



National Transportation Library (NTL)

Research and Innovative
Technology
Administration (RITA)
USDOT

Agenda

- History of the NTL
- Reference Service
- Technical Services
- Questions

History of the National Transportation Library

- Established in 1998 under the Bureau of Transportation Statistics (BTS)
- Transportation Equity Act for the 21st Century (TEA-21) established the NTL

Norman Y. Mineta Research and Special Programs Improvement Act

November 30, 2004

- Pipeline and Hazardous Materials Safety Administration (PHMSA)
- Research and Innovative Technology Administration (RITA)

National Transportation Library Mandate

- Establish and maintain a collection of information necessary for transportation decision-making at the Federal, State, and local levels.



NTL Mandate

- Make transportation information easily accessible
- Work with other transportation libraries

National Transportation Library Mission

The NTL's mission is to increase timely access to the information that supports transportation policy, research, operations, and technology transfer activities.

A virtual library located on the web at
<http://ntl.bts.gov>



Site Navigation

- [About the NTL](#)
- [Transportation Information Resources](#)
- [Reference Sources](#)
- [Ask-A-Librarian](#)
- [Frequently Asked Questions](#)

Quick Links

- [NTL Catalog](#)
- [TRIS Online](#)
- [TLCat](#)
- [TranStats](#)
- [Rural and Agricultural Transportation: Data & Information Resources](#)
- [RESEARCH & PROGRESS](#)
- [FIRSTGov](#)

Welcome to the National Transportation Library, a virtual library for the transportation community.

[Thesaurus DEMONSTRATION - TRT](#)

This is a demonstration of web access to the **Transportation Research Thesaurus (TRT)**, a product of the Transportation Research Board's NCHRP Project 20-32. The TRT is widely used in the transportation community as a tool for access to information. This Demo enables browsing and searching this hierarchical vocabulary.

[Transportation Information Resources](#)

- Technical, research and policy documents.
- Links to government and other significant websites and documents.
- Books, technical reports, conference proceedings, journal articles and on-going research in the field of transportation
- Current or recently completed transportation research projects
- Intermodal transportation data sets

[Reference Sources](#)

- Sources of Transportation Information - topical bibliographies
- Transportation definitions and acronyms
- Transportation directories - libraries, associations, and state departments

Reference Service

- Over 300 email and telephone requests received each day
- 99 percent of questions answered within 48 hours
- Volume of information requests has increased 20% over the past year

Reference Service - Frequently Asked Questions

The screenshot shows a web browser window displaying the National Transportation Library (NTL) website. The page title is "NTL FAQ Frequently Asked Questions". The website header includes the NTL logo, navigation links (Home, FAQs, Site Search, Contact, Privacy Policy, Accessibility), and a note that it is a program of the Bureau of Transportation Statistics, Research and Innovative Technology Administration. A "Comments about this page?" link is also present.

Site Navigation

- About the NTL
- Transportation Information Resources
- Reference Sources
- Ask-A-Librarian
- Frequently Asked Questions

Quick Links

- NTL • Catalog
- TRIS Online
- TLCat
- TranStats
- Rural and Agricultural Transportation: Data & Information Resources
- RESEARCH • PROGRESS
- FIRST GOV

DOT Areas & Services

- [Transport Security Info](#)
- [Airports & Airplanes](#)
- [Boats & Ships](#)
- [Cars, Bikes, & Pedestrians](#)
- [DOT News, Jobs, Business, Grants, & Contact Information](#)
- [Energy & Environment](#)
- [Freight: Truck, Air, Rail, Pipeline](#)
- [Highways & Bridges](#)
- [Laws & Regulations \(incl. drug/alcohol testing\)](#)
- [Safety & Hazardous Materials](#)
- [State, Regional, & Local Transportation Links](#)

NTL FAQ Frequently Asked Questions

Quick Answers

- Transport Security Information**
Where can I find information about new transportation security measures?
- Air Travel Tips**
Where can I find carry-on bag limits, screening and gate procedures, and a listing of prohibited and permitted items?
- Airline Complaint**
How do I file a complaint against an airline?
- Aviation Regulations/Forms**
Where can I find FAA publications & forms?
- Careers in Transportation**
How do I prepare now for a future career in transportation?
- Highway (FHWA) Publications**
Where can I order a FHWA publication?
- Moving Company Information**
What do I need to know about moving & moving companies?
- New Rollover Ratings & Crash Test Results**
Where do I find rollover ratings for new cars?
- State DOTs**
How do I contact my state's Department of Transportation?
- TranStats Intermodal Transportation Database**
Where can I find .one stop shopping. for transportation data?

If the FAQs above or the links on the left to **DOT Areas & Services** don't lead you to the answer to your question:

- you can search all DOT web pages using the [DOT Search Engine](#)
- you can submit your question by e-mailing librarian@bts.gov

Reference Sources

The screenshot shows a web browser window displaying the National Transportation Library website. The browser's address bar is empty, and the toolbar includes standard navigation icons. The website header features the NTL logo on the left, which includes the text 'DEPARTMENT OF TRANSPORTATION' and 'UNITED STATES OF AMERICA'. To the right of the logo, the text 'National Transportation Library' is displayed in a large, green, serif font. Further right, a navigation menu contains links for 'Home', 'FAQs', 'Site Search', 'Contact', 'Privacy Policy', and 'Accessibility'. Below this menu, a smaller line of text identifies the site as a program of the 'Bureau of Transportation Statistics' and 'Research and Innovative Technology Administration', accompanied by a small logo. A blue banner at the bottom of the header contains a link for 'Comments about this page?'. The main content area is titled 'Reference Sources' and includes a breadcrumb trail: 'You are here: [NTL Home](#) / [Reference Sources](#)'. The content is organized into a list of four items, each with a green bullet point and a blue link title. The first item is 'The Reference Shelf', followed by 'Transportation Libraries Directory', 'NTL Reference Service', and 'Reference Librarians'. Each item has a short paragraph of descriptive text. On the left side of the page, there is a 'Site Navigation' sidebar with links for 'About the NTL', 'Transportation Information Resources', 'Reference Sources', 'Ask-A-Librarian', and 'Frequently Asked Questions'. Below this is a 'Quick Links' section with several buttons: 'NTL Catalog', 'TRIS Online', 'TLCat', 'TranStats', 'Rural and Agricultural Transportation: Data & Information Resources', 'RESEARCH & PROGRESS', and 'FIRST GOV'.

Home | [FAQs](#) | [Site Search](#) | [Contact](#) | [Privacy Policy](#) | [Accessibility](#)

A program of the [Bureau of Transportation Statistics](#)
[Research and Innovative Technology Administration](#)

[Comments about this page?](#)

Site Navigation
About the NTL
Transportation Information Resources
Reference Sources
Ask-A-Librarian
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Quick Links
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[Rural and Agricultural Transportation: Data & Information Resources](#)
[RESEARCH & PROGRESS](#)
[FIRST GOV](#)

You are here: [NTL Home](#) / [Reference Sources](#)

Reference Sources

- [The Reference Shelf](#)
This reference collection consists of major US Department of Transportation and other resources that provide an overview of the transportation system and the transportation community.
- [Transportation Libraries Directory](#)
In addition to the [USDOT Library](#), and the [Volpe National Transportation Systems Center Library](#), use this Directory of Transportation Libraries to locate other useful transportation libraries.
- [NTL Reference Service](#)
Ask our reference librarians for research assistance via [E-mail](#), or Browse through our FAQs database or select a Quick Answer from [this page](#):
- [Reference Librarians](#)
Contact a National Transportation Library or other staff person for assistance. We suggest you try the other resources on this page before sending your questions. Current turn-around times for questions submitted are about 24-hours for statistical questions and 2 to 3 business days for other questions.

Reference Shelf

The screenshot shows a web browser window displaying the National Transportation Library's Reference Shelf page. The browser's address bar is empty, and the page title is "National Transportation Library". The page features a blue header with the NTL logo and navigation links: Home, FAQs, Search, Contact, Privacy Policy, and Accessibility. Below the header, a blue bar contains a link to "Comments about this page?". The main content area is titled "Reference Shelf" and lists ten resources in two columns. A left sidebar contains "Site Navigation" links and logos for FirstGov, the White House, and USA Freedom Corps. The browser's taskbar at the bottom shows several icons, including the Start button and various application windows.

Site Navigation

- About the NTL
- Digital Collection
- Reference Sources
- Ask-A-Librarian

Logos: FIRSTGOV, The White House, USA Freedom Corps

Navigation: Home | [FAQs](#) | [Search](#) | [Contact](#) | [Privacy Policy](#) | [Accessibility](#)

A program of the Bureau of Transportation Statistics

[Comments about this page?](#)

You are here: [NTL Home](#) / [Reference Sources](#) / [Reference Shelf](#)

Reference Shelf

- [The Changing Face of Transportation](#)
- [Sources of Information in Transportation. Topical Bibliographies.](#)
- [Directory of State Departments of Transportation](#) (Department of Transportation)
- [State Legislative Fact Sheets on Highway Safety Issues](#) (National Highway Traffic Safety Administration)
- [Directory of Transportation Associations, Societies, and Unions](#) (Bureau of Transportation Statistics/NTL)
- [Surface Transportation Research and Development Plan](#)
- [Docket Management System \(DMS\)](#) (Department of Transportation)
- [Traffic Safety Digest](#) (National Highway Traffic Safety Administration)
- [Transit Services by City, County, or Region](#) (Federal Transit Administration)
- [FTA TRANSIT Research &](#)

Transportation Libraries Directory

Introduction

This seventh edition marks a departure from previous Directories. First of all this edition is accessible via the World-Wide Web at the US DOT Bureau of Transportation Statistics' web site. Entries can be searched directly, browsed or downloaded. A second change is the inclusion of libraries outside of the United States and Canada. Libraries from Europe, Australia and New Zealand, Asia, South and Central America are listed. This is by no means a complete listing of transportation libraries, but it is a start. As with earlier editions, entries provide address and contact information, collection size and scope, and now will link to each library's Web presence, if available.

