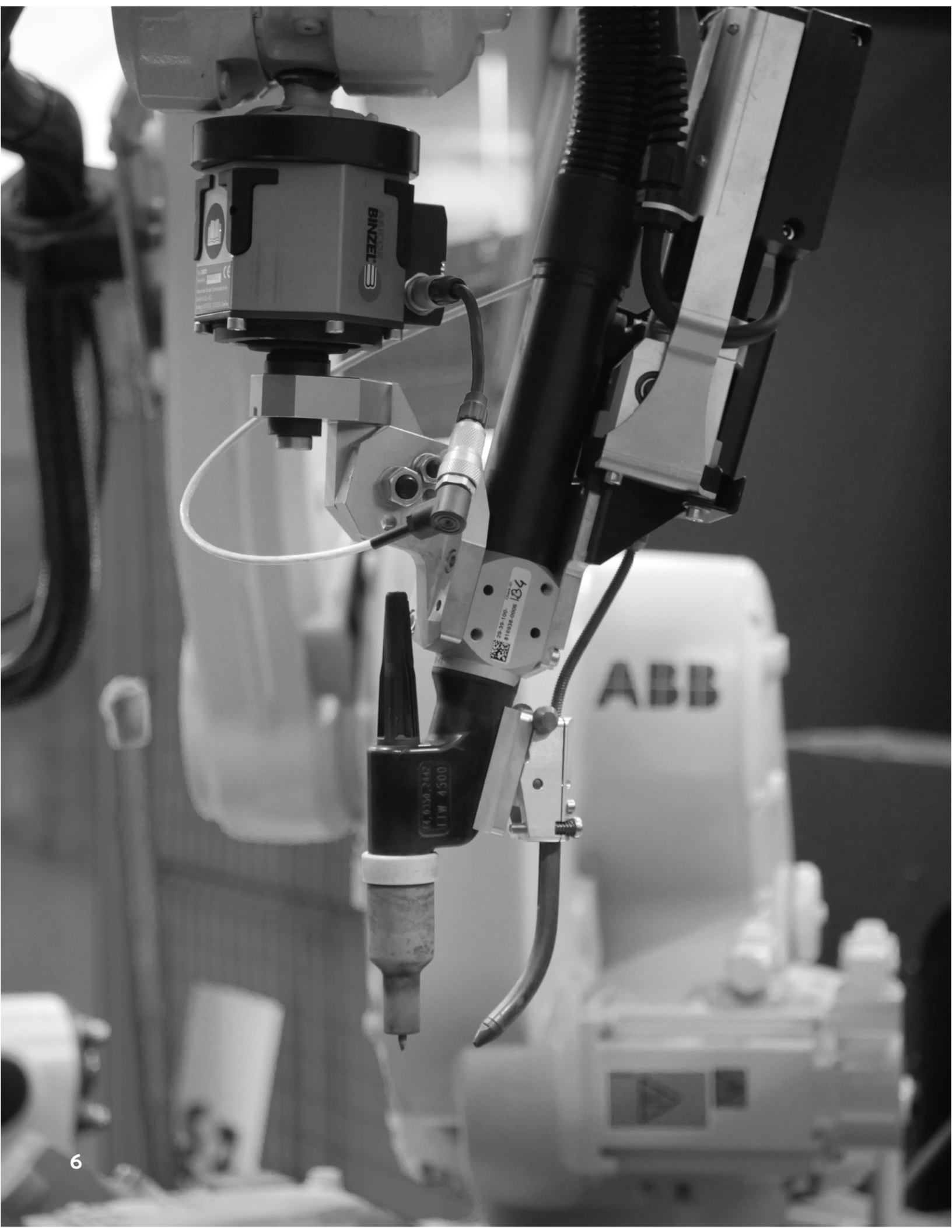
BINZEL
ABB

Robotic Welding

High Volume Projects of GTAW Robotic Welding

Our Robotic Welding System

The robotic welding systame is governed by a light curtain safety system, so that operator intervention is fast, easy, and safe. The robot is designed to weld parts at three separate stations. One consists of a 2-axis positioner and the other two stations consist of a 2'x4.5' weld tooling table protected by pneumatic telescoping barrier doors.

Including: stainless steel, greek ascology, titanium, inconel, and aluminum

Why Robotic Welding?

- Increased accuracy
- Process reliability
- Reduced welding cost
- Exact repeatability
- Increased productivity
- Welding on multiple axes
- Circumferential welding
- Linear seam welding
- Multiple location welding

Robotic Welding Facility List

ABB IRB 1600

- 6-Axis robotic arm
- 10 Kg. payload & 1.45m reach

ABB IRBP A-250

- 2-Axis work-piece positioner
- Up to 250 Kg weight capacity
- 1.18 Diameter part envelope

ABB IRBP L-300 tail stock

- Helps support long parts with A-250
- Increases A-250 load capacity to 500 Kg.

