

**Put Over 50 Years of
Aerospace Ball Screw
Overhaul Experience
to Work for You**



- *Reduce Aircraft Downtime*
- *Save Up to 50% Compared to New Ball Screws*
- *Extend Ball Screw Service Life*
- *Reduce Overall Life Cycle Cost*

 **THOMSON SAGINAW**
BALL SCREW COMPANY, LLC

At Thomson Saginaw, the expert ball screw overhaul service you receive in our FAA approved repair station is backed by over 50 years' experience in designing and manufacturing. Our aerospace engineers and repair technicians will restore your worn ball screw assemblies to original specifications to provide the highest reliability and lowest cost for your ball screw maintenance. With our overhaul service, you will:

- Reduce aircraft downtime
- Save 35-50% compared with the cost of new ball screws
- Extend ball screw service life
- Reduce overall life-cycle cost.

Service

We recognize the high cost of aircraft downtime. Our overhaul station is geared to putting your aircraft back into revenue production as quickly as possible. To help assure this happens, we can:

- Maintain an inventory of new and overhauled assemblies
- Provide exchange units in advance where required
- Provide a firm, fixed price contract for overhaul work
- Provide a three-year warranty on all rebuilt assemblies and a five-year warranty on new ones.

Experience

Our engineers, metallurgists, production specialists and customer service representatives provide you the industry's most reliable overhaul service. To assure the reliability of your overhauled assembly, they will check returned units for:

- Straightness
- Ball groove form
- Wear
- Metal fatigue
- Chrome coverage
- Damaged bearings and attachment points



Capabilities

Once the inspection is complete, we will rebuild your assembly per the overhaul manual specification. The overhauled unit includes:

- Eddy current inspection
- Chrome strip and replate
- Replacement of worn components
- Efficiency testing
- Lash testing
- Wiper drag testing
- Lubricant retention



An ISO 9001 Registered Facility



Results

The results of our overhaul service are assemblies that meet the same stringent performance criteria as new assemblies. They are promptly returned to you with a three year warranty covering any defects in material or workmanship.



Special Programs

To enhance and support your maintenance programs, Thomson Saginaw offers a broad range of special programs

- Evaluation of special repair opportunities to salvage screws that otherwise might be beyond repair
- Advanced ball screw exchange programs to minimize aircraft downtime
- Custom tailored exchange programs to minimize your inventories of assemblies and components
- Full traceability of all products shipped and returned
- Aerotech Training sessions to keep your staff up to date on the latest advancements in ball screw design and maintenance



Boeing 747 Trailing Edge Flap Drive Ball Screw



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Our Commitment To You

Late 1988, marked the completion of our new 190,000 square foot world headquarters in Saginaw, Michigan.

This facility is home to Thomson Saginaw's Design Engineering, Manufacturing, Metallurgy, Testing and Product Development. Your airline ball screws are evaluated and overhauled in this same superior quality oriented environment.

Our commitment to and expertise in ball screw reconditioning for the aerospace industry is just one more reason why Thomson Saginaw is today's choice in linear actuator technology.

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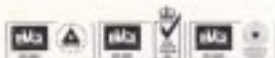
In U.S.A.: ☎ 1-517-776-0042

Fax: 1-517-776-3632

SITA: MBSTSCR

Internet: <http://www.thomsonind.com>

E-mail: aero@thomsonmail.com



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Thomson Industries, Inc.
2 Channel Drive, Port Washington, NY 11050, U.S.A.

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