



RAND  
MCNALLY

# TND™ 765

Fleet Edition

## User Manual



## Support

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This manual is organized to help you efficiently accomplish all your work-related tasks. However, if you have questions that are not addressed here, we invite you to contact us.

**Call us:** 1-800-641-RAND (7263)

**Email us:** [fleetsupport@randmcnally.com](mailto:fleetsupport@randmcnally.com)

**Write to us:**

Rand McNally

Attn: TND™ 765 Fleet Edition Customer Support

9855 Woods Drive

Skokie, IL 60077

### Safe Driving Practices

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Always use your best judgment. Exercise caution and common sense when the vehicle is in motion. Do not become distracted by the device while driving. Minimize the amount of time spent looking at the device while driving.

Do not input destinations, change settings, or access any functions requiring prolonged use of the device controls while driving. Pull over in a safe and legal manner before attempting such operations.

# FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

## FCC WARNING

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Exposure to Radio Frequency Radiation.

The TND™ 765 device transmits and receives radio frequency (RF) energy through its internal antennas. The TND™ 765 cellular antenna is located at the top of the left edge of the device. The Wi-Fi antenna is located near the center of the bottom edge of the device. TND™ 765 is designed to operate with internal antennas and has no provisions for external antennas.

The TND™ 765 has been designed, tested and manufactured to comply with the limits for exposure to RF energy set by the FCC. The radiated output power of the TND™ 765 device is below the FCC radio frequency exposure limits. The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on **FCC ID: A4C01003A**.

## FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

# IC Compliance Statement

This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operate is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

## IC CAUTION

Intentional or unintentional changes or modifications to the equipment not expressly approved by Rand McNally could void the user's authority to operate the equipment.

## IC ATTESTATION DE CONFORMITÉ

Ce dispositif est conforme à la norme FCC Partie 15 et aux norme(s) RSS permis-exempte(s) d'Industrie Canada. L'opération est soumise aux deux conditions suivantes:

1. Ce dispositif ne peut pas provoquer d'interférence nocive et
2. Ce dispositif doit accepter toute interference reçue, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.







## ATTENTION

Les changements ou modifications à l'équipement, que ce soient intentionnelles ou non, non expressément approuvés par Rand McNally pourraient annuler l'autorisation de l'utilisateur à utiliser cet équipement.

## IC: 10199A- A4C01003A

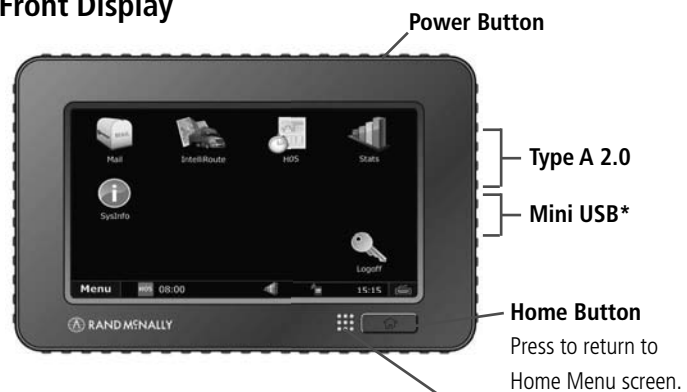
**WARNING:** This product contains chemicals known to the State of California to cause cancer and/or other harm.

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## Device Overview

### Front Display



### Back of Device

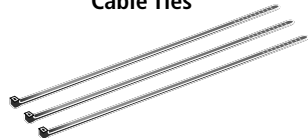


\*The USB port is used for data transmission only.

### Locking Collar Kit



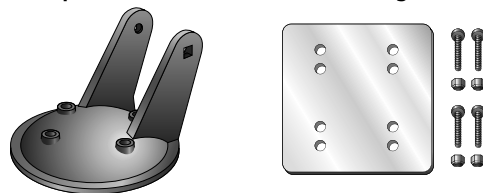
### Cable Ties



### Suction Cup Mount



### Optional Screw Mount with Backing Plate



## Getting Started

### Device Registration Instructions

Once the unit has been activated and installed, please power the unit on. The Registration screen will display (this process may take a few minutes). Your *Data #* and *Serial #* will be pre-populated on the screen. At this time, you will be asked to enter a *Truck #*. This is the unique identification number for the vehicle in which your TND™ 765 is installed, and it can be whatever number you want to assign. Once you've entered the Truck#, press

If your Data # shows up as "0" and you are unable to submit your Truck #, either the device has not been activated properly or it has not yet connected to the cellular network. If this occurs, please call **1-800-641-RAND (7263)** for assistance.

**NOTE:** Please write down your *Data #* and *Truck #* in the spaces provided below for future reference.

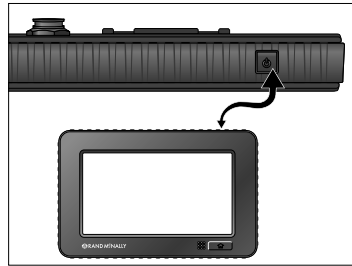
**Data # (pre-populated on your device):**

---

**Truck # (number of your choosing using only letters and numbers, no dashes or spaces, and up to 12 characters):**

---

TND™ 765 Power Button



## Power On

Press the **Power** button on the top right of the device.

## Log On

The start-up screen displays a log on pop-up (a) and the on-screen keyboard (b).

- Enter your *Driver ID*.

**NOTE:** To log off, select the Logoff icon  on the Home Menu.

TND™ 765 Log On Screen



Warning Screen



## Warning Screen

The Warning Screen reminds you that using the device while driving can be distracting. Be cautious.



- Tap **Continue** to complete the logon.

## Communication Status

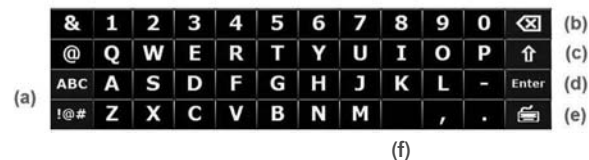
**You must have a cellular or Wi-Fi connection to log on for the first time.**

- Locate the communication icon on the status bar. Icons and their definitions are shown in the table to the left.
- Tap the **keyboard** button in the bottom right corner of the keyboard if you cannot view the status bar.

**NOTE:** If you have a signal but still see errors (such as Invalid Logon), contact Rand McNally Customer Support.

Icon	Definition
	Wi-Fi
	Cell

On-screen Keyboard



## On-screen Keyboard

To use the keyboard:

- Tap the **keyboard** button (e) on the TND™ 765 status bar to display the keyboard.
- Tap the **ABC** or **!@#** buttons (a) to view alphanumeric characters and symbols respectively. The arrow button (c) on the right and the ABC screen on the left allow you to change between upper and lower-case letters.
- Tap the **Delete** button (b) to erase a character.
- Tap the **space bar** button to insert a space (f).
- Tap **Enter** (d) to type on the next line.
- Tap the **keyboard** button (e) again to hide the keyboard.

Status Bar



## Status Bar






The status bar remains visible at the bottom of every screen and gives you access to current information about the TND™ 765.

Any status or alert icons are found on the status bar (a). Icons and their definitions are shown in the table to the left.

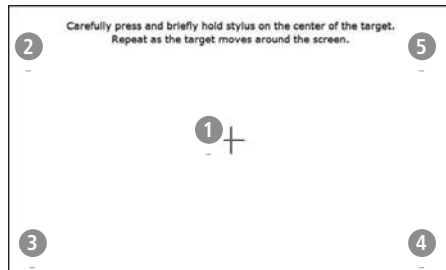
### The status bar also allows you to:

- Check your terminal time (b).
- Pull up the on-screen keyboard (c).
- Return to the **Home Menu** (d).

**NOTE:** You can also tap the **Home** button  on the unit to return to the Home Menu.


Icon	Definition
	<b>Driver Performance.</b> Screen appears over the icon to help you manage your performance. Messages are related to metrics such as over idling and speeding.
	<b>HOS.</b> The icon changes color according to your HOS status. Green means more than 1 hour drive time available. Yellow means 1 hour or less of drive time available. Red means you are out of drive time and will be in violation if you continue to drive.
	<b>Mail.</b> The icon appears on the status bar when you have unopened mail.
	<b>System message.</b> System alerts appear in balloon messages over the icon.
	<b>Cell.</b> The icon indicates the connection status of the cellular modem on the device.

## Calibrate Screen



## Screen Calibration

To calibrate your screen:

- Press and hold the **Home** button  for 5 seconds. Calibration starts once button is released.
- Tap the center of the crosshairs as they appear on the calibration screen. There are five total.
  - Tap as close to the center of the crosshairs symbol (+) as possible.
  - Use the same pressure you normally use when tapping the screen.
  - If you receive an error, try again.

**NOTE:** Do NOT press and hold finger on the center of the crosshairs. Just tap.

## Home Menu Screen









## Home Menu

The Home Menu is the home screen of the TND™ 765. The applications available to you on the TND™ 765 are identified by icons.

The icons on the Home Menu are explained in the table to the left.

- Press the Home button  to return to the Home Menu screen.

Icon	Function	Icon	Function
	View, listen and respond to messages.		Pinpoint location and find routes.
	Review, create and send logs.		View driver performance stats.
	Manage settings, tasks and communication.		Log off the TND™ 760.



Mail Icon on Home Menu



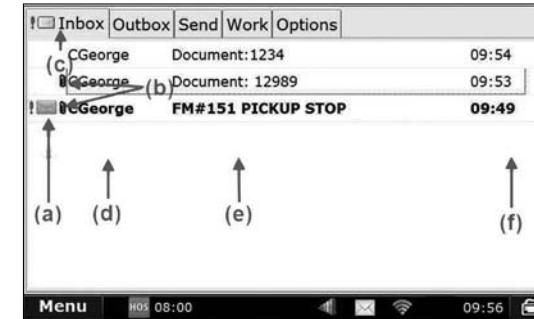
### Mail

Select the **Mail** icon on the Home Menu to access messages and send emails.

Mail opens to the *Inbox* tab.

Tab	Function
<b>Inbox</b>	Holds incoming messages.
<b>Outbox</b>	Holds outgoing messages.
<b>Send</b>	Allows you to send messages.
<b>Work</b>	Helps you process assignments. (If workflow is enabled.)
<b>Options</b>	Displays your e-mail address and allows you to manage your e-mail contacts.

Inbox Tab



### Inbox

All incoming messages appear in your Inbox. Special features of the Inbox tell you details about your messages.

Status information is clustered together (a), (b) and (c).

- **(a)**. A blank space in this column means the message has been opened. An envelope means it has not been opened.
- **(b)**. A red exclamation point ( ! ) icon means the message is important. A paperclip (📎) icon means the message has an attachment.
- **(c)**. When you are working in another Mail tab, an envelope icon appears on the tab indicating that you have an unopened message.

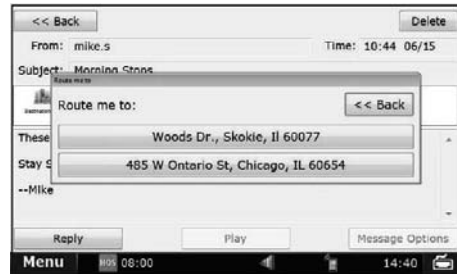
Other columns in the Inbox tell you more about your messages (d), (e) and (f).

- **(d)**. This column tells you who sent the message.
- **(e)**. This column tells you the subject of the message.
- **(f)**. This column tells you when the message arrived.
  - The **time** displays for messages that arrived on the current day (based on your terminal time).
  - The **date** displays for messages that arrived on previous days.





### Attachments and Destinations



### Attachments and Destinations

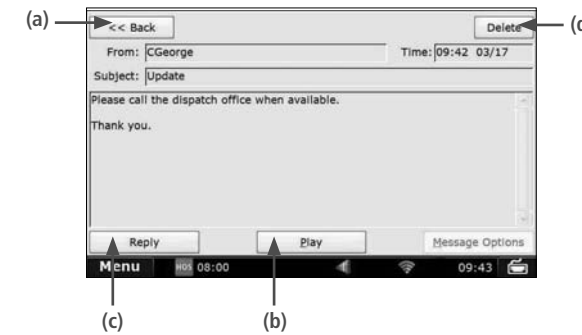
Click on the paper clip icon (📎) to view an attached document.

Click on the destination icon (📍) to open a destination. A pop-up window will appear. If there is more than one destination, click the first one you want to route to. The IntelliRoute® navigation application will then automatically open, enabling you to begin your route.

Your Inbox holds 100 messages. When more messages arrive, the oldest messages in your Inbox are automatically deleted.



### Open Message Screen



### Open Message

Select a message to open it.

Four action buttons are available once a message is open.

- (a). **Back** returns you to the Inbox.
- (b). **Play** lets you listen to the message.
- (c). **Reply** lets you send a response to the message.
- (d). **Delete** lets you delete the open message.

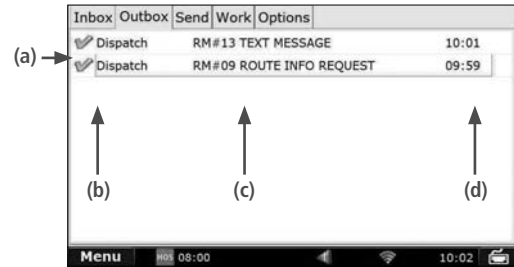
Your Inbox holds 100 messages. When more messages arrive, the oldest messages in your Inbox are automatically deleted.

### Personal Email Access

- If your driver settings are configured to enable personal email access, you can save up to 25 personal email addresses to communicate with while on the road.
- Personal emails are color-coded blue in your Inbox so you can identify them quickly. The color coding remains after the email is read.
- You can view your assigned email address by selecting the **Options** tab on the Mail screen and tapping the **View Email Address** button.



Outbox Tab



### Outbox

All outgoing messages appear in your Outbox. Special features of the Outbox tell you details about your messages.

Your Outbox holds 50 messages. When you have sent more than that, the oldest messages in your Outbox are automatically deleted.

- (a). A green check mark (✓) icon means the message has been sent. An orange arrow (↶) icon means the message is waiting to be sent. A red X (✗) icon means the message has not yet been sent.

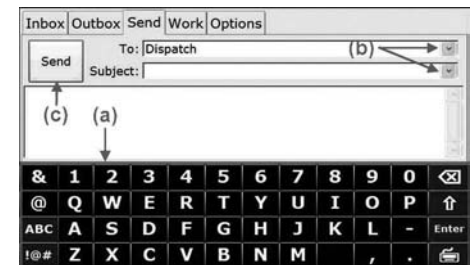
Other columns in the Outbox tell you more about your messages (b), (c) and (d).

- (b). This column tells you who received the message.
- (c). This column tells you the subject of the message.
- (d). This column tells you when the message arrived.

-The **time** displays messages that were sent on the current day (based on your terminal time).

-The **date** displays for messages that arrived on previous days.

Send Tab



### Send Messages

You can send messages from the Send tab.

The on-screen keyboard (a) appears automatically when you select the Send tab.

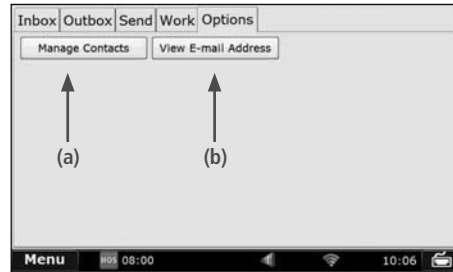
Drop-down boxes (b) make it easy for you to complete the **To** and **Subject** fields.

- The **To** field automatically selects **Dispatch**. The drop-down box lists other saved contacts.
- You can fill in the **Subject** field by using either the drop-down list (if you want to send a form) or the on-screen keyboard (if you want to send a message). If you choose a form from the drop-down list, the screen displays the form in the message field (the body of the screen).

When you are done, tap **Send** (c).



## Options Tab



## Mail Safe-driving Screen



## Options

The *Options* tab has two buttons.

- **Manage Contacts** (a). This button lets you add contacts (for the list that displays in the **To** drop-down box on your Send message screen), request your contact list when you enter a new truck, and make changes to your contact list.
- **View Email Address** (b). This button lets you review your TND™ 765 email address.

## Mail Safe-driving Screen

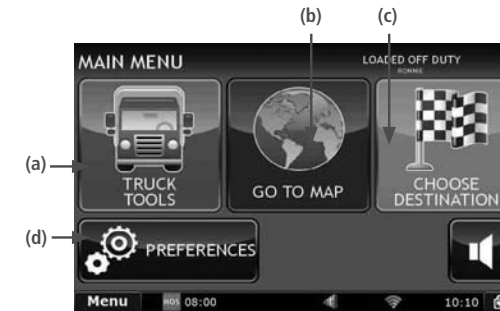
When you select the Mail icon while vehicle is in motion, the mail safe-driving screen will appear. With the mail safe-driving screen, you can hear a message rather than read it.

- To hear a message, simply tap it to highlight it.
- To stop the message from playing, tap Cancel Playback on the screen.

## IntelliRoute® Icon on Home Menu



## IntelliRoute® Screen



## IntelliRoute®

Select the **IntelliRoute®** icon on the Home Menu to access the truck-specific routing application. IntelliRoute® will route you around low bridges and truck-restricted roads, and help you find driver-specific Points of Interest (POIs).

## Main Menu

- (a.) Enter truck information and access truck-specific use tools.
- (b.) Show location on the map and view navigation instructions.
- (c.) Choose a destination.
- (d.) Select general, route and map preferences.





Truck Info Screen



**Note:** Fleets can choose to configure Truck Info so that the information can only be entered and edited by fleet managers. If the icons on your Truck Info screen appear grayed out, this means your fleet has configured the setting this way.



### Enter Truck Information

1. Tap **Truck Tools > Truck Info**.
2. Tap  and  to view all options.
3. Tap to select the options to be changed.
4. Enter new truck information settings.
5. Tap **Back** to save changes.

Warnings Screen





### Set Warnings

1. Tap **Truck Tools > Warnings**.
2. Tap  and  to view all warning options.
3. Tap the option button to be changed.
4. Enter the new settings for the option.
5. Tap **Back** to save changes.

General Preferences Tab





### Set General Preferences

1. Tap **Preferences**.
2. Tap the **General** tab.
3. Tap  and  to view general device options.
4. Tap the option button to be changed.
5. Enter the new settings for the option.
6. Tap **Back** to save changes.

Route Preferences Tab



### Set Route Preferences



1. Tap **Preferences**.
2. Tap the **Route** tab.
3. Tap  and  to view route options.
4. Tap the option button to be changed.
5. Enter the new settings for the option.
6. Tap **Back** to save changes.



### Map Preferences Tab



### Set Map Preferences

1. Tap **Preferences**.
2. Tap the **Map** tab.
3. Tap  and  to view mapping options.
4. Tap the option button to be changed.
5. Enter the new settings for the option.
6. Tap **Back** to save changes.

### Timers Tab



### Timers

1. Tap **Truck Tools**.
  2. Tap **Timers, Trails**.
  3. Tap the **Timers** tab.
- Tap a timer, use the **Change To** field to make adjustments to mileage. The mileage continue to count down from the changed value.
1. Tap **-** to decrease the setting.
  2. Tap **+** to increase the setting.
  3. Tap the calculator to display a keyboard. Enter a number and tap **Enter**.
  4. Tap **Change**.

On the right, use the **Reset To** field to set the most common reset value. At the beginning of each day or run, tap **Reset** to set the value back to zero for odometers and 15,000 or 35,000 for maintenance timers.

1. Tap **-** to decrease the setting.
2. Tap **+** to increase the setting.
3. Tap the calculator to display a keyboard. Enter a number and tap **Enter**.
4. Tap **Reset**.

**Note:** Odometers count up and record the current mileage. Maintenance timers count down. When a maintenance timer counts down to 2,000 miles, a reminder displays each time IntelliRoute® starts.

**Note:** To avoid timer warnings, set the timer limits to a very high number.



Trails Screen




Route Map Screen



### Trails

The Trails feature allows you to record and later view or follow route information on the map. This capability is particularly useful when driving off-road or through private facilities such as a terminal or distribution center where road data is not available.

#### Record a New Trail

1. Tap **Truck Tools > Timers Trails**.
2. Tap **Trails Tab**.
3. Tap **New Trail**.
4. Tap **OK**. The Trail Icon  displays on the map screen.
5. When you wish to stop recording, tap on the Trail icon.
6. Tap **OK**.

Trail Route Screen



### View Saved Trails

1. Tap **Truck Tools > Timers Trails**.
2. Tap **Trails Tab**.
3. Tap on the trail you want to run.
4. Tap on **Show on Map**.
5. Visually follow the trail. The trail is denoted by green diamond icons.

#### NOTE:

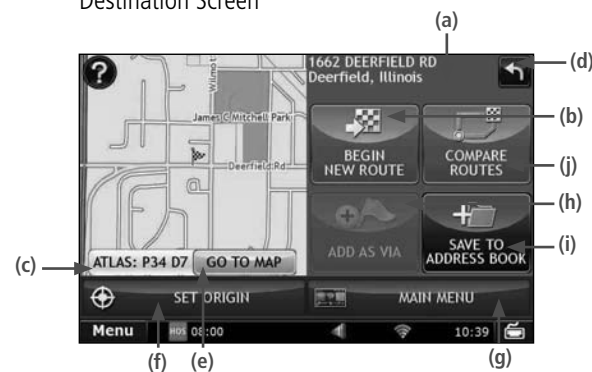
- Because Trails mode may not contain roads, no voice direction is available.
- You can also rename and delete recorded trails.



Enter City Name



Destination Screen



### Route to New Destination

#### Find an Address

1. Tap **Choose Destination > New Location**.
2. Select a search type (**Address, City Center, Intersection, or Lat/Long**).
3. Use the keyboard to type location information.
4. Tap on the location in the displayed list.
5. Tap **Begin New Route**.

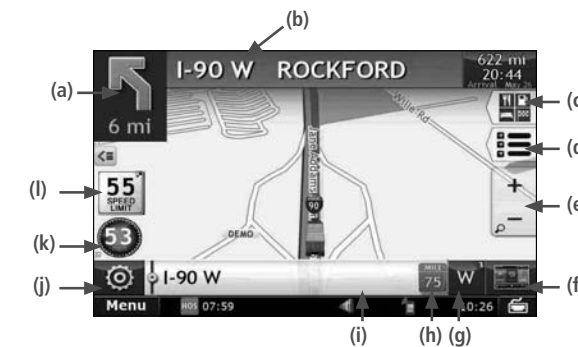
#### Confirm Destination

- a. Destination address.
- b. Begin route to destination.
- c. Cross reference to printed Rand McNally *Motor Carriers' Road Atlas*.
- d. Return to previous window.
- e. View the map.
- f. Change the starting address for a route to the location displayed on the map screen.
- g. Return to Main Menu.
- h. Add the location as an interim stop between the origin and destination.
- i. Save location to the Address Book.
- j. View a primary route and a reasonable alternative, allowing you to choose. Both routes are presented on the map for a quick review.

Address Book Tab



Route Map Screen



### Route to Saved Destination

1. Tap **Choose Destination > History or Address Book**.
2. Tap on the desired destination in the displayed list.
3. Tap **Begin New Route**.

### Route Map Screen

- a. Repeat spoken next-maneuver instructions.
- b. Name of street you will turn onto next.
- c. Information on upcoming exits.
- d. Directions slide-out list.
- e. Zoom in/zoom out.
- f. Return to IntelliRoute® Main Menu.
- g. Compass Direction. Tap to change map display: North (N), Heading Up (arrow) or 3D View (3).
- h. Current mile marker.
- i. Tap to view current information by city, street, or upcoming intersection.
- j. Tap to see current location information, change route settings, detour, or cancel a route.
- k. Current vehicle speed. Tap to view Virtual Dashboard.
- l. Posted speed limit: orange for truck limit; white for general limit.



Point of Interest Screen



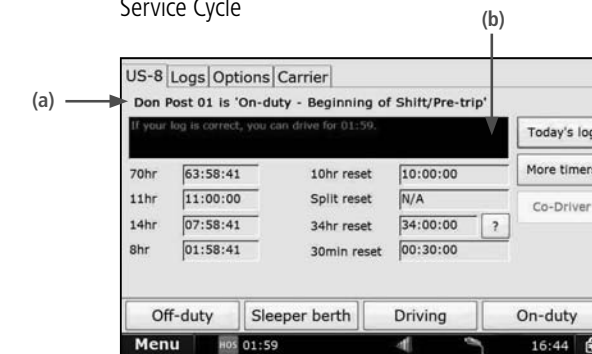
### Find a Point of Interest (POI)

1. Tap **Choose Destination > Points of Interest**.
2. Select a search type (**My Truck, City, My Route, End of Day, Destination, Custom POI, or Quick Stops**).
3. Select a category and if necessary, a subcategory.
4. Tap on the Point of Interest in the displayed list.

### Hours of Service Feature Overview

This section provides an overview of features on each screen of the HOS application.

Service Cycle



### Summary: Current Duty Status & Timers

The Service Cycle tab displays your timers, duty status and the time before you are in violation of each HOS rule.

- a. **Title** displays your Driver ID and current duty status.
- b. **Status Box** displays your effective remaining drive time. The effective remaining drive time displayed is the lesser of the times remaining in the current 8-hour On-Duty, 11-hour Driving, 14-hour On-Duty, and 70-hour On-Duty periods:
  - **Green** text means more than 1 hour drive time available.
  - **Yellow** text means 1 hour or less of drive time available.
  - **Red** text means you are out of drive time and will be in violation if you continue to drive.





## Hours of Service Feature Overview

Service Cycle



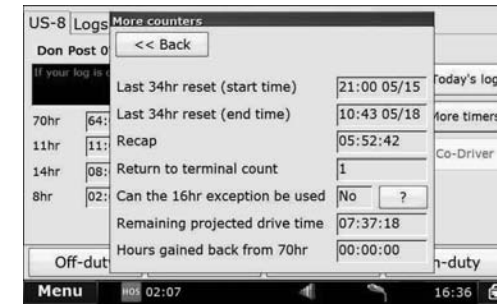
### HOS timers displayed include:

- **70hr:** Time remaining until your 70-hour On-Duty limit is reached.
- **11hr:** Time remaining until your 11-hour Driving limit is reached.
- **14hr:** Time remaining until your 14-hour On-Duty limit is reached.
- **8hr:** Time remaining until your 8-hour On-Duty limit is reached before you must take a required 30-minute Off-Duty break.
- **10hr Reset:** Time remaining in the 10-hour Off-Duty and/or Sleeper Berth break period required after 14 hours of On-Duty status.
- **Split Reset:** Time remaining in the break period for a split Sleeper Berth to complete.
- **34hr Reset:** Time remaining until your 34-hour reset is complete.
  - Tap ? next to 34-hr Reset to view when you are eligible to take advantage of the 34-hour reset rule, and what day and time the 34-hour reset will complete.
- **30min Reset:** Time remaining until your 30-minute Off-Duty break is complete.



## Hours of Service Feature Overview

More Timers Pop-up Window



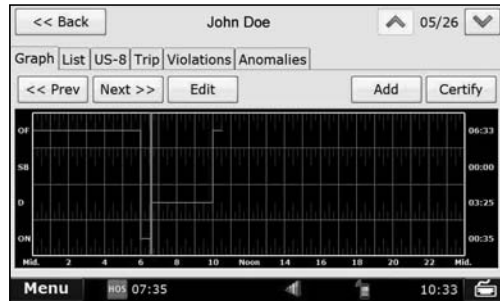
Tap **More timers** to view additional HOS timers:

- **Last 34 hour reset (start time):** The time your last 34-hour reset started.
- **Last 34 hour reset (end time):** The time your last 34-hour reset ended.
- **Can the 16hr rule be used?** Indicates if you are eligible to use the 16hr rule, based on your current duty cycle. If you would like more information on whether your organization has enabled use of the 16hr rule, please contact your fleet manager.
  - Tap ? to view more details about your 16-hour eligibility.
- **Remaining projected drive time:** Your available remaining Driving time.
  - Tap **Today's log** to view the graph version of each day in the current 8-day period. For more information, see the Graph Sub-tab on page 37.
- **Hours gained back from 70hr after 12 A.M.:** Amount of Driving time available to you starting at 12 A.M. the next day, based on the amount of On-Duty and Driving hours you've completed in the current 8-day period.
  - To get back to the Summary Tab, hit the **Back** button.



## Hours of Service Feature Overview



Today's Log Main Screen - Graph Tab



### Today's Log

The **Today's log** button can be accessed on the **Service Cycle tab**. Six tabs display across the top of the **Today's log** screen.

**Graph** is the tab that opens when you select Today's log. This screen has two key buttons: **Edit** and **Add**.

- **Edit.** This button allows you to edit any uncertified log from the last 8 days (select the arrow buttons  and  to view a previous day's log.)
- **Add.** This button on the **Today's Log Graph** screen allows you to add a current duty status to the current day. Any changes to earlier statuses must be made using the **Edit** button.
- **Certify.** This button is used to Certify the log you are currently viewing.

**Note:** Driving status time cannot be edited once recorded.



## Hours of Service Feature Overview

Service Cycle



### Service Cycle

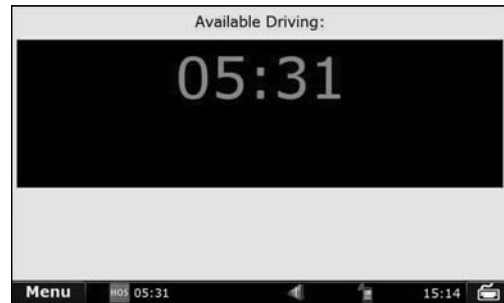
To update your current duty status:

- Tap **Off-duty** for breaks or other required off-duty periods.
- Tap **S. Berth** to enter sleeper berth mode.
- Tap **On-Duty** to enter on-duty mode. The system automatically switches between On-Duty and Driving status while you progress through your day.



## Hours of Service Feature Overview

HOS Safe-driving Screen



### HOS Safe-driving Screen

If you select the HOS icon from the Home Menu while driving, the HOS safe-driving screen will display, displaying your effective remaining drive time in large type to help minimize driver distraction. This time is the same time that displays on the status bar.

If the 16-hour rule is enabled and you are using the rule while driving, two timers will be visible to display your effective remaining drive time.

**NOTE:** Functionality within the Mail, HOS and SysInfo applications is simplified while you are driving.



## Hours of Service Feature Overview

Logs Tab

Date	Miles	Off-duty	S.B.	Driving	On-duty
05/19	75.6	08:35:00	00:00:00	00:16:47	06:20:14
05/18	257.8	12:45:00	00:00:00	10:05:00	01:10:00
05/17	0.0	24:00:00	00:00:00	00:00:00	00:00:00
05/16	0.0	24:00:00	00:00:00	00:00:00	00:00:00
05/15	349.8	12:35:00	00:00:00	10:30:00	00:55:00
05/14	234.3	12:45:00	00:00:00	10:25:00	00:50:00
05/13	172.4	12:45:00	00:00:00	10:20:00	00:55:00
05/12	264.9	12:45:00	00:00:00	10:20:00	00:55:00

- indicates the currently selected day.
- indicates a revision has been made to the log in the Rand McNally Connect web portal that requires the driver to review and certify.
- indicates the log has been certified.
- **Date** indicates the date of 24-hour log period.
- **Miles** indicates the # miles driven in 24-hour log period.
- **Off-duty** indicates time in off-duty mode.
- **S.B.** indicates time in sleeper berth mode.
- **Driving** indicates time in driving mode.
- **On-duty** indicates time in on-duty mode.

### Logs: 8-day Duty Status Totals

The Logs tab displays your duty status totals and total miles driven for each day in the current 8-day period.

- Tap on a log entry to view the graph version of the log.

If a log entry is highlighted in orange, this indicates that the log entry has not yet been uploaded to the Rand McNally Connect web portal. To upload your current HOS logs (up to the current minute) to the Rand McNally Connect web portal, tap **Options**, then click the **Send Logs** button. The orange highlight will disappear once the logs are sent.



## Hours of Service Feature Overview

Options Tab



### Options Tab

The Options tab is where you can change modes for roadside inspections, personal conveyance, and more.

- Tap **Request HOS Logs** to refresh your HOS logs if you have recently moved from truck to truck and your logs are not yet visible on the device.
- Tap **Send HOS Logs** to upload your current HOS logs (up to the current minute) to the Rand McNally Connect web portal.

- Tap **Change Trucks** if you are going to be using a different truck with a different TND™ 765 device installed in it. This will ensure that the next truck you use will display your most up-to-date log information.

- Tap **Fax/Email HOS Logs** to send logs to Law Enforcement.

NOTE: You must certify all logs except for the current day's log, and enter Roadside Audit mode before faxing your logs.

- Tap **DVIR** to enter a new DVIR or review a previous entry.
  - Tap **Request Last DVIR** if you have received a replacement TND™ 765 device for the vehicle #, as the new unit will not have the last DVIR on it.

- Tap **Change Mode** to enter Roadside Audit mode if you are showing your device to Law Enforcement, or Personal Conveyance mode if you are using your vehicle for personal use.

- Tap **Fuel Purchase** to add fuel purchases.



## Hours of Service Feature Overview

Company Tab



### Carrier Tab

The Company tab displays your company information, terminal information and DOT number. This information is required for your electronic logs to be compliant. The information displayed here should have been pre-configured by your fleet manager.

### Carrier

The upper half of the screen displays your company information and DOT number.

- **Name**
- **Address**
- **DOT Number**

### Terminal

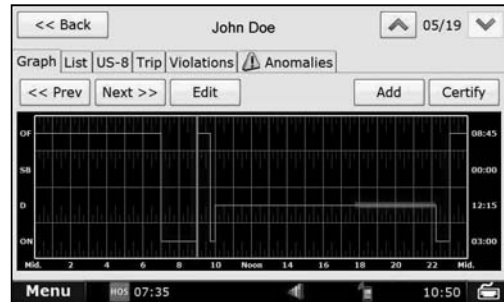
The lower half of the screen displays your terminal information. This may be the same information listed in the Carrier section above.

- **Name**
- **Address**
- **Start:** This field shows the time and time zone for the terminal, which is the time that your Hours of Service logs are based on.



## Hours of Service Feature Overview

Graph Sub-tab



### Graph: Day's Log Graph

The Graph sub-tab visually depicts the log from the selected day.

- A red line on the graph indicates a log violation.
- Tap and to scroll through the Graph log of each day for the last 8 days.
- Tap and to move the green cursor on the graph. The corresponding duty status, time and location. Press **View** to see.
- Tap **Edit** to make changes to a Duty Status. Driving status cannot be edited.
  - If the selected log is already certified, tap **View** to view details of Duty Status or Trip Info entries.
- **Add** another duty status to the log you are currently viewing.
- Tap **Certify** to certify the selected day's log as correct, starting with the oldest day in the current 8-day period first. Once you certify a log, you cannot make any changes to that day's log.
- Tap **Violations** to view any violations that have occurred and the date and time of the violation.



## Hours of Service Feature Overview

List Sub-tab

Time	Status
20:00:00	Off-duty - End of Shift
09:10:00	Driving (manual) - WORK
08:45:00	On-duty - Load
08:00:00	Off-duty - Break
04:45:00	Driving (manual) - WORK
04:00:00	On-duty - Drop and Hook
00:00:00	Off-duty - Equipment Malfunction

Duration	Status
12:00:00	Off-duty - End of Shift
10:50:00	Driving (manual) - WORK
00:25:00	On-duty - Load
00:45:00	Off-duty - Break
03:15:00	Driving (manual) - WORK
00:45:00	On-duty - Drop and Hook
04:00:00	Off-duty - Equipment Malfunction

### List: Day's Duty Statuses

The List sub-tab displays all duty statuses recorded on the selected day.

- Tap and to scroll through Duty Status history List for each day in the current 8-day period.
- Tap any Duty Status or Trip Info entry to view additional details. You can edit the entry if you have not yet certified the selected day's log. Driving status cannot be edited.

### Duty Status Entries:

- **Time** indicates time of duty status entry. Click the Time column heading to view the duration of each duty status.
- **Status** indicates type of duty status (Off-Duty, Sleeper Berth, Driving, On-Duty).



## Hours of Service Feature Overview

Service Cycle Summary



### Service Cycle Sub-Tab: Day's Duty Status Totals

The Service Cycle Summary shows the number of miles driven, Duty Status totals and running totals for various HOS rules for the selected day.

- Tap and to view a summary of duty status totals for each day in the current 8-day period.

### Totals for the Day:

- **Off-duty** indicates total Off-Duty time.
- **S.B.** indicates total Sleeper Berth time.
- **Driving** indicates total Driving time.
- **On-duty** indicates total On-Duty time.

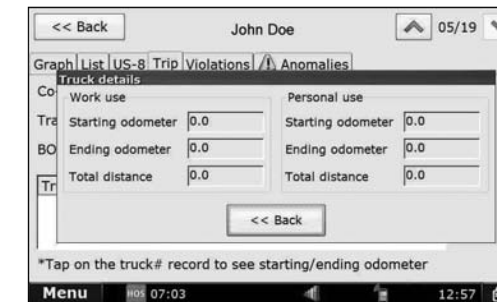
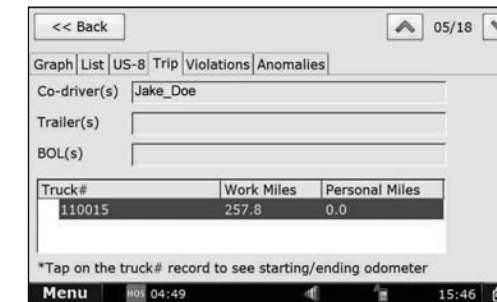
### Running Totals for Day:

- **Remaining 70hr:** Remaining time in 70-hour cycle as of the end of the selected day
- **Return to carrier:** If you use the 16-hour rule, this displays the number of returns to terminal recorded



## Hours of Service Feature Overview

Trip Info Sub-tab



### Trip Info: Day's Trip Information

The Trip Info sub-tab displays the co-driver(s), trailer(s), bill(s) of lading, work miles and personal miles recorded on the selected day.

- Tap and to scroll through the Trip Info for each day in the current 8-day period.
- **Co-driver(s):** co-driver name(s)
- **Trailer(s):** trailer ID(s)
- **BOL(s):** Bill of Lading number(s)
- **Truck #:** tractor number
- **Work Miles:** Total number of miles put on the truck while on duty
- **Personal Miles:** total miles driven in Personal Conveyance mode



## Hours of Service Feature Overview

Violation Sub-Tab



Anomalies Sub-Tab



### Violations: HOS

The Violations sub-tab displays any violations of Hours of Service rules.

### Anomalies: Driver or Sensor Issues

The Anomalies sub-tab displays any errors recorded during the selected day such as system issues or driving recorded while the driver was not logged into the system.

**NOTE:** If a system error occurs, you must keep paper logs during this period.

SysInfo Icon on Home Menu



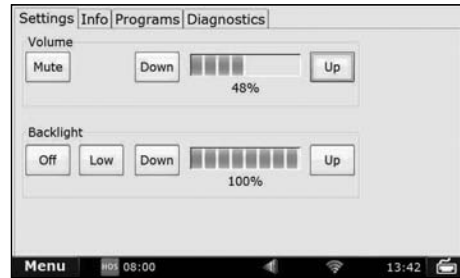
### SysInfo

Select the **SysInfo** icon on the Home Menu to control system settings and to view technical information about your TND™ 765.

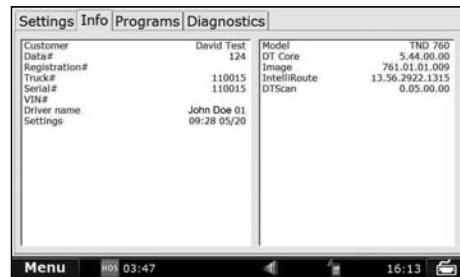
SysInfo opens to the *Settings* tab.

Tab	Function
<b>Settings</b>	Allows you to control the volume and screen brightness.
<b>Info</b>	Displays system information.
<b>Programs</b>	List of programs that are running on the device.
<b>Diagnostics</b>	Displays information related to your TND™ 760's communication status.

Settings Tab



Info Tab



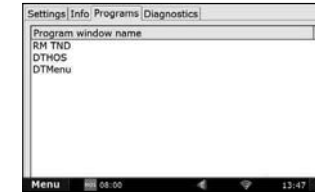
## Settings

- **Volume.** Control the volume of your TND™ 765 by selecting **Mute** or by tapping the **Down** and **Up** buttons (a). Each tap changes the volume by 10 percent. You can also change the volume by pressing down and drawing your finger across the percentage box.
- **Backlight.** Control the backlight by selecting **Off** or by adjusting the screen's brightness by tapping the **Down** and **Up** buttons (b). You can also press down and draw your finger across the percentage box. **Low** dims the screen to less than 10 percent.

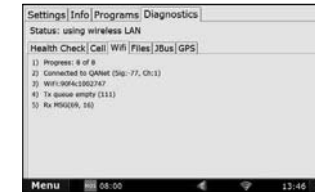
## Info

- Tap **Info** to access registration information for your TND™ 765. The fields on the tab window include Customer data #, Registration #, Truck #, Serial #, VIN #, driver name settings, model, IntelliRoute, and DT Core.

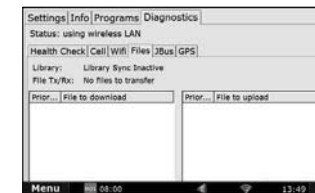
Programs Tab



Diagnostics – Wi-Fi Sub-Tab



Diagnostics – Files Sub-Tab



## Programs

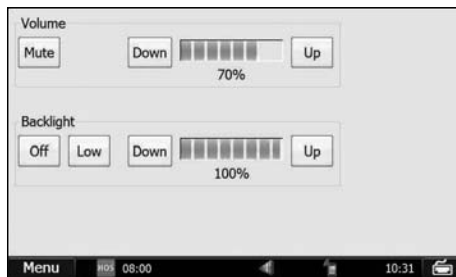
- The Programs Tab displays the applications currently running on your device.

## Diagnostics

- **Status.** Shows the current method of communication.
- **Health Check.** Confirms function of system hardware.
- **Cell.** Provides status of cell connection.
- **Wi-Fi.** Provides status of Wi-Fi connection.
- **Files.** Shows files scheduled for download or upload.
  - Downloads to the truck can include software updates and dispatch files.
  - File TX/RX provides the current status of the file being transferred. If you are expecting a software update, you can look here to see the status of that download. The percentage shown indicates how much of the file has been received.
- **JBus.** Confirms connection to truck's ECM.
- **GPS.** Captures latitude, longitude, altitude, speed, direction, and provides debug information for the GPS.



SysInfo Safe-driving Screen

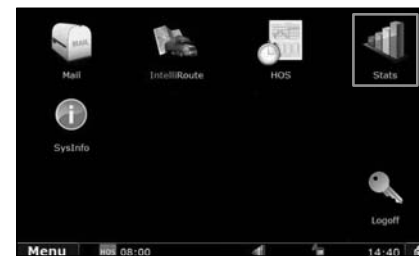


### SysInfo Safe-driving Screen

The SysInfo safe-driving screen allows you to adjust the volume and screen brightness.

### Overview

Stats Icon on Home Menu



### Stats Overview

Select the **Stats** icon on the Home Menu to access information about driver performance and fault codes.

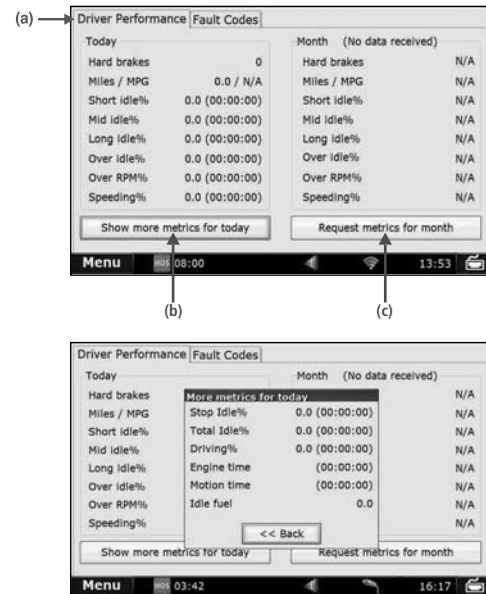
Stats icon opens to the Driver Performance tab.

Tab	Function
<b>Driver Performance</b>	Displays statistics based on idle time, RPM, engine and motion time.
<b>Fault Codes</b>	Displays fault codes and the location and type of fault in relation to your vehicle.



### Driver Performance

Driver Performance Tab



### Driver Performance

The **Driver Performance** tab (a) displays these statistics:

- Hard brake events
- Miles / MPG
- Idling percentages for Short, Mid and Long Idles
- Over Idle %—where idle is over your fleet’s grace period
- Over RPM %
- Speeding %

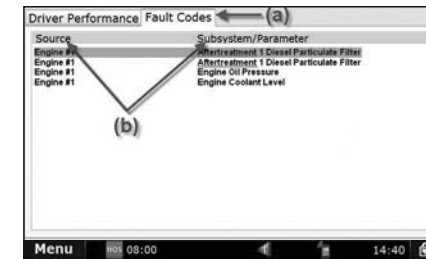
You can tap the **Show more metrics for today** button (b) to view a pop-up with information on Stop Idle %, Total Idle %, Driving %, Engine time, Motion time, and idle fuel.

You can tap the **Request metrics for month** button (c) to receive an update on driver performance. The report includes month-to-date information.



### Fault Codes

Fault Codes Tab



### Fault Codes

The **Fault Codes** tab (a) displays recorded fault codes for the vehicle.

Two columns provide details about the fault (b).

**Source.** Identifies the location of the fault in the vehicle, such as the engine, cab, controller, etc.

**Subsystem/Parameter.** Identifies the type of fault.

## Troubleshooting

To assist you with troubleshooting, please refer to the list of possible solutions below.

If you still encounter issues with your device, please call Rand McNally Customer Support at 1-800-641-RAND (7263).

### No power or intermittent power loss:

#### Check power connection

Ensure that the cable is secured to the device.

Reestablish the cable connections by unplugging them, then plugging them back in. Make sure locking collar is turned.

### Unable to register:

#### Verify your customer number (Customer #)

If you have questions about your customer number, please call Customer Support at **1-800-641-RAND (7263)**.

### Unable to send and receive messages:

#### Check communications

Look for any crossed-out icons on the lower right hand corner of the screen.

Move the truck to ensure that the issue is not signal interference.

#### Restart the device

Restart the device by first logging off, then pressing the Power button. This will cause the device to reset and reconnect.

### Unable to connect cellular modem, GPS, or Wi-Fi®:

#### Check communications

Move the truck to ensure that the issue is not signal interference.

#### Restart the device

Restart the device by first logging off, then pressing the Power button. This will cause the device to reset and reconnect.

### Nothing appears on device:

#### Check connections

Ensure that the cable is secured to the device.

### Screen not responding:

#### Calibrate the touch screen

Hold down the Home button on the bottom right corner of your device for 5 seconds. This will cause the Calibration screen to come up. Follow the instructions provided on the screen.

#### Restart the device

Restart the device by pressing the Power button. This will cause the device to reset and reconnect.

### J-bus not responding

#### Check connection

Make sure truck ignition is on

#### Restart the engine

#### Restart the device

Restart the device by first logging off, then pressing the Power button. This will cause the device to reset and reconnect.

### Stuck in Splash Screen:

#### Perform Home Menu Restart

If the login screen does not come on after 2 minutes of powering up the device, power off the unit. Press and hold the Home Menu button while pressing the Power button at the same time, keeping the home button pressed until you see the calibration screen come up.

## Rand McNally Connect web portal

To access compliance settings, add drivers, and use all the fleet management tools of the TND™ 765, visit the Connect web portal url at [connect.randmcnally.com](http://connect.randmcnally.com).

**NOTE:** You must register your device before logging on to the Rand McNally Connect web portal.

Please store your Rand McNally Connect web portal *Log-in Email* and *Password* in a secure place for future reference.

Once your device is registered, go to **connect.randmcnally.com** and log in using the account information included in the “*Activation*” email you received when you purchased your service plan.

Log in to the web portal to set your time zone, input your company information and DOT number, and adjust your Hours of Service settings. The portal will push these settings to your device the next time you turn it on.



**Rand McNally follows a continuous improvement process and reserves the right to provide enhancements that may not be reflected in the pictures and specifications of this manual.**

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U.S. Patent Nos. 7,580,791 and 8,214,141

Rand McNally  
9855 Woods Drive, Skokie, IL 60077

## Use of the Rand McNally TND™ 765 Fleet Edition Device

**IMPORTANT:** By using the TND™ 765 Fleet Edition device you are agreeing to be bound by the Terms and Conditions for Use of the Rand McNally TND™ 765 Fleet Edition (referred to as "Terms & Conditions"). These Terms and Conditions, including the Rand McNally TND™ 765 Service Plan Terms, the Privacy Policy, Terms of Use, and other applicable terms located at [www.randmcnally.com/765serviceterms](http://www.randmcnally.com/765serviceterms), and terms of use for wireless products, features, applications, and accessories not otherwise described herein that are posted on applicable Rand McNally websites or devices, and any documents expressly referred to herein or therein, make up the complete agreement between Customer and Rand McNally, with respect to Customer's subscription to the service plan and use of the TND™ 765 Fleet Edition device.

### Warranty.

- a. ALL WARRANTIES EXTENDED BY RAND MCNALLY TO CUSTOMER WITH RESPECT TO THE PRODUCTS AND THE SOFTWARE ARE SET FORTH SOLELY AND EXCLUSIVELY IN THE TERMS AND CONDITIONS TO THE RAND MCNALLY CUSTOMER AGREEMENT, WHICH CONTAINS LIMITATIONS OF WARRANTIES, LIMITATIONS OF DAMAGES, AND LIMITATIONS OF LIABILITY THAT APPLY TO RAND MCNALLY'S PERFORMANCE UNDER THIS AGREEMENT. ACCESSORIES AND OTHER PRODUCTS AND SERVICES MANUFACTURED OR PROVIDED BY THIRD PARTIES, INCLUDING THIRD PARTY SERVICES, SHALL BE SUBJECT TO THE WARRANTIES PROVIDED BY SUCH MANUFACTURERS OR THIRD PARTIES.
- b. Device Warranty. RAND MCNALLY MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE PRODUCTS, SERVICES, INTELLECTUAL PROPERTY OR ANY OTHER MATTER RELATED TO THIS AGREEMENT, EXCEPT THAT RAND MCNALLY WARRANTS ONLY AS FOLLOWS: Rand McNally warrants to Customer with respect to each Device, for the duration of the Warranty Period set forth on the applicable Order form, commencing on the date of shipment of the Device from Rand McNally Facilities ("Warranty Period"), that the Device will: (i) be in operating condition upon delivery to Customer and free from material defects in materials or workmanship; (ii) perform in substantially conformity to its specifications contained in the Documentation under normal and proper use in accordance with its specifications and within the specified operating and environmental parameters of the Device set forth in the Documentation; and (iii) shall be free from damage caused by environmental effects under normal and proper use in accordance with the specifications and within the specified operating and environmental parameters of the Device set forth in the Documentation; provided no alteration has been made to the Device after delivery. Rand McNally shall not be liable for reasonable wear and tear, damage caused by usage outside the specifications and the specified operating and environmental parameters of the Device set forth in the Documentation, failure to properly maintain, damage caused by corrosives, abrasives or foreign objects, for damage to cables used in or in connection with the Device or to vehicle electrical, computer or other systems. Rand McNally shall have no obligation as to any Device which has been improperly stored or handled, which has been placed in environmental conditions beyond its specifications or the specified operating and environmental parameters for the Device set forth in the Documentation, or which has not been operated or maintained according to good practice and with reasonable care or in accordance with the Documentation, nor shall Rand McNally be liable for any misuse, or the fault, negligence, want of skill, or wrongful acts of Customer, permitted users, other contractors or agents of Customer or any other third party. If Customer requires repair after expiration of the Warranty Period, then Customer shall be charged the then-applicable rates to repair such Device together with the costs of shipping.
- c. Software Warranty. Rand McNally warrants to Customer that, during the Service Term, the Software and Software updates: (i) will operate in all material respects in accordance with the Documentation, (ii) that the Software will be free from physical defects in the media that tangibly embodies the Software, (iii) that the Software shall have been tested prior to delivery to Customer to ensure, to the extent possible using commercially available anti-virus technology, that at the time of delivery, it is free from harmful viruses (e.g., Trojan horse, worm or other software routines designed to permit unauthorized