Fronius MagicWave 3000 TIG

- Tig welding up to 300A

Arc voltage control

- Enables through-the-arc seam-tracking for tig process

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S/O 15745562 DATE 03/26/15

Resistance Welding

Sciaky Certified Operators

Our Resistance Welding Capabilities

Lynn Welding provides NADCAP accredited resistance welding solutions, and our department is home to over 25 resistance welding machines. At Lynn Welding, we use SCIAKY welders which are considered the best in the world for maintaining the strictest tolerances required by the aerospace industry. Our SCIAKY welders are capable of welding aluminum, Stainless steel, Titanium, Inconel and most other metals while maintaining the proper conditions to ensure a quality weld.

Including: seam welding, spot welding, projection welding, and micro-resistance welding

Approvals

Raytheon Technologies
Boeing
Bell Helicopter
Rolls- Royce
GE Aviation
Collins Aerospace
Kaman Aerospace
Pratt & Whitney Canada
Northrop Grumman
United Launch Alliance
Sikorsky
General Dynamics
Pratt & Whitney
Gulfstream
Beechcraft

Resistance Welding Facility List

- 1000 ADP Miyachi micro resistance welder
- 200 KVA Sciaky resistance spot welder
- 200 KVA Sciaky resistance seam welder
- 150 KVA Sciaky resistance spot welder
- 150 KVA Sciaky resistance seam welder
- 125 KVA Sciaky resistance spot welder
- 100 KVA Sciaky resistance spot welder
- 150 KVA Sciaky resistance seam welder
- 100 KVA Sciaky spot welder
- 90 KVA Sciaky resistance spot welder
- 30 KVA Miyachi micro-resistance welder
- 23 KVA Techna portable gun welder
- 20 KVA Joyal micro-resistance welder
- 0-100 Micro-ohm resistance surface analyzer
- Metallurgical laboratory featuring:
  - 20x-100x video microscopes with digital readouts
  - 10x-80x video videoscope with digital readouts
  - 2lb-20,000lb pull tester
  - Acid etching and sample mounting station

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Lynn Welding
Welding - Machining - Fabrication

Over 40 Years of Service

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Torch Brazing

Certified Brazing for the Aerospace Industry

NADCAP Accredited Brazing

Lynn Welding offers NADCAP accredited brazing. Our certified brazers routinely join dissimilar materials to x-ray standards.

Advantages of Torch Brazing

- Brazed joints are pressure-tight.
- Allow the joining of dissimilar metal.
- Precision dimensions can be maintained with machined components.
- Joins extremely thin-walled material that cannot be welded
- Brazing joins fabrications economically
- Reduced heat "shock" and distortion

Including: Tubes/ferrules, engine seals, nut plates, electronics, and fuel filters

Approvals

Raytheon Technologies
Gulfstream
United Launch Alliance
Boeing
GE Aviation
Rolls Royce
Sikorsky

Certified Brazing for the Aerospace Industry

Base Metals

- 300 Series stainless steel
- 400 Series stainless steel
- Inconel
- Mild Steel
- Copper
- Carbide
- Tungsten
- Aluminum

Braze Alloys

- Silver
- Nickel
- Copper

Solder Alloys

- Tin/lead solder
- Gold/tin solder (80 & max au))

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Lynn Welding
Welding - Machining - Fabrication

Over 40 Years of Service

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Machining

World Class Machining Services

Precision CNC Machining
Lynn Welding's full time staff of machinists have decades of experience in programming and operating CNC and manual equipment. Our machinists are capable of running highly complex and dimensionally critical parts consisting of most standard and exotic materials.

Precision Wire EDM Machining
Lynn Welding has been performing wire EDM services in Connecticut for many of its customers since 2009.

Including: 3-axis CNC milling, 4-axis CNC milling, wire EDM, manual milling, CNC turning

Wire EDM

- Fanuc robotic a-1B wire EDM (X 18", Y 12", Z 8")

Turning

- Southwestern Trak TRL 1840 CCS (X 18", Z 31")
- Doosan lynx 2100A turning center
- (2) Hardinge lathe. 6" max dia.
- Wasino lathe. 22" max dia.

Milling

- Matsurra vertical CNC milling center 4-axis. (X 30", Y 19", Z 19")
- Leadwell vertical CNC milling center 3-axis. (X 30", Y 19", Z 18")
- Doosan vertical CNC milling center 3-axis (X 25", Y 17.1", Z 20")
- Doosan 5-axis
- DNM-200 machining center
- (2) Southwestern Trak DPM3 (X 28.5", Y 17.5", Z 13")
- (2) Southwestern Trak K3SX (X 32", Y 16", Z 15.5")
- Bridgeport milling

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Welding - Machining - Fabrication

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Fabrication

Fabrication Services From Provided Specs

Defense Fabrication Services

Lynn Welding's military fabrication solutions are aimed at supporting various government programs such as GSE, armored vehicle components, defense system components, and aerospace components

Aerospace Tooling

Our team of highly experienced toolmakers and CNC programmers specialize in aerospace tooling services. We assists many customers including the military with aerospace tooling services on many programs such as the black hawk and Humvee.