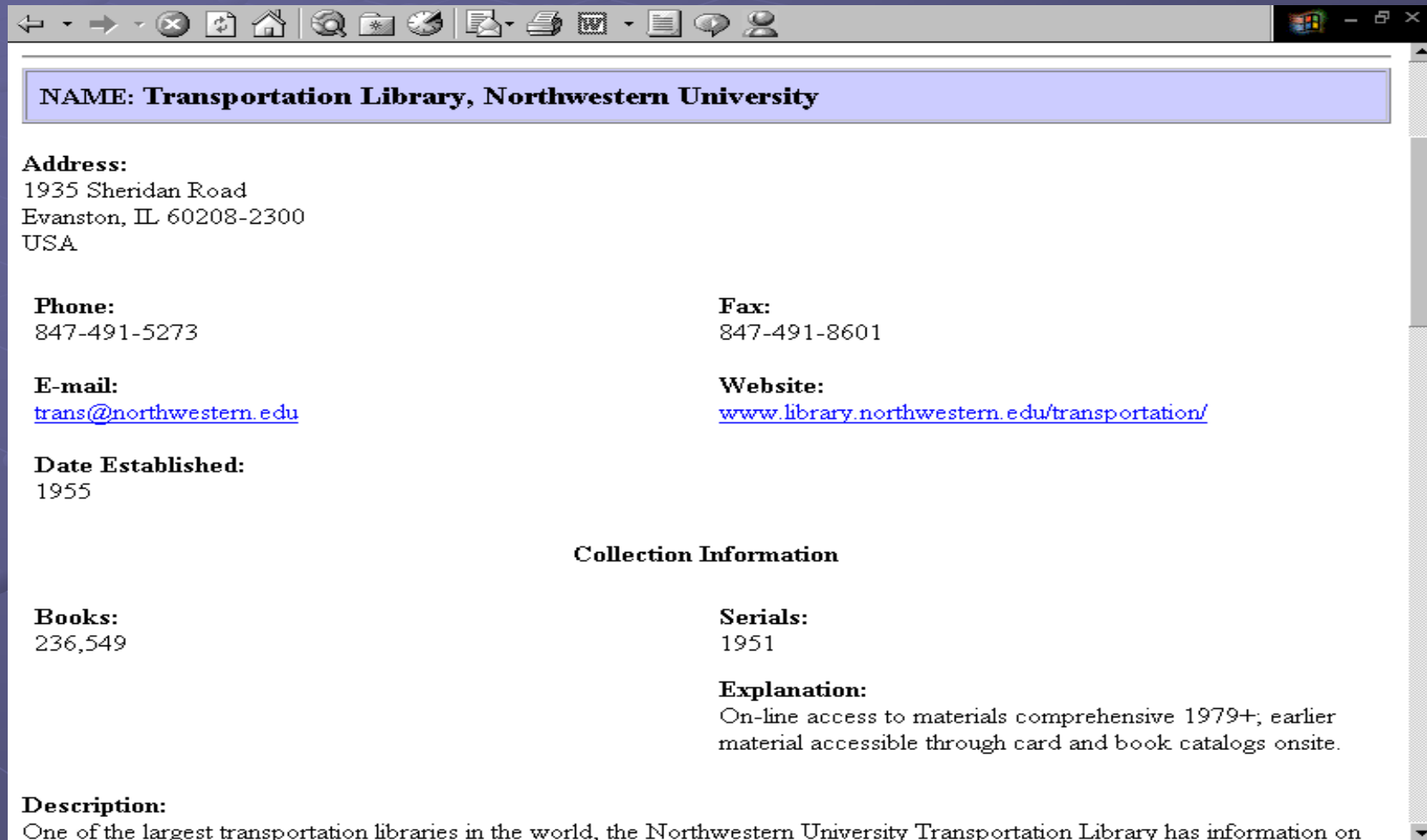
If there is an error in the record or an update is desired, please forward changes or additions to me. Moreover, if a library is omitted, please contact me and I will be happy to add it.

[Susan C. Dresley](#)

Libraries

[AASHTO Information Center](#)
[Aerostructures Corporation Technical Library \(The\)](#)
[Air Transport Association of America Library](#)
[Alaska Transportation Technology Transfer Center Library](#)
[Allison Transmission Library](#)
[American Honda Motor Co., Inc. Library & Information Services](#)
[American Public Transportation Association Information Center](#)
[Arizona Transportation Research Center Library](#)
[ARRB Transport Research Ltd \(M G Lay Library\)](#)
[Association of American Railroads Information Resource Center](#)
[Australian Maritime College Library](#)
[Aviation Technical Reference Centre, Atlantic Region](#)
[BART Technical Resources Library](#)
[Biblioteca del Departamento de Ingenieria de Transporte, Pontificia Universidad Catolica de Chile](#)
[Bibliotheque/Centre de documentation de l'INRETS](#)
[Bell Helicopter Textron](#)
[Boeing Air Traffic Management Library](#)
[British Columbia Ferry Corporation Library](#)

