



Cargo Handler Killed By Airplane Tail Stand Tip-Over During Transport

What Happened



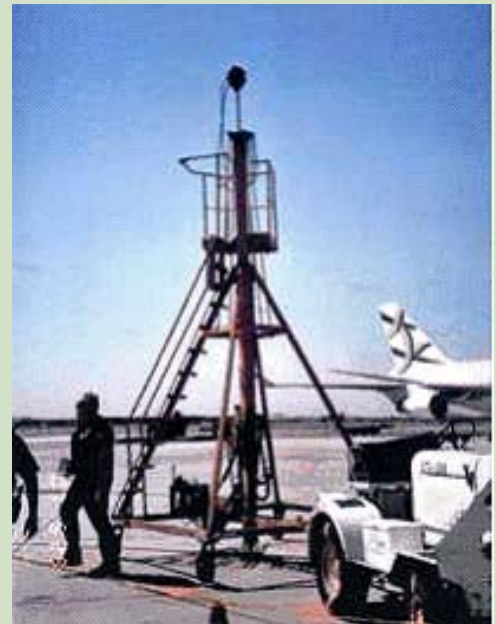
An airplane tail stand (pictured below) tipped over, resulting in the death of a cargo handler at a New Jersey airport. The worker was towing the tail stand with a cargo tug vehicle (pictured on left). The support pad of the tail stand's central stabilizer, which was left in the down position, caught the edge of a slightly raised manhole cover. This caused the 1,750-pound tail stand to tip forward and strike the cargo handler, pinning him to the steering wheel of the tug.

What Can Be Done to Prevent This from Happening Again

- ✓ Raise the central stabilizer of the tail stand completely before attempting to move it.
- ✓ Learn how to safely handle and move tail stands and other large equipment.
- ✓ Read warning labels on all equipment before use.
- ✓ Tell your foreman or supervisor about:
 - any near-miss incidents
 - damaged equipment
 - missing warning labels
 - other potential problems

IT CAN SAVE A LIFE!

See back for Resources.



Tail stand and cargo tug



Close-up of central stabilizer support pad in down position



Jon S. Corzine
Governor

Public Health Services Branch
Division of Epidemiology, Environmental and Occupational Health
Occupational Health Service
Occupational Health Surveillance Program
Phone: (609) 984-1863
E-mail: surveillance@doh.state.nj.us
Web site: www.nj.gov/health/survweb



Heather Howard
Commissioner

Resources

- NJ Department of Labor and Workforce Development – Occupational Safety & Health On-Site Consultation Program: call 1-800-397-3346 for a free consultation or visit their Web site at: http://lwd.dol.state.nj.us/labor/lsse/employer/Occupational_Safety_and_Health_Onsite_Consultation_Program.html.
- Flight Safety Foundation – Ground Accident Prevention (GAP) and other safety programs. Visit their Web site at: <http://www.flightsafety.org/gap.html>.
- National Air Transportation Association's Airline Services Council (NATA-ASC). Visit their Web site at: <http://www.nata.aero>. OSHA has formed an alliance with NATA-ASC to promote workplace safety in airport operating areas. For more details, visit the OSHA Web site at: http://www.osha.gov/dcsp/alliances/nata_asc/nata_asc_20050209_final.html.
- Federal Aviation Association (FAA) – Airport Safety. Visit their Web site at: http://www.faa.gov/airports_airtraffic/airports/airport_safety.



The New Jersey Department of Health & Senior Services, in conjunction with the National Institute for Occupational Safety and Health (NIOSH), is currently conducting a research study of fatal work-related injuries. This project, known as FACE (Fatality Assessment and Control Evaluation), seeks to identify the factors that contribute to work-related injuries. The FACE study will help in the development and use of improved safety measures for preventing injuries.

This bulletin is also available on the FACE Web site at www.nj.gov/health/surv/face.shtml. If you have any comments or questions, or need additional copies of this bulletin, please contact the FACE Project Coordinator or via e-mail at surveillance@doh.state.nj.us or by calling (609) 984-1863.