



## Quick Reference Guide

*This Quick Reference Card provides basic "getting started" information. For detailed information on how to use the Dragon, refer to the Dragon User Manual which can be downloaded from <http://dragonsatcom.com/support>.*

CONTACT FLYHT FOR DETAILS

UpTime login information



# Introduction



THIS QUICK START GUIDE PROVIDES BASIC INFORMATION ON HOW TO GET STARTED USING YOUR DRAGON SYSTEM.

FOR MORE INFORMATION AND TROUBLESHOOTING ADVICE, PLEASE REFER TO THE DRAGON USER MANUAL.

The Dragon combined with an iPad enables you to send and receive text messages through UpTime™, make voice calls, and track and monitor your flights.

**Note: The components and part numbers will vary slightly depending on the options ordered, but each Dragon includes the following major components:**

- *Dragon unit*
- *Iridium Antenna*
- *Iridium Antenna cable(s)*
- *Audio harness (Y-harness)*
- *Power supply*
- *Username and password for your UpTime account*

**IMPORTANT!** You need an iPad to set up, configure, and use your Dragon system. An iPad is NOT included with your Dragon system and must be purchased separately.

# Pre-Flight Getting Started

BEFORE YOU INSTALL YOUR DRAGON SYSTEM ON AN AIRCRAFT, SET UP THE SYSTEM AND TEST IT BY COMPLETING THE FOLLOWING STEPS.

## 1) Download the Dragon App

**Before you can use the Dragon system, you need to download the Dragon App to your iPad.**

**To download and install the Dragon App:**

1. Using the iPad, go to: [http://roboclient.herokuapp.com/latest\\_roboclient](http://roboclient.herokuapp.com/latest_roboclient). A prompt appears asking you to install RoboClient.
2. Select Install. The RoboClient installation launches on the iPad.
3. Once RoboClient is installed, tap the RoboClient icon to open RoboClient. A PIN code prompt appears.
4. Enter the PIN f7t
5. Select Continue.
6. Select the latest version 0.X.X - Dragon – iPad. The latest version should appear at the top of the list. A download prompt appears.
7. Tap Download.
8. Tap Install. The Dragon App is installed on your iPad and ready to use.

## 2) Connect the system components

**Now that you have downloaded the Dragon App to your iPad connect your Dragon system components.**

**To connect your Dragon system components:**

1. Connect the Iridium antenna cable to the antenna and to the Dragon unit at the Iridium Antenna interface connector.

**Note: The Iridium antenna requires a clear view of the sky, so position the antenna near a window to ensure a clear signal. You must have minimum signal strength of 2 bars showing on the Iridium Satellite Signal Strength indicator to send and receive data.**

2. Turn on the Dragon unit by pressing the power button on the Dragon unit. Ensure batteries are fully charged or plug the Dragon unit into an appropriate power source.

3. On your iPad, open Settings, and then select the Dragon's Wi-Fi Network: Dragon\_Net\_Unit\_<serialnumber>
4. Enter the default password 1234567890. You may update this password at anytime after your initial log in.
5. On the iPad, open the Dragon application by tapping the Dragon App icon. The Dragon App opens on your iPad. You are now ready to configure the dragon.

### 3) Configure your Contacts

**To send text messages using the Dragon system, you need to add a contact in your iPad Contacts list. Note: Text messages can only be sent to the UpTime™ web interface. However, you can dial any number directly from the Dial Pad.**

#### **To add a new contact for Text Messaging in iOS7:**

1. On the iPad, open Contacts, click the plus sign to add a new contact, and then enter a first and last name.
2. Tap Add Email.
3. Tap Home.
4. Tap Add Custom Label.
5. Enter the label: dragon text
6. On the keyboard, tap Return.
7. In the email address field, enter: DragonSetup
8. Tap Done.

**You now have a contact setup to use for sending text messages.**

**Note: You need to use the DragonSetup contact to send text messages to the UpTime™ web interface.**

### 4) Send a text message

**To verify your system operation, send a text message.**

#### **To send a text message:**

1. From your iPad, using the Dragon App tap Messages.
2. Tap Compose.

3. Compose your text message and subject.

**Note: The total message allows 1,819 characters.**

4. Click on the plus symbol to open the address book and choose the contact DragonSetup.
5. Tap Send.
6. Confirm the text message moves from the outbox to the Sent items.