Transportation Libraries Directory



← → × ↻ 🏠 🔍 📁 🌐 📧 📄 📖 📄 🗨️ 👤

NAME: **Transportation Library, Northwestern University**

Address:
1935 Sheridan Road
Evanston, IL 60208-2300
USA

Phone:
847-491-5273

Fax:
847-491-8601

E-mail:
trans@northwestern.edu

Website:
www.library.northwestern.edu/transportation/

Date Established:
1955

Collection Information

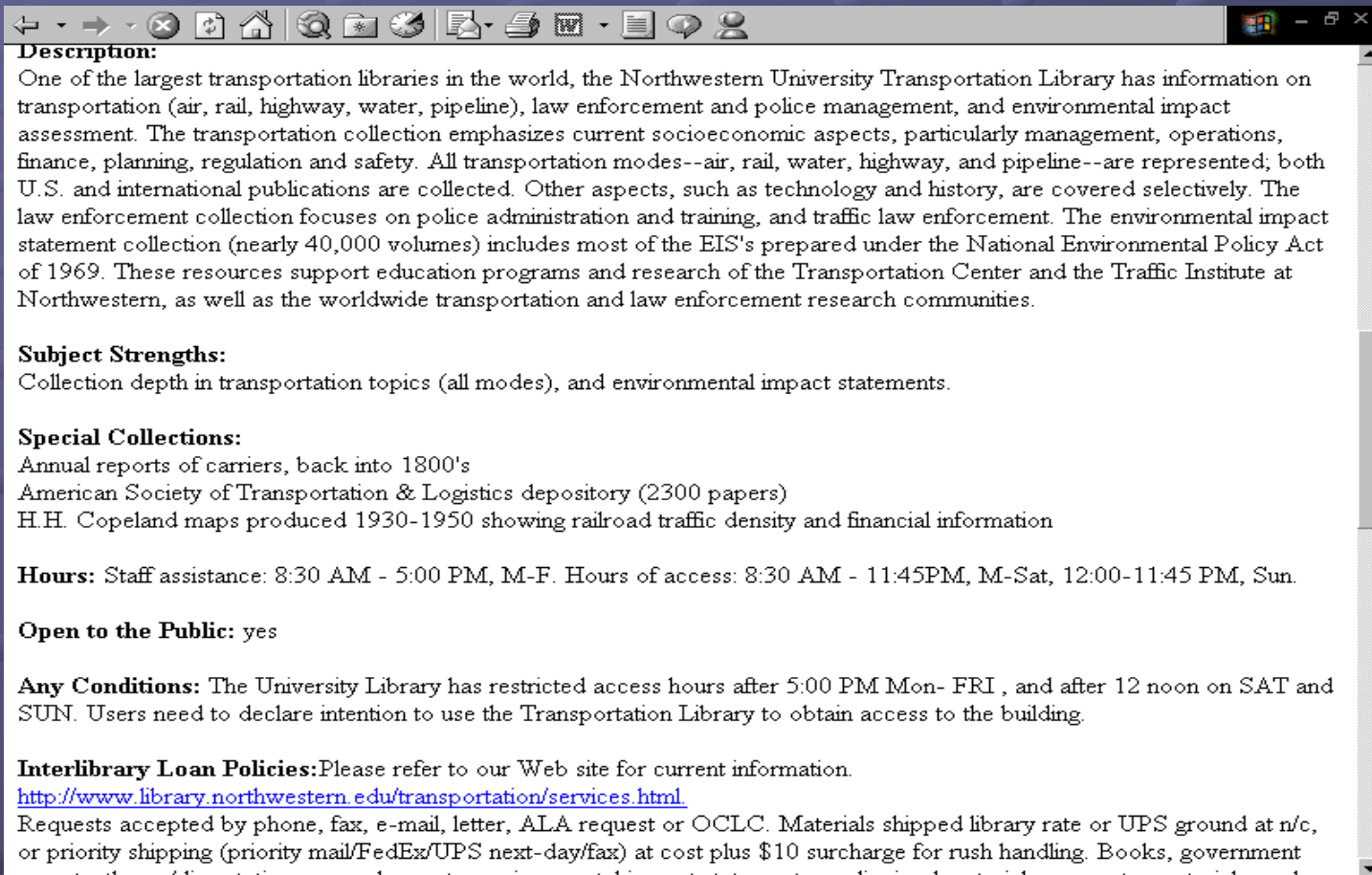
Books:
236,549

Serials:
1951

Explanation:
On-line access to materials comprehensive 1979+; earlier material accessible through card and book catalogs onsite.

Description:
One of the largest transportation libraries in the world, the Northwestern University Transportation Library has information on

Transportation Libraries Directory



Description:
One of the largest transportation libraries in the world, the Northwestern University Transportation Library has information on transportation (air, rail, highway, water, pipeline), law enforcement and police management, and environmental impact assessment. The transportation collection emphasizes current socioeconomic aspects, particularly management, operations, finance, planning, regulation and safety. All transportation modes--air, rail, water, highway, and pipeline--are represented; both U.S. and international publications are collected. Other aspects, such as technology and history, are covered selectively. The law enforcement collection focuses on police administration and training, and traffic law enforcement. The environmental impact statement collection (nearly 40,000 volumes) includes most of the EIS's prepared under the National Environmental Policy Act of 1969. These resources support education programs and research of the Transportation Center and the Traffic Institute at Northwestern, as well as the worldwide transportation and law enforcement research communities.

Subject Strengths:
Collection depth in transportation topics (all modes), and environmental impact statements.

Special Collections:
Annual reports of carriers, back into 1800's
American Society of Transportation & Logistics depository (2300 papers)
H.H. Copeland maps produced 1930-1950 showing railroad traffic density and financial information

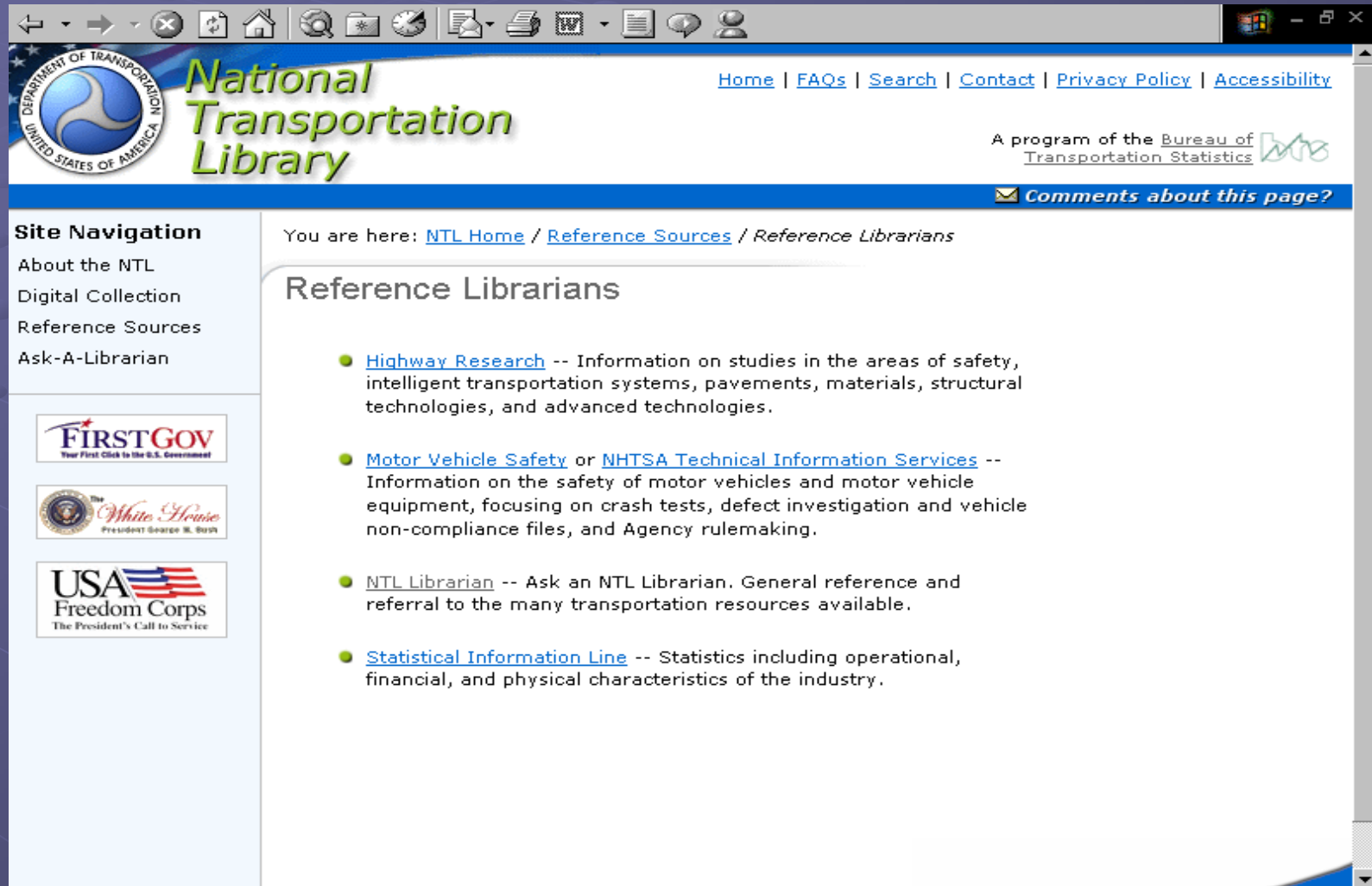
Hours: Staff assistance: 8:30 AM - 5:00 PM, M-F. Hours of access: 8:30 AM - 11:45PM, M-Sat, 12:00-11:45 PM, Sun.

Open to the Public: yes

Any Conditions: The University Library has restricted access hours after 5:00 PM Mon- FRI , and after 12 noon on SAT and SUN. Users need to declare intention to use the Transportation Library to obtain access to the building.

Interlibrary Loan Policies:Please refer to our Web site for current information.
<http://www.library.northwestern.edu/transportation/services.html>
Requests accepted by phone, fax, e-mail, letter, ALA request or OCLC. Materials shipped library rate or UPS ground at n/c, or priority shipping (priority mail/FedEx/UPS next-day/fax) at cost plus \$10 surcharge for rush handling. Books, government reports, theses/dissertations, annual reports, environmental impact statements, audiovisual materials, current materials, and

Reference Librarians



The screenshot shows a web browser window displaying the National Transportation Library website. The browser's address bar is empty, and the toolbar includes standard navigation icons. The website header features the Department of Transportation logo on the left, the text 'National Transportation Library' in a large green font, and a navigation menu with links for Home, FAQs, Search, Contact, Privacy Policy, and Accessibility. Below the header, a blue banner contains the text 'A program of the Bureau of Transportation Statistics' and a 'Comments about this page?' link. The main content area is titled 'Reference Librarians' and includes a breadcrumb trail: 'You are here: [NTL Home](#) / [Reference Sources](#) / [Reference Librarians](#)'. The page lists four reference services:

- [Highway Research](#) -- Information on studies in the areas of safety, intelligent transportation systems, pavements, materials, structural technologies, and advanced technologies.
- [Motor Vehicle Safety](#) or [NHTSA Technical Information Services](#) -- Information on the safety of motor vehicles and motor vehicle equipment, focusing on crash tests, defect investigation and vehicle non-compliance files, and Agency rulemaking.
- [NTL Librarian](#) -- Ask an NTL Librarian. General reference and referral to the many transportation resources available.
- [Statistical Information Line](#) -- Statistics including operational, financial, and physical characteristics of the industry.

On the left side of the page, there is a 'Site Navigation' menu with links for 'About the NTL', 'Digital Collection', 'Reference Sources', and 'Ask-A-Librarian'. Below the menu are three logos: 'FIRST GOV Your First Click to the U.S. Government', 'The White House President George W. Bush', and 'USA Freedom Corps The President's Call to Service'.

Current NTL Initiatives

- Creating partnerships with transportation libraries
- Transportation Union Catalog
- Partnership with State DOT Libraries in Midwest

Midwest Transportation Knowledge Network

- 3 Universities
- 1 Engineering Firm
- 11 State DOT libraries
- “Pooled Funds” state initiative led by Wisconsin involving 9 states.



libraries

MIDWEST TRANSPORTATION KNOWLEDGE NETWORK

collaboration

practitioners

- [TRIS Online](#)
- [Research in Progress](#)
- [National Transportation Library](#)

Our Mission:
Increase collaboration among the region's transportation libraries and information centers so managers, engineers and planners are better able to find and apply the most recent, credible, and validated technical information to their current projects.

TLCAT union catalog

- 21 Transportation Libraries
- Primarily funded by NTL
- OCLC Group Services



Transportation Libraries Catalog Basic Search

- Enter search terms in one or more boxes and click on **Search**.

[Databases](#)

Searching

[Staff View](#) | [My Account](#) | [Options](#) | [Comments](#) | [Exit](#) | [Hide tips](#)

[Basic Search](#)

[Advanced Search](#)

[Expert Search](#)

[Previous Searches](#)

Go to page

Current database: **Transportation Libraries Catalog**



Search in database:

TLCat
 OCLC catalog of transportation-related books and other materials held in government, university and other transportation libraries
 Limit to:

Keyword

Author

Title

ISBN

(format: NNNNNNNNNN)

Year

(format: YYYY-YYYY)

WORKING SMARTER

A tutorial brought to you by:

- the Midwest Transportation Knowledge Network,
- the National Highway Institute, and
- the National Transportation Library.



*National
Transportation
Library*



- Home
- About NHI
- Directions
- F A Q s
- Download Center
- Search
- What's New

- Privacy Notice
- Disclaimer
- Site Map
- Feedback



View of scheduled conference in detail

This is a Training Event with open slots = 0

Preferred Title for the Conference:	How to Search TL Cat and TRIS Online
Conference Host's Name:	Roger Garren
Start Date:	2/23/2005
Start Time:	2:00 PM
End Time:	3:30 PM
Contact's Name: (Person setting up the call)	Jennifer Pimentel
Contact's Email:	jennifer.pimentel@fhwa.dot.gov
Contact's Phone Number:	703-235-0008
Conference Phone Number:	1-888-790-9562, passcode 30791
No. of connections:	25
Learner registration required?	Yes
Status:	Confirmed
Description:	This course provides hands-on interactive training in how to search the digital Transportation Libraries Catalog (TL Cat) and the Transportation Research Information Services (TRIS)

What is in the Virtual
Library?

How does it get there?

How do you find it?

Technical Services

- Collection Development

- Acquisitions
- Digital document management

- Metadata Management (technology and content)

- Web Publishing

U.S. Department of Transportation

[Bureau of Transportation Statistics](#)



TRIS Online v2.7

Search Entry



- [Accessibility](#)
- [About](#)
- [Search](#)
- [Questions](#)
- [Help](#)

TRIS Online contains 508,765 records of published transportation research and has been updated through 05/01/05 [Details...](#)

Search For: [Tips](#)

Search In:

<input checked="" type="checkbox"/> Article or Book Title	<input checked="" type="checkbox"/> Keyword	<input type="checkbox"/> Organization or Corporate Authors
<input checked="" type="checkbox"/> Abstract	<input type="checkbox"/> Authors	<input type="checkbox"/> Journal Title or Conference Title

Search Period: All Last year Last 5 years Last 10 years

Search by Year: From To

Search By: Accession Number

Search the [TRB Research in Progress \(RIP\) Database](#) for current research projects.
Search the [International Transport Research Documentation \(ITRD\) Database](#) for international material.

TRIS is a bibliographic database funded by sponsors of the [Transportation Research Board \(TRB\)](#), primarily the state departments of transportation and selected federal transportation agencies. TRIS Online is hosted by the [National Transportation Library](#) under a cooperative agreement between the [Bureau of Transportation Statistics](#) and TRB.
TRIS Online uses session cookies to track your search request as you move from one result page to another.



Criteria: **TERRORISM**
Search Period: 2000 - present
Sort: **PUBDATE**
Display: 1-10 of 622

[Next Page](#) [Printer Friendly Page](#)

BASKET Add Add All Documents


0 item(s) are in the BASKET [Max 5000].

Select the items below by checking the boxes, then select a function from the BASKET CONTROL panel above.

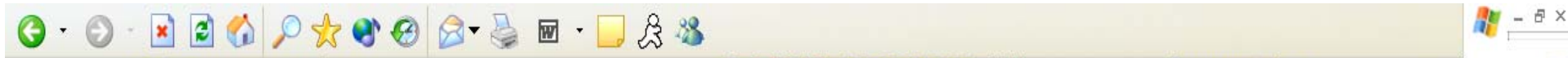
Select/Deselect all displayed items

Pages: [1](#) | [2](#) | [3](#) | [4](#) | [5](#) | [6](#) | [7](#) | [8](#) | [9](#) | [10](#) | [11](#) | [12](#) | [13](#) | [14](#) | [15](#) | [16](#) | [17](#) | [18](#) | [19](#) | [20](#) | [21](#) | [22](#) | [23](#) | [24](#) | [25](#) | [26](#) | [27](#) | [28](#) | [29](#) | [30](#) | [31](#) | [32](#) | [33](#) | [34](#) | [35](#) | [36](#) | [37](#) | [38](#) | [39](#) | [40](#) | [41](#) | [42](#) | [43](#) | [44](#) | [45](#) | [46](#) | [47](#) | [48](#) | [49](#) | [50](#) | [51](#) | [52](#) | [53](#) | [54](#) | [55](#) | [56](#) | [57](#) | [58](#) | [59](#) | [60](#) | [61](#) | [62](#) | [63](#) | [Next Page](#)
| [1..63](#) |

AN: 00988130 [AVIATION SECURITY: SECURE FLIGHT DEVELOPMENT AND TESTING UNDER WAY, BUT RISKS](#)

[SHOULD BE MANAGED AS SYSTEM IS FURTHER DEVELOPED](#)  [PDF](#)

03/00/2005



[Accessibility](#)

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Results](#)

[Printer Friendly Page](#)

Criteria: **TERRORISM** Search Period: 2000 - present

ID: 00988130

Title: AVIATION SECURITY: SECURE FLIGHT DEVELOPMENT AND TESTING UNDER WAY, BUT RISKS SHOULD BE MANAGED AS SYSTEM IS FURTHER DEVELOPED

Language: English

Publication Date: 03/00/2005

Pagination: 85p

Report No: GAO-05-356

Features: FIGS: 4 Fig. TABS: 5 Tab. APPS: 3 App.

Publisher/Corporate Author(s):

Government Accountability Office
441 G Street, NW
Washington, DC 20548
USA

Abstract:

Among its efforts to strengthen aviation security, the Transportation Security Administration (TSA) is developing a new passenger prescreening system-known as Secure Flight. As required by Congress, TSA is planning to assume, through Secure Flight, the prescreening function currently performed by the air carriers. This report assesses the (1) status of Secure Flight's development and implementation, (2) factors that could influence the effectiveness of Secure Flight, (3) processes used to oversee and manage the Secure Flight program, and (4) efforts taken to minimize the impacts on passengers and protect passenger rights. In conducting this assessment,

A Virtual Library

- The Digital Collection
- The Portal Collection
- Specialized metadata schema

What is in the Digital Collection?

- A Digital Archive.
 - State DOT reports.
 - 9,000 NTIS documents.
 - Other digital documents.
 - BTS and USDOT e docs.

What is in the Portal Collection?

- USDOT websites
- State DOT websites
- Transportation sites
 - Associations
 - Research Centers
- Repository sites
- Electronic documents

The Metadata Repository: Dublin Core

- TITLE
- AUTHOR
- THESAURUS (TRT) KEYWORD
- SUBJECT/KEYWORDS
- PUBLISHER
- FORMAT
- SOURCE
- TRIS ACCESSION NUMBER

- ### Site Navigation
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 - Ask-A-Librarian
 - Frequently Asked Questions

- ### Quick Links
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 -  TRIS Online
 -  TLCat
 -  TranStats
 -  Rural and Agricultural Transportation:
Data & Information Resources
 -  RESEARCH & PROGRESS



You are here: [NTL Home](#) / [Digital Collection](#) / [Metadata](#)

Digital Collection - Metadata View

Title:	A Practical Use of Axlebox Acceleration to Control the Short Wave Track Irregularities
Author:	Sunaga, Yoichi; Sano, Isao; Ide, Torasaburo
TRT Keywords:	Electric trains; High speed trains; Railroad tracks; Wear; Maintenance of way
Subject Keywords:	Axlebox acceleration; Wheel load fluctuation; Shinkansen track; Track irregularities; Rail roughness; Japan
Abstract:	To maintain good quality of Shinkansen track, it becomes important to restrict a steady increase in wheel load fluctuation caused by rail surface roughness or inequality of supporting system with an increase in the maximum train speed. Track Geometry Car, however, which is now working for daily maintenance utilizing longitudinal level defect as the index, cannot detect such short wave track irregularities. So, a measurement using the axlebox acceleration is proposed to evaluate wheel load fluctuation. Data analyses of field tests show that this measurement is more efficient, though several technical conditions are needed to inspect defective spots. This paper describes a method to identify the cause of wheel load fluctuation by analyzing axlebox acceleration considering its typical frequency.
Other contributors:	
Date:	1997
Resource type:	Research Paper
Format:	HTML
Resource Identifier:	http://www.rtri.or.jp/infoce/wcrr97/B272/B272.html

NTL • Catalog

TRIS Online

TLCat 

TranStats

Rural and Agricultural Transportation:
Data & Information Resources

RESEARCH • PROGRESS


Your First Call to the U.S. Government


President George W. Bush


The President's Call to Service

Abstract:	To maintain good quality of Shinkansen track, it becomes important to restrict a steady increase in wheel load fluctuation caused by rail surface roughness or inequality of supporting system with an increase in the maximum train speed. Track Geometry Car, however, which is now working for daily maintenance utilizing longitudinal level defect as the index, cannot detect such short wave track irregularities. So, a measurement using the axlebox acceleration is proposed to evaluate wheel load fluctuation. Data analyses of field tests show that this measurement is more efficient, though several technical conditions are needed to inspect defective spots. This paper describes a method to identify the cause of wheel load fluctuation by analyzing axlebox acceleration considering its typical frequency.
Other contributors:	
Date:	1997
Resource type:	Research Paper
Format:	HTML
Resource Identifier:	http://www.rtri.or.jp/infoce/wcrr97/B272/B272.html
Source:	World Congress on Railway Research (1997: Florence, Italy); Railway Technical Research Inst, Quarterly Reports, Vol. 38 No. 4; pp 176-181
TRIS Accession Number:	00744618
Language:	Eng
Relation:	
Coverage:	Japan
Rights Management:	
Classification:	RAIL TRANSPORTATION, High Speed Ground Transportation, Rail Safety,
Record #:	4689

Last modified: July 28, 2004

 **U.S. Department of Transportation**

Quick Search **GO!**

HOME **CITIZEN SERVICES** **BUSINESS SERVICES** **GOVERNMENT SERVICES** **CONTACT US**



LATEST NEWS!
06/06/05 - BTS Releases Transportation Services Index (TSI); Index Rose 1.2 Percent in March from February
[More](#)



[U.S. Transportation Secretary Norman Y. Mineta](#)

-  **DOT Agencies**
-  **Safety**
-  **News**
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-  **About DOT**
-  **Freedom of Information Act**
-  **FAQs**
-  **Budget Downloads**

 **Top Requests**

- Airline Issues**
 - [Report Airline Security Concerns to TSA](#)
 - [Air Travel Problems and Complaints](#)
- Drug and Alcohol Testing Rules**
 - [DOT Workplace Drug and Alcohol Testing Rules](#)
- Truckers**
 - [Hours of service \(new rules\)](#)
- Motor Carrier Companies**
 - [Get a DOT number online](#)
 - [Questions about DOT numbers](#)
- Individuals and Businesses**
 - [Report on Significant Rulemakings](#)
 - [Commercial Drivers' License \(CDL\)](#)
 - [Find a safe car \(car safety data\)](#)
 - [Report a vehicle safety problem](#)

Special Features

- [Scenic Byways](#)

- [National Traffic and Road Closure Information](#)

- [Check Flight Status](#)

- [Assisting DBEs & Small Businesses](#)


NTL Future Activities

- Networking with transportation libraries to share collection responsibilities and provide reliable services
- Networking with other national libraries to meet standards and share collections and service responsibilities

National Transportation Library

Nelda Bravo

202-366-2480

Nelda.bravo@dot.gov