



# Redbird Navigator User's Guide

*Navigator v3.3.3*





DISPATCH



SCENARIO STORE



SIM MANAGEMENT



INSTRUCTORSTATION

# Navigator Main Menu

(Navigator "Springboard")

Select "Dispatch" to launch saved flights or start a Free Flight

Select "Scenario Store" to download pre-built flights from Redbird

Select "Sim Management" to change simulator settings and set preferences

Select "Instructor Station" during a flight to monitor and alter/affect the airplane and environment



DISPATCH



SCENARIO STORE



SIM MANAGEMENT



INSTRUCTORSTATION

1 scenario store update(s)  
available

Selecting the “Home” icon (visible on all Navigator pages) will return you to this screen

If this icon is visible, it means that new updates or flight downloads are available

Selecting this icon will display who is logged in and provide a “Logout” link

Clicking this icon will display the condition of important simulator systems

FROM STORE	★ VFR #1 - Getting Night Curr... "Create a new save file."	FROM STORE	★ VFR #10 - Abrupt Glider Tra... "Over the San Marcus VOR"	FROM STORE	★ VFR #11 - Our Nations Capit... "Washington DC SFRA"
FROM STORE	★ VFR #12 - Angel Flight "RW 36L Columbia Airport 4G8"	FROM STORE	★ VFR #13 - Buckeye Battle "Spot Landing Contest at OSU"	FROM STORE	★ VFR #14 - Los Bravos Flying ... "Over BAYST to KTOA"
FROM STORE	★ VFR #2 - Summer Camping a... "Create a new save file."	FROM STORE	★ VFR #3 - Shenandoah Sortie "Create a new save file."	FROM STORE	★ VFR #4 - FISK Arrival to OSH "Good Sim Orientation"
FROM STORE	★ VFR #5 - Plenty of Spice at S... "Crosswind Landing"	FROM STORE	★ VFR #6 - The Ultimate Short ... "The ultimate short field landing"	FROM STORE	★ VFR #7 - Hello Clearance BUR "Getting Clearance from the Ramp"
FROM STORE	★ VFR #7 - Hello Clearance LAX "Getting Clearance from the Ramp"	FROM STORE	★ VFR #7 - Hello Clearance SNA "Getting Clearance from the Ramp"	FROM STORE	★ VFR #8 - Ready to Taxi "On the SW Ramp at LGB"
FROM STORE	★	FROM STORE	★	FROM STORE	★
SAVED FLIGHT	★	SAVED FLIGHT	★	SAVED FLIGHT	★
SAVED FLIGHT	★	SAVED FLIGHT	★	SAVED FLIGHT	★
TRACE FLIGHT	★	TRACE FLIGHT	★	TRACE FLIGHT	★
TRACE FLIGHT	★ Normal Turn Learn how to fly two 180 degree turns over south...	TRACE FLIGHT	★ Normal Climb Learn how to perform a typical normal climb	TRACE FLIGHT	★ Best Angle Climb Learn how to perform a Best Angle Climb
TRACE FLIGHT	★ Best Rate Climb	TRACE FLIGHT	★ Descent	TRACE FLIGHT	★ Basic Instrument Maneuvers

Select "All" to view the menu of all saved and pre-programmed flights on your simulator. Select any flight to launch.

**CONFIRM FLIGHT START**

5 Mile Final

Lined up for landing

Aircraft  
C172-FC-G003

CANCEL START FLIGHT

After selecting a saved flight, you will be asked to confirm flight start.

Click START FLIGHT to begin.

***\*NOTE: On Jay and TD type simulators, additional information/options may be present on this screen.***

***Refer to your simulator's User Manual for specific Navigator information for your simulator model.***

Filter scenarios...

SORT A-Z ↑

<b>TRACE FLIGHT</b> ★ <b>Intro Flight</b> "Lesson 1 Introduction to Flight"	<b>TRACE FLIGHT</b> ★ <b>Straight and Level Flight</b> Learn the fundamentals of flying as you cruise the...	<b>TRACE FLIGHT</b> ★ <b>Changing Power in Straight a...</b> Changing Power In Straight And Level Flight
<b>TRACE FLIGHT</b> ★ <b>Normal Turn</b> Learn how to fly two 180 degree turns over south...	<b>TRACE FLIGHT</b> ★ <b>Normal Climb</b> Learn how to perform a typical normal climb	<b>TRACE FLIGHT</b> ★ <b>Best Angle Climb</b> Learn how to perform a Best Angle Climb
<b>TRACE FLIGHT</b> ★ <b>Best Rate Climb</b> Learn how to perform a Best Rate Climb	<b>TRACE FLIGHT</b> ★ <b>Descent</b> Learn how to descend	<b>TRACE FLIGHT</b> ★ <b>Basic Instrument Maneuvers</b> Fly the airplane with precision using instruments ...
<b>TRACE FLIGHT</b> ★ <b>Steep Turns</b> "The steep turns lesson takes several skills you've...	<b>TRACE FLIGHT</b> ★ <b>Slow Flight</b> "The slow flight lesson teaches you how the airpl...	<b>TRACE FLIGHT</b> ★ <b>Power Off Stall</b> Perform power off stall and recover safely.
<b>TRACE FLIGