

JET ENGINE ASSEMBLY CARTS

Middletown, Connecticut
1993

Unique two piece carts have been in service at this manufacturing plant for over eight years, enabling aircraft engines of various sizes to ride through assembly. The cart halves, each with four low-height swivel style Hilman Rollers attached, ride on imbedded rail tracks. The system is not only high capacity, it is easy on the workers because the Rollers keep the engines at a conveniently low working height.

Even though the production lines are straight, occasionally an engine must be removed from the line to be inspected or to allow a faster moving assembly to proceed through the line. The swivel tops of the Rollers facilitate this process: the carts can have their guidance system disengaged and the Rollers turned, allowing the engine under construction to be removed from the line.



**HILMAN
ROLLERS**

www.hilmanrollers.com

12 Timber Lane • Marlboro, NJ 07746 USA

Tel: 732.462.6277 Fax: 732.462.6355

e-mail: sales@hilmanrollers.com

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