## 5) Verify the text message in UpTime™

**Verify that your text message has been sent received in UpTime.**

**To verify your text message:**

1. Logon to UpTime™, and click on the Dashboard arrow.
2. Select Applications.
3. Click Dragon Mail, then click Inbox.
4. Verify your text message has been received in UpTime. Click on your message to view it.
5. Click Reply to send the message back to the iPad.
6. On the iPad confirm the returned message was received.

## 6) Make a voice call

**To verify your system operation, make a voice call.**

**To make a call:**

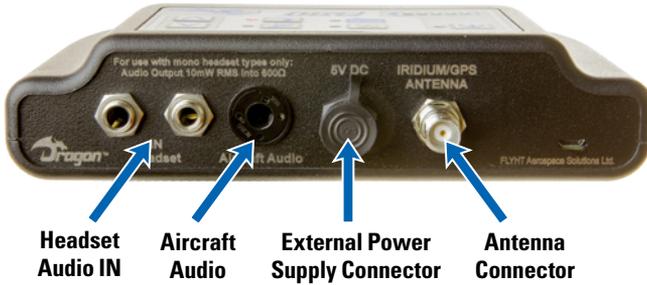
1. Tap the Dial Pad icon in the Dragon App. The dial pad screen appears.
2. Use the numeric keypad to enter the number to dial.
3. Press the green Call button to initiate the connection.

**IMPORTANT!** Remember to dial 00 before the country code (e.g. 00 1 403 555 1212). The screen shows the unit is dialing to indicate a connection is being made. Once the call is established, a timer starts running and shows the duration of the call. The status changes to Call In Progress.

**You are now ready to install and configure your Dragon System for use on your aircraft. Consult the Dragon User Manual for more information.**

# Product Overview

BEFORE GETTING STARTED, REVIEW AND LOCATE THE DRAGON UNIT INTERFACES AND DRAGON APP ICONS DESCRIBED IN THIS SECTION.



**WARNING:** When operating the Dragon system, make sure the Iridium Antenna is at least 20 cm (8”) away from any person.

## Dragon Unit Interfaces

Icon	Description
	On/Off Red when the Dragon is powered on
	Emergency Mode Flashes red when activated
	Message In Transit Green when message is being received or sent
	Do Not Disturb (On/Off) Red when Do Not Disturb is engaged
	Phone Indicator Red when phone is not available to make calls Green when phone is available
	Volume Up (voice calls)
	Volume Down (voice calls)
	Battery Indicator Flashes green (left to right) when charging

## Basic Dragon App Icons

Icon	Description
	Register a new flight
	Set OUT, OFF, ON and IN time
	Make calls and open the phone directory
	Read, compose and send messages
	Displays the values for time, latitude, longitude, height, ground speed , and track
	Change Flight Follow , Advanced, and Audio settings

**IMPORTANT!** To comply with the emission limits, only use the AC Power Cable (part number 504-3120) supplied by FLYHT.

## Dragon App Indicators and Controls

Icon	Description
	Indicates battery power
	Indicates GPS antenna signal strength
	Indicates status of Dragon Wi-Fi connection Green when connected to the Dragon Unit
	Indicates message waiting Green when message waiting
	Activates the Emergency Flight Follow interval
	Toggles Do Not Disturb mute for SatCom voice When the Do Not Disturb is activated, Ground-to-Air calls are rejected (ignored)
	Volume control for voice calls

## Dragon App Text Messaging

The top section (1) displays four icons allowing quick access to the Inbox, Outbox, Sent Items, and Compose.

The left panel (2) displays a list of the messages in the selected category.

The right panel (3) shows the content of the selected message.



# Need Help?

To obtain technical information about the Dragon product and its operation and for all other general inquires please contact FLYHT customer support.

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**E-mail:** [support@flyht.com](mailto:support@flyht.com)

**Website:** <http://flyht.com>

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