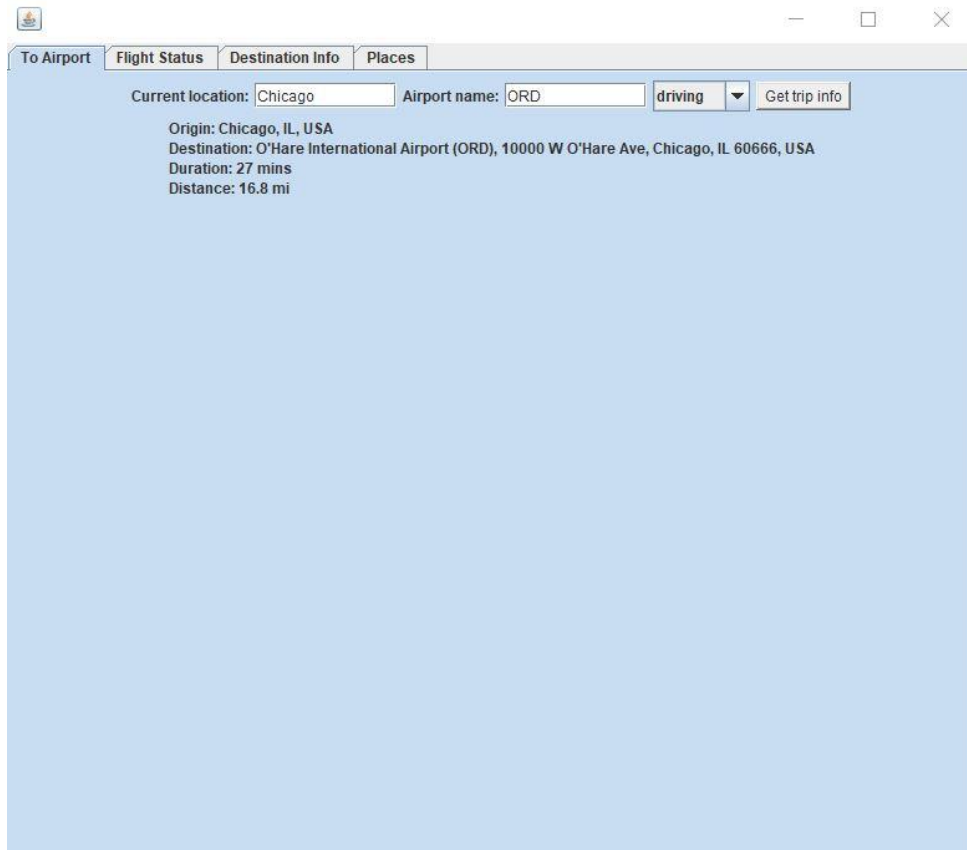


The Ultimate Flight Assistant User Manual

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The ultimate flight assistant features a lot of great functions which provide helpful information to travelers. In general, it has four main tabs and includes everything a traveler needs before starting the journey.

First, this assistant is able to generate the distance and estimated duration from user's current location to the desired airport. It supports three major methods of transportation: driving, walking, and bicycling.



The screenshot shows a web application window titled "To Airport" with four tabs: "To Airport", "Flight Status", "Destination Info", and "Places". The "To Airport" tab is active. It contains a form with the following fields and controls:

- Current location:** A text input field containing "Chicago".
- Airport name:** A text input field containing "ORD".
- Transportation method:** A dropdown menu currently set to "driving".
- Get trip info:** A button to calculate the trip details.

Below the form, the calculated trip information is displayed:

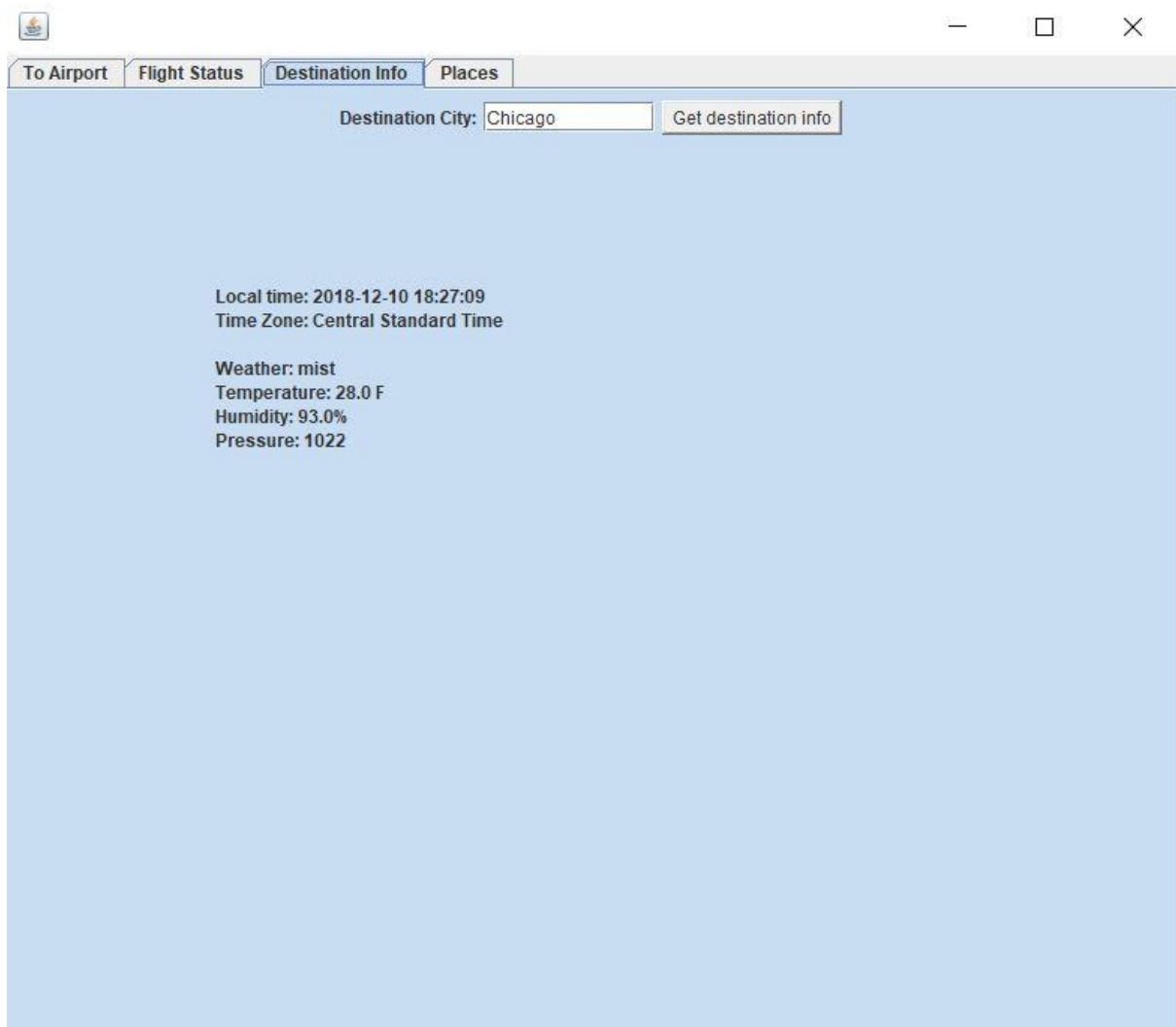
- Origin: Chicago, IL, USA
- Destination: O'Hare International Airport (ORD), 10000 W O'Hare Ave, Chicago, IL 60666, USA
- Duration: 27 mins
- Distance: 16.8 mi

The major function of the ultimate flight assistant is flight-status display. Based on the user input of IATA airport code (e.g. JFK) and flight ICAO code, this tab returns the current status of the flight, departure scheduled time, departure estimated time, IATA code of arrival airport, arrival scheduled time, arrival estimated time, airline, and TSA pre-check condition. For certain airport and flight, this function will also display gate and terminal information (if the information is provided online).

The screenshot shows a web application window titled "Flight Status" with four tabs: "To Airport", "Flight Status", "Destination Info", and "Places". The "Flight Status" tab is active. It contains input fields for "IATA airport code" (JFK) and "Flight ICAO code" (ASA4285), a dropdown menu set to "departure", and a "Get flight status" button. Below these inputs, the following flight information is displayed:

- Status: scheduled
- Scheduled Time: 2018-12-11T17:05:00
- Estimated Time: 2018-12-11T17:05:00
- Arrival Airport IATA: ORD
- Arrival Scheduled Time: 2018-12-11T19:06:00
- Arrival Estimated Time: 2018-12-11T19:06:00
- Airline: Alaska Airlines
- Precheck required: true

Don't think the ultimate flight assistant is only useful before boarding the flight. After arriving the destination, this assistant could also save user a lot time to get to know the place. In the destination info tab, based on the user input of destination, the local time, the time zone, and the weather information will be returned.



The screenshot shows a web application window with a title bar containing a small icon and standard window controls (minimize, maximize, close). The application has four tabs: 'To Airport', 'Flight Status', 'Destination Info' (which is the active tab), and 'Places'. In the 'Destination Info' tab, there is a label 'Destination City:' followed by a text input field containing the word 'Chicago'. To the right of the input field is a button labeled 'Get destination info'. Below the input field, the application displays the following information:

Local time: 2018-12-10 18:27:09
Time Zone: Central Standard Time

Weather: mist
Temperature: 28.0 F
Humidity: 93.0%
Pressure: 1022

Time zone and weather info are not the end of the story. The ultimate flight assistant is always the users' best friend who knows everything about the local information. In the places tab, if a location, a radius, and target type are inputted, it will return a list of the properties including their names, addresses, and ratings. The supported types include airport, ATM, café, car-rental, c-store, lodging, restaurant, bar, and transit station.

The screenshot shows a web application window with a title bar and standard window controls. The interface has four tabs: "To Airport", "Flight Status", "Destination Info", and "Places". The "Places" tab is selected. Below the tabs, there are three input fields: "Current location:" with the value "Madison", "Radius in ft:" with the value "200", and a dropdown menu set to "restaurant". To the right of these fields is a button labeled "Get places info". Below the input fields, a list of restaurant results is displayed, each with its name, address, and rating.

Name	Address	Rating
Nitty Gritty-Madison	223 North Frances Street, Madison	4.1
Wando's	602 University Avenue, Madison	3.9
Dotty Dumpling's Dowry	317 North Frances Street, Madison	4.5
Subway	202-204 North Charter Street, Madison	4.0
Buffalo Wild Wings	789 University Avenue, Madison	3.9
State Street Brats	1015, 603 State Street, Madison	4.0
Chipotle Mexican Grill	658 State Street, Madison	4.2
Ian's Pizza by the Slice	319 North Frances Street, Madison	4.5
A8 China	1036, 608 University Avenue, Madison	3.5
Sunroom Cafe	638 State Street, Madison	4.3
Vintage Spirits & Grill	529 University Avenue, Madison	4.3
McDonald's	1102 Regent Street, Madison	3.3