



PRECIPART®

Aviation and Aerospace

BATCH NUMBER
IDENTIFICATION
AREA

CUSTOMER P/N
IDENTIFICATION
AREA

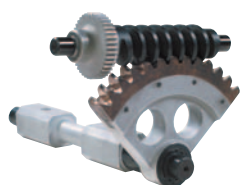


CUSTOMER REV. LEVEL
IDENTIFICATION
AREA

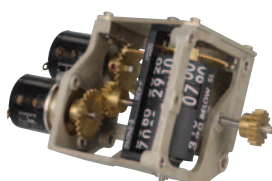


Precipart is committed to quality, efficiency, and precision in aviation and aerospace – enhancing lives through innovative solutions.SM

We engineer, design, and manufacture a full range of precision gears, geared assemblies, and motion control products and solutions for aerospace applications. For almost four decades, our innovative and high-performance components have continued to circle the globe. Our expertise and experience provide precision solutions with proven results.



Geared Assemblies



Complex Counter Assemblies



Worm and Helical Gears



Custom Gear Box



Custom Speed Reducer



Bevel Gears



Jack Screws



Sector Gears



Custom Speed Reducer

From design and engineering to prototyping and production, Precipart does it all.

Through our unparalleled expertise and experience, Precipart develops and produces some of the most revolutionary aerospace components for precision control and measurement, in this world and beyond.

- Wing flap, trim, and landing light controls
- Cabin pressure and humidity control systems
- Cockpit instrumentation
- Cargo handling systems
- Actuated doors and articulated systems
- Interior and exterior lighting controls
- Electronic braking systems

1 A comprehensive range of products & solutions.

A full suite of technical capabilities is at your disposal.

- Precision gears in diameters from 0.24" (6 mm) to 4.00" (101.66 mm)
- Products made from a wide range of ferrous and nonferrous materials
- Diametral pitch in various gear types from 16 to 200
- Gear quality up to AGMA Q12 or AGMA 2015/ISO Class 5
- Custom gear, mechanical, and electromechanical assemblies

2 Complete engineering support from concept to production process manufacturing

- Feasibility studies and analysis
- Design engineering with a focus on manufacturability
- Prototyping, validation, and optimization

3 Quality management systems that set us apart

Certified to AS9100 with capabilities including FMEA (PFMEA, DFMEA), controls plans, and wireless statistical process control (SPC).

4 Six Sigma for lean manufacturing practices that save time and money

With a dedicated continuous improvement team focused on conducting Kaizen events, we utilize our expertise in value stream mapping, Pareto analysis, Poka-Yoke, Spaghetti Diagrams, 5S, paperless manufacturing, and electronic documentation.

The Precipart Promise

We welcome complex challenges and always seek to deliver products of integrity that are defect free, on time, and within budget. Let us precision-fit a solution for your unique product needs.

What can we design and build for you?



PRECIPART®

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Certifications:
ISO 13485
ISO 9001