Aerospace Fabrication Services

Lynn Welding has over 60 years of combined experience in fabricating assemblies such as tube assemblies, duct assemblies, crew door components, and various aerospace assemblies.

Including: machining, forming, cutting, bending, welding, assembling, and painting

Fabrication Department Capabilities

- Pressure vessels
- Tanks
- Pipe assemblies
- Jet engine assembly carts
- Blade transport carts
- Dollies
- Racks
- Enclosures
- Custom assemblies
- Scaffolds

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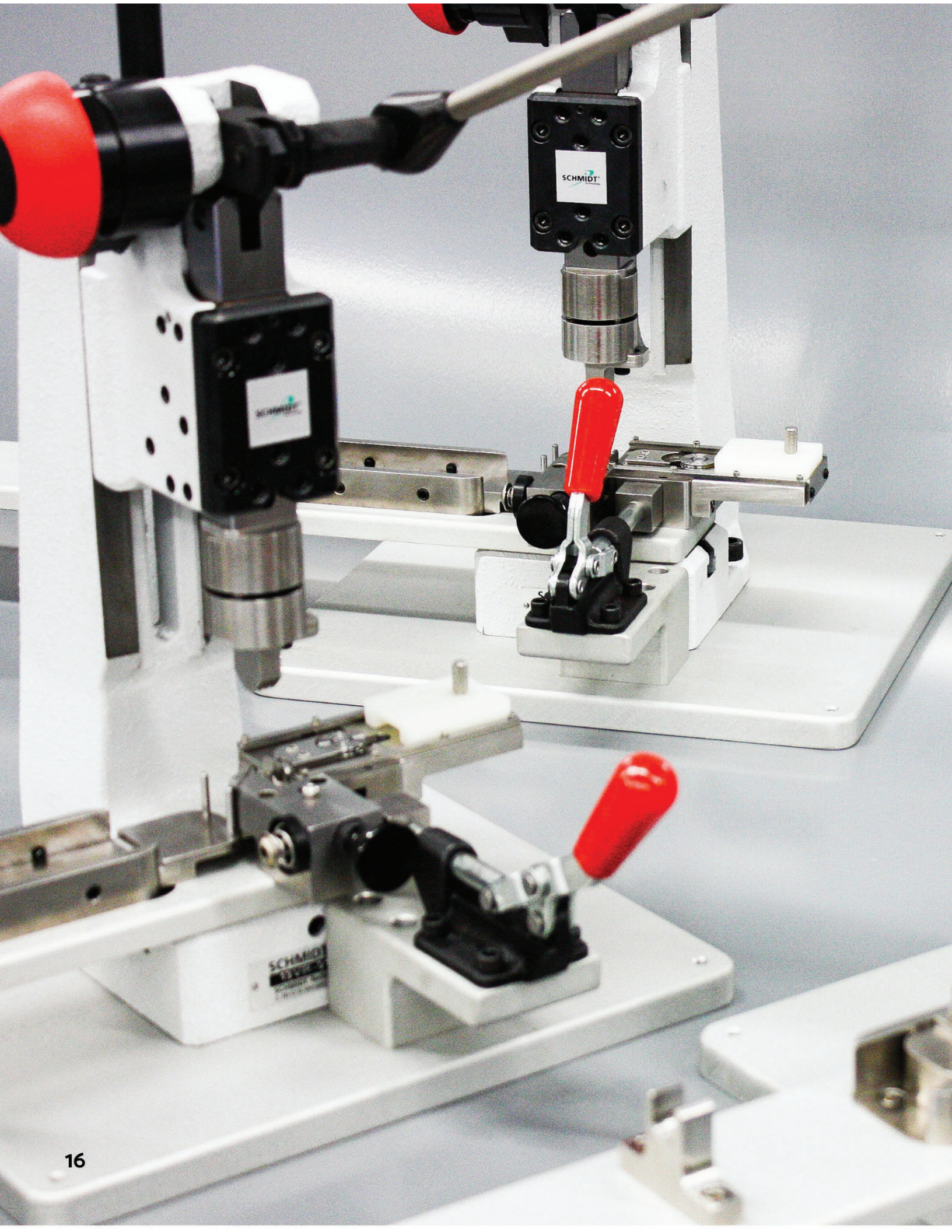

SCHMIDT

Fixture Building

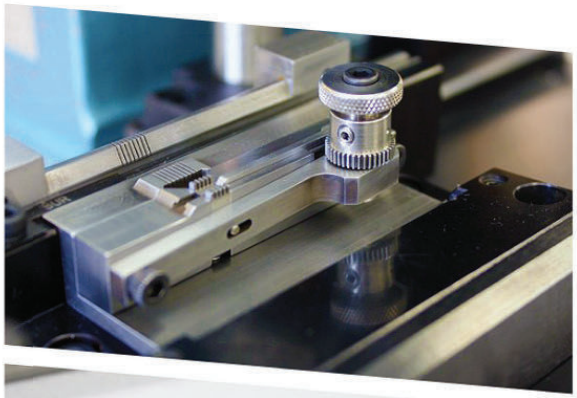
Building Custom Precision Fixtures and Tooling

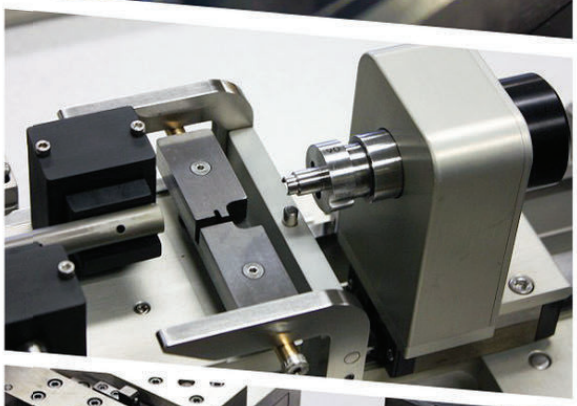
Fixture & Tooling

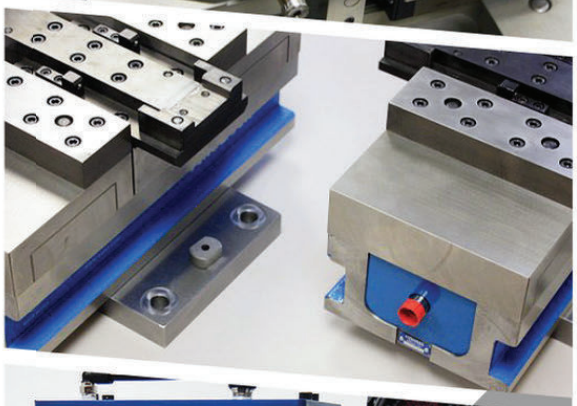
Lynn Welding is a manufacturer of custom vertical and horizontal machining fixtures (available with hydraulic, pneumatic, manual, captured oil-accumulator built into the fixture, and spring clamp with air and hydraulic unclamp actuation options).

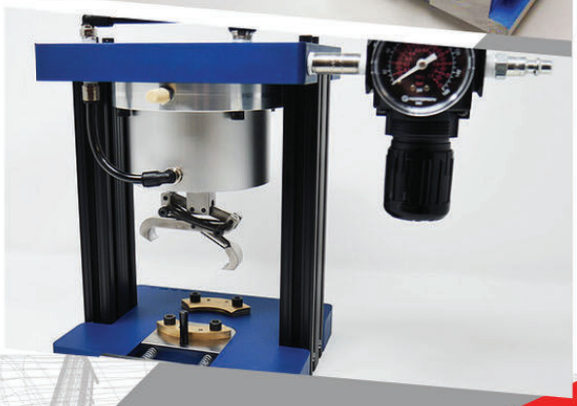
Our team helps you streamline the entire fixture and tooling development process. Lynn Welding's advanced functionality and step-by-step guidance are a solution to even the most challenging tooling and fixture designs.

Including: welding fixtures, machining fixtures, semi-automatic fixtures, and assembly fixtures









Fixture Building Capabilities

- High tolerance CNC machining fixtures
- Machined components gages
- Part qualification test fixtures
- Switch tester
- Contact testers
- Cable cutter/measure/testers
- Feeding systems
- Inspection systems
- Assembly systems
- Micro resistance welding systems
- Machining services
- Assembly services

SCAN ME

Lynn Welding
Welding - Machining - Fabrication

Over 40 Years of Service

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39 Progress Circle Unit B Newington CT 06111

Certifications

Pratt & Whitney
A United Technologies Company

Fusion Welding (LCS Approved Facility)
PWA 16-1 (carbon and low alloy steel)
PWA 16-2 (corrosion-resistance steels other than precipitation-hardenable)
PWA 16-22 (precipitation-hardenable, corrosion-resistance steel)
PWA 16-3 (nickel and non precipitation-hardenable nickel alloys)
PWA 16-33 (precipitation hardenable nickel alloys)
PWA 16-37 (NI & Non precipitation-hardenable nickel alloys welded to cobalt alloys)
PWA 16-333 (NI & Non precipitation-hardenable nickel alloys welded to precipitation-hardenable nickel alloys)
PWA 16-4 (aluminum alloys)
PWA 16-6 (commercial pure titanium)
PWA 16-66 (titanium alloys)
PWA 16-666 (titanium alloys, special alloy filler metal requirement)
PWA 16-7 (cobalt alloys)
PWA 16-777 (cobalt to nickel alloys)

Resistance Welding
PWA 15 seam resistance welding (thickness range .015-.123)
PWA 15 spot resistance welding (thickness range .0009-.123)

Brazing
AMS 2664 high temp manual braze, torch braze
AMS 2665 low temp manual braze, torch braze

Tack Welding
PWA 36951

Pratt & Whitney Canada
A United Technologies Company

Fusion Welding (LCS Approved Facility)
CPW 24-1A (Carbon & low alloy steel)
CPW 24-2A (Corrosion-resistance steel and other precipitation-hardenable)
CPW 24-2J (Corrosion-resistance steel and other precipitation-hardenable
CPW 24-22A (Precipitation-hardenable, corrosion-resistance steels)
CPW 24-3A (Nickel and non precipitation-hardenable nickel alloys)
CPW 24-3J (Nickel and non precipitation-hardenable nickel alloys)
CPW 24-33A (Precipitation-hardenable nickel alloys)
CPW 24-33J (Precipitation-hardenable nickel alloys)
CPW 24-4A (Aluminum alloys)
CPW 24-4J (Aluminum alloys)
CPW 24-6A (Commercial pure titanium)
CPW 24-6J (Commercial pure titanium)
CPW 24-66A (Titanium alloys)
CPW 24-66J (Titanium alloys)
CPW 24-7A (Cobalt alloys)

Resistance Welding
CPW 23 Seam Resistance Welding (Thickness range .015-.0123) Spec YC-1
CPW 23 Spot Resistance Welding (Thickness range .015-.123) Spec YC-1

Collins Aerospace
A United Technologies Company

Fusion Welding	Resistance Welding	Torch Brazing
AWS D17.1	AWS D17.2	HS 198 TYA3
MIL-STD-2219	HAWS-W-6858	PN 05.41
HS 191 CL1A	HS 3944	ON 05.41-11
HS 191 CL1B	HS 91	Mil-B-7883
HS 191 CL1C	MIL-W-6858	
HS 191 CL2A	SAE-AMS-W-6858	
HS 191 CL2B		
HS 191 CL3		

SIKORSKY
A LOCKHEED MARTIN COMPANY

Fusion Welding
AWS D17.1/MIL-STD-2219
Carbon and low alloy steels
Corrosion resistance steels other than precipitation-hardenable
precipitation-hardenable, corrosion-resistance steel
Cres. precipitation-hardenable alloys
Nickel and non precipitation-hardenable nickel alloys
Precipitation-hardenable nickel alloys
Aluminum alloys
Commercial pure titanium
Titanium alloys
Titanium alloys, special alloy filler metal requirement
Cobalt alloys
Cobalt to nickel alloys
NI & non precipitation-hardenable nickel alloys welded to cobalt alloys
NI & non precipitation-hardenable nickel alloys welded to precipitation-hardenable nickel alloys

Resistance Welding
AWS D17.2
MIL-W-6858
SAE-AMS-W-6858

Brazing
SS8731/ MIL-B-7883

LOCKHEED MARTIN

Fusion Welding
AWS D17.1/ D17.1M

Raytheon Technologies

Fusion Welding (LCS Approved Facility)
AWS D17.1 & WS33739 class A,B &C
AWS D1.1 & WS33739 welding of carbon steel
AWS D1.1 & WS33739 welding of aluminum
AWS D1.6 & WS33739 welding of stainless steel
AWS D9.1 & WS33739 welding of sheet metal
AWS D1.3 welding of sheet steel
AWS D14.1

Resistance Welding
AWS D17.2 class A, B & C

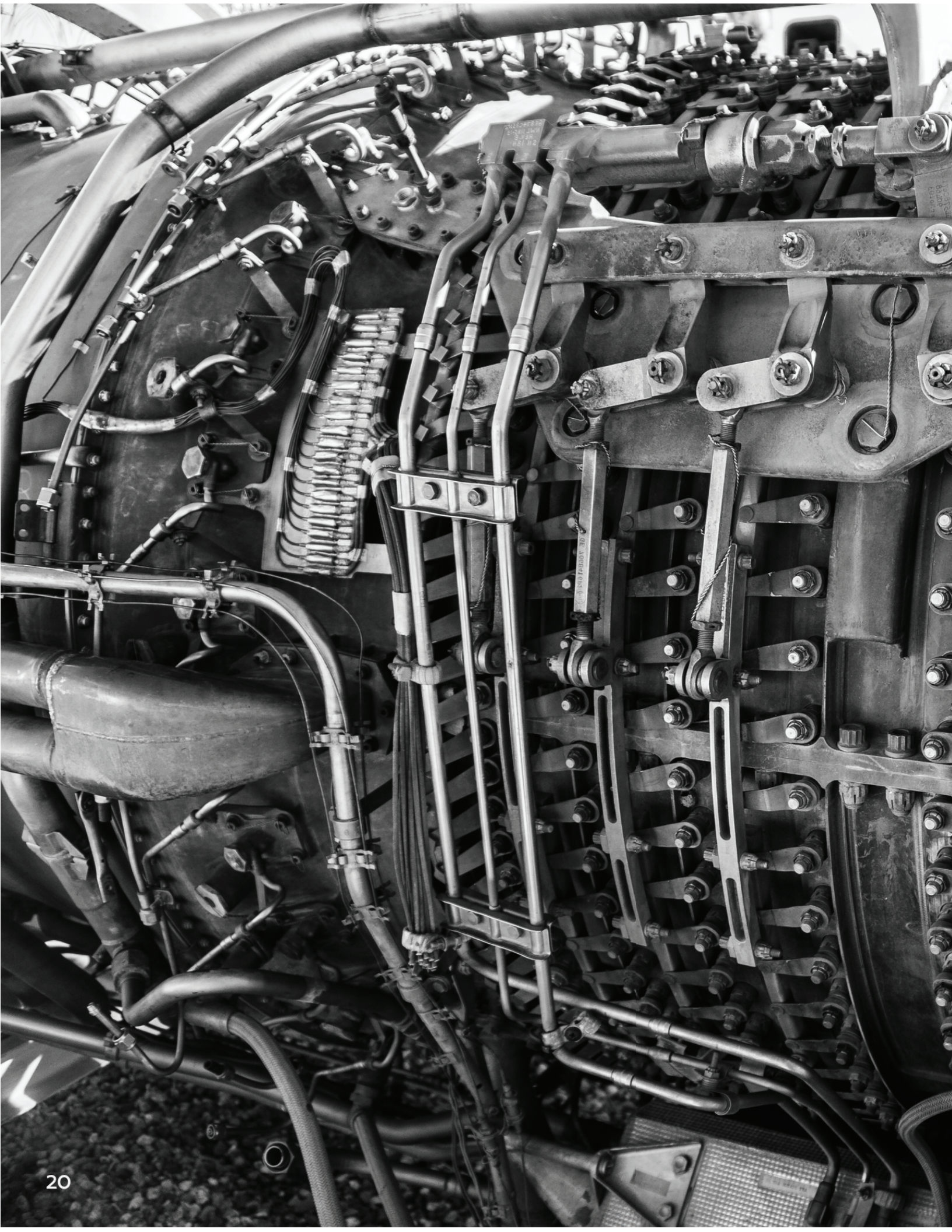
Torch Brazing
AWS C3.4

LEONARDO

Resistance Welding: Spot, Seam & Stitch
Sta-100-81-15 A spot welding spec

Westinghouse

Fusion Welding
QMSP-1012



Certifications

KAMAN

Fusion Welding
Fusion AWS D17.1 -process code: 241-1 welding
Fusion, qualification AWS D17.1 -process code 241-5 welders

Resistance Welding
Resistance stitch SAE-AMS-W-6858 -process code: 241-2 welding
Resistance spot SAE-AMS-W-6858 -process code: 241-3 welding
Resistance seam SAE-AMS-W-6858 -process code 241-1 welding

Rolls-Royce

Fusion Welding
EDS 1306
EPS 14500
AWS D17.1
EIS 1200 acceptance criteria for fusion welding
EPS 14530 projection welding

Resistance Welding
EPS 14523 projection welding
EPS 14520 resistance welding (spot & seam) of ferrous, nickel and cobalt based alloys.

Honeywell

Fusion Welding
Code A per act AC7110/05
037-0143-000 gas tungsten arc welding
037-0143-100
AMS-STD-2219 fusion welding for aerospace applications
AWS D17.1 & D17.1M specification for fusion welding for aerospace applications
AMS2685 tungsten arc, inert gas (GTAW Method) welding
AMS2689 titanium & titanium alloys fusion welding
GPS4100-1 fusion arc welding
GPS7315-1 joining (grimes)
GPS7320-1 GTA AL ALYS welding
LW 0201-002 fusion welding of aerospace alloys (class c)
M691546 manufacturing specification for fusion welding of aluminum alloys
MIL-STD-2219 fusion welding for aerospace applications
MIL-W-18326 manual and machine processes for welding of magnesium alloys, gas and arc
Mil-W-8604 aluminum alloys welding fusion
MIL-W-8611 metal arc and gas, steels, and corrosion and heat resistant alloys (G IA, G IB, G IIA, G IIB, GIIIA, G IIIB, G VIII)
P6200 process for fusion welding
P6202 SUPSD by P6200
P6207 process for titanium, gas tungsten arc welding
WBS18 GTAW welding
WBS28 fusion welding supplement to AWS D17.1
WBS31 GTAW – aluminum & aluminum base alloys welding
WBS32 GTAW – aluminum & aluminum base alloys welding
WBS5018 fusion arc welding
WBS5059 SUPSD by WBS5018; CL B*
WBS7018 fusion welding

BOEING

Fusion Welding
Fusion welding- CRES heat resistance nickel-cobalt alloys BAC5975/ process code: 201 /specification title: fusion welding of metals
Fusion welding of aluminum alloys- BAC975/ process code: 210 / specification title: fusion welding for aerospace applications
Fusion welding for aerospace applications- aluminum alloys MIL-STD-2219/ process code: 211 / specification title: fusion welding for aerospace applications
Fusion welding for aerospace applications- aluminum alloys AWS d17.1/ process code: 211A / specification title: fusion welding for aerospace applications
Fusion welding for aerospace applications- aluminum alloys AMS-STD-2219/ process code: 211B / specification title: fusion welding for aerospace applications
Fusion welding for aerospace applications- aluminum alloys MIL-W-8604/ process code: 211C / specification title: fusion welding for aerospace applications
Fusion welding- titanium - titanium alloys BAC 5975/ process code:214 / specification title: fusion welding of metals

Resistance Welding
Resistance welding- steel alloys BAC 5977/ process code: 220 / specification title: resistance spot/roll spot/seam
Resistance welding- Ni.-Co. base alloys BAC5977/ process code: 222 / specification title: resistance: spot/roll spot/seam
Resistance welding- aluminum alloys MIL-W-6858/ process code: 234 / specification title: resistance spot-seam
Resistance welding- titanium alloys BAC 5977 / process code: 234 / specification title: resistance spot/roll spot/seam
Resistance welding- titanium alloys MIL-W-6858 / process code: 235 / specification title: resistance spot-seam
Resistance welding- aluminum alloys PS 22010/ process code: S230 / specification title: resistance welding aluminum
Resistance welding- PS 22010 resistance welding of aluminum alloys using a weld-through sealant
Resistance welding- material group II PS22000 (Thickness range .032"-.125" -precleaning to be done by an outside source/ process code: S220 /specification title: resistance spot-seam

Brazing
Silver brazing of steel, copper, nickel-cobalt alloys- torch-induction BAC5940/ process code: 251 /specification title: silver brazing

Other
Metallurgical testing met. testing/ process code: 803 / Specification title: metallurgical testing
Processor basic quality system for D1-4426 approval only quality sy7stem/ process code: 003 / specification title: processor quality system
Welders and weld operator qualification/ process code: 808 / specification title: qual/cert

Certifications

Nadcap℠
Administered by PRI
ACCREDITED

Scope of Accreditation- Welding

AC7000 - AUDIT CRITERIA FOR NADCAP ACCREDITATION
AC7110 Rev G - NADCAP audit criteria for welding/ torch and induction brazing and additive mfg
AC7110S - NADCAP supplemental audit criteria for welding, torch and induction brazing, and AM
U1 Honeywell

AC7110/1 Rev H - NADCAP Audit Criteria for Brazing (Torch/Induction)
Baseline (All Audits)
Supplement A – torch (additional requirements)
Supplement G – processes using gas (additional requirements)
Supplement H – processes using flux – (additional requirements)

AC7110/4 Rev I - NADCAP Audit Criteria for Resistance Welding (Spot, Seam, Projection)
Baseline (All Audits)
Projection welding – sheet
Seam welding – sheet
Seam welding –foil
Spot welding – foil
Spot welding – sheet
Supplement A – aluminum / magnesium (additional requirements)
Supplement B – shear Testing (additional requirements)
Supplement F – metallographic evaluation of resistance welds (qualification and / or process control) (additional requirements)

AC7110/4S Rev G - NADCAP Supplemental Audit Criteria for Resistance Welding
U10 GE Aviation
U11 The Boeing Company
U3 Rolls Royce

AC7110/5 Rev I - NADCAP Audit Criteria for Fusion Welding (to be used on audits on/after 6 Jan 2019)
Baseline (All Audits)
Supplement D – titanium (additional requirements)
Supplement F – filler materials (additional requirements)
Supplement G – processes using gas (for example GTAW, PAW) (additional requirements)
Supplement H – pre/Interpass heat treatment (additional requirements)
Supplement J – tack Welding (additional requirements)
Supplement K – metallographic evaluation of qualification welds (additional requirements)

AC7110/5S Rev F - NADCAP Supplemental Audit Criteria for Fusion Welding
U1 Honeywell
U10 GE Aviation
U11 The Boeing Company
U3 Rolls Royce

AC7110/12 Rev F - NADCAP Audit Criteria for Welder/Welding Operator Qualification
Baseline (All audits)
Supplement A – metallographic evaluation of qualification welds (additional requirements)

AC7110/12S Rev H - NADCAP Supplemental Audit Criteria for Welder/Welding Operator Qualification
U1 Honeywell
U10 GE Aviation
U11 The Boeing Company
U3 Rolls Royce

ASME
SETTING THE STANDARD

International Traffic in Arms Regulations Compliant
ITAR

AS9100
REV. D
AS 9100 Rev. D Certified

ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17025
FORENSIC TESTING LABORATORY

PERRY JOHNSON REGISTRARS, INC.
ISO 9001:2015 Certified

Certifications

United Launch Alliance

Fusion Welding
AMS-STD-2219 fusion welding (all types)
AC 7004/ AS 9003 NADCAP accreditation to AS9001
AC7110/5 NADCAP audit for fusion welding

Resistance Welding
AC7100/4 NADCAP audit for resistance welding

Brazing
AC7110/1 NADCAP audit for brazing (torch/induction)
AC7110 NADCAP audit for welding/brazing

Other
AC7110/13 NADCAP audit for metal evaluation of welds
AC7110-12 NADCAP audit for operator qualification

Bell Helicopter
A Textron Company

Fusion Welding
BPS 4404 fusion welding

Resistance Welding
QPS 101
BPS 4115 resistance welding
BPS 4113 preparation of metals for resistance welding
MIL-W-6858 resistance welding spot & seam

Cessna
A Textron Company

Fusion Welding
CSMP039- fusion welding of aluminum, steel, nickel, and titanium alloys

Resistance Welding
CSMP007- resistance welding (spot and seam)

Hawker
BY TEXTRON AVIATION

Fusion Welding
36B1 fusion-aluminum alloys
36C1 fusion-magnesium
36D1 fusion-steel alloys
36EA fusion-titanium alloys

Resistance Welding (spot)
36F resistance-aluminum
36G resistance-magnesium
36H resistance-nickel and cobalt
36I resistance- steel
36J resistance-titanium
36K resistance-seam

General Dynamics
General Dynamics Mission Systems

Fusion Welding
A10458 AWS D17.1
MIL-STD-2219

Resistance Welding (spot)
MIL-W-6858D

Northrop Grumman

Fusion Welding
All procedures are GTAW-MA (Gas tungsten arc weld-manual)
MIL-STD-278
AWS D17.1

Resistance Welding (spot)
MIL-W-6858D

GE Aviation

Fusion Welding
CS- welding, titanium CS00 **M50T1; P8TF3; P8TF11; P21TF6
CF- welding, gas shielded arc, CF01 *P8TF3; M50T1A; P8TF11; P21TF6; AWS D17.1; MILTT-5021

Resistance Welding
CE- welding, resistance, CE000 spot; seam; stud resistance welding; P8TF4; AWS D17.2

Brazing
CD- brazing, cd02*** M50T1; P9TF1; ANSI/AWSC3.4

Gulfstream

Fusion Welding
All procedures are GTAW-MA (gas tungsten arc weld-manual)
AWS D17.1
Code 6.01 welding, fusion titanium, aluminum, and steel)
GAMPS 2302 fusion welding-inconel and steel
GAMPS 2308 fusion welding-titanium
GAMPS 2309 fusion welding-aluminum

Resistance Welding (spot)
GAMPS 2301 resistance foil, mesh and steel

Torch Brazing
AWS C3.4
Code 6.05 brazing, torch

Other
Code 5.03 material test, metallographic
Code 5.04 material test, physical

Aerojet Rocketdyne

Resistance Welding
RAPWA15 resistance weld

Blue Origin

Fusion Welding
AWS D17.1

Resistance Welding
AWS D17.1

Bombardier Aerospace

Resistance Welding
Mil-W-6858 resistance welding

American Welding Society

Qualified Procedures In-House
AMS-STD-1595
AMS 2668
AWS CS.5
AWS D17.1
AWS D1.1
AWS D1.2
ASMSE Section IX

U.S. Army

Ground Combat Vehicle Welding Code Steel 12479550 GTAW and GMAW
M1 to M1 GTAW method
M1 to M1 GMAW method

NAVSEA
NAVAL SEA SYSTEMS COMMAND

S9074-AQ-GIB-010/248
NAVSEA technical publication: requirements for welding and brazing procedure and performance qualification

S9074-AQ-GIB-010/278
NAVSEA technical publication: requirements for fabrication welding, inspection, casting inspection, repair for machinery, piping, and pressure vessels

Lynn Welding

Welding - Machining - Fabrication

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