

Elias Reese

☎ (256) 555-4172 ✉ elias.reese@example.com 💼 [linkedin.com/example/eliasreese](https://www.linkedin.com/example/eliasreese) 📍 Huntsville, AL 35806

SUMMARY

Master scheduling and **production planning** professional with 11 years of progressive experience supporting complex manufacturing operations, aerospace customers, material readiness, capacity decisions, and production execution. Translates sales requirements, engineering specifications, material needs, equipment constraints, and business commitments into practical **production plans** for variable manufacturing environments. Uses **manufacturing resource planning** systems, production logs, backlog analysis, forecasting, capacity planning, and comparative data review to identify schedule risk and recommend workable alternatives. Leads **Sales and Operations Planning** preparation, communicates production status with customers and senior stakeholders, and resolves conflicts across manufacturing, procurement, engineering, quality, and commercial teams. APICS CPIM certified, with experience applying JIT, pull systems, continuous improvement, compliance controls, mentoring, and functional leadership. Brings calm judgment and clear communication to planning decisions that protect customer service and business performance.

EXPERIENCE

Senior Master Scheduler, Aerospace and Industrial Components

January 2023 - Present

AeroForge Components

Huntsville, Alabama

Directs master scheduling for complex component families serving aerospace and industrial customers. Converts demand, engineering requirements, material availability, equipment capacity, and contractual timing into executable plans while providing functional leadership, customer communication, and decision support for senior operations and commercial leaders.

- Converted demand, engineering inputs, material status, and capacity into integrated component **production plans**.
- Balanced expedite requests against constrained resources, protecting critical commitments without destabilizing schedules.
- Consolidated backlog, forecasts, capacity, material risk, and performance data for **Sales and Operations Planning**.
- Communicated **production status**, schedule revisions, shipping expectations, and **returned material** matters with strategic customers.
- Used MRP exceptions, **production logs**, shortages, and capacity analysis to develop alternate sequences.
- Mentored planners on scheduling logic, escalation practices, **customer communication**, and root cause analysis.

Master Production Scheduler, Engineered Assemblies

May 2020 - December 2022

Redstone Motion Products

Decatur, Alabama

Managed master schedules for engineered assemblies with variable routings and lead times. Connected sales forecasts, booked demand, bills of material, engineering changes, supply status, work center capacity, and compliance controls with production planning reviews and customer service priorities.

- Aligned forecasts and booked demand with **raw materials**, work center **capacity**, and completion dates.
- Reviewed bills of material, specifications, and engineering changes before releasing revised **production plans**.
- Prepared **backlog**, **forecast**, business plan, and capacity analyses for recurring planning reviews.
- Resolved schedule conflicts across manufacturing, procurement, engineering, quality, and contract administration.
- Applied pull system and **JIT** concepts to improve replenishment signals and reduce queueing.
- Maintained planning controls and escalation records supporting customer, aerospace, and internal compliance requirements.

Production Planner, Machined and Assembled Products

July 2017 - April 2020

Southern Precision Manufacturing

Birmingham, Alabama

Planned machined and assembled products through detailed weekly schedules, production monitoring, customer communication, and data based process review. Supported operations and sales stakeholders with clear backlog, forecast, capacity, shortage, and schedule attainment information.

- Translated demand, routing requirements, labor, equipment, and material status into weekly schedules.
- Monitored **production logs** and MRP transactions, then coordinated recovery before shipment dates slipped.
- Built recurring reports covering backlog, forecast changes, capacity loading, shortages, and schedule attainment.
- Provided customer facing teams with traceable order status and revised completion expectations.
- Compared recurring scheduling problems and proposed procedural changes that improved planning handoffs.
- Coached newer coordinators on schedule maintenance, MRP discipline, and escalation practices.

Production Planning Analyst, Configurable Industrial Products

October 2015 - June 2017

Valley Industrial Controls

Florence, Alabama

Supported planners for configurable industrial products through **manufacturing resource planning** data maintenance, exception reporting, material review, and **production status** analysis. Built practical knowledge of JIT, pull concepts, business applications, customer communication, and continuous improvement.

- Maintained production requirements, order priorities, material dates, and work center data in MRP.
- Compared demand with inventory, open supply, routings, and capacity to flag timing conflicts.

- Reviewed specifications and engineering documentation for material changes affecting schedules and purchasing.
- Prepared daily status and exception reports supporting sequencing decisions and late component escalation.
- Investigated order, inventory, and production discrepancies before recommending planning data corrections.
- Supported planners with business applications, **customer communication**, and **continuous improvement** assignments.

PROJECTS

Integrated Capacity and Backlog Review 📅 2024

Created a decision ready planning view combining backlog, forecasts, capacity, material risk, and performance to plan for recurring operations reviews.

Pull Signal Replenishment Study 📅 2022

Evaluated selected replenishment flows using pull system and JIT concepts, then recommended clearer material signals and reduced queueing.

LEADERSHIP & AWARDS

- APICS CPIM achievement recognized for applied planning and inventory management knowledge.
- Volunteer Mentor, APICS Regional Manufacturing Planning Roundtable, supporting peer development and practical planning discussions.
- Functional planning leadership recognized through mentoring, cross functional issue resolution, and continuous improvement project guidance.

EDUCATION

Bachelor's Degree in Business Administration

2015

University of Alabama in Huntsville GPA: 0

Huntsville, Alabama

Coursework: Operations management, business analytics, supply chain management, organizational leadership

CERTIFICATIONS

- APICS Certified in Planning and Inventory Management, CPIM 📅 2018
- APICS Supply Chain Learning and Development 📅 2018

TECHNICAL SKILLS

- **Planning Systems:** MRP, manufacturing resource planning, MRP exception messages
- **Business Applications:** Microsoft Excel, production databases, reporting software
- **Production Control:** Master schedules, production logs, schedule attainment
- **Demand Planning:** Forecasting, backlog analysis, business plan review
- **Capacity Planning:** Work center capacity, equipment loading, labor planning
- **Material Planning:** Bills of material, raw materials, shortage reports
- **Operations Planning:** Sales and Operations Planning, production requirements, performance to plan
- **Lean Manufacturing:** JIT, pull systems, replenishment signals
- **Manufacturing Documentation:** Engineering specifications, engineering changes, product requirements
- **Aerospace Compliance:** Aerospace industry requirements, federal regulations, state regulations
- **Data Analysis:** Comparative analysis, exception reporting, root cause analysis
- **Customer Operations:** Production status, shipping information, returned material coordination

SKILLS

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|-----------------------|-------------------------|-------------------|---------------------------|
| • Master scheduling | • Material requirements | • Pull systems | • Customer communication |
| • Production planning | • Backlog analysis | • S&OP | • Complex problem solving |
| • MRP systems | • Forecasting | • Production logs | • Mentoring |
| • Capacity planning | • JIT | • Policy analysis | |

PROFESSIONAL AFFILIATIONS

- APICS Regional Manufacturing Planning Roundtable volunteer mentor.
- Professional participant in manufacturing publications, planning workshops, and industry knowledge exchanges.

LANGUAGES

- English (Native)
- Spanish (Beginner)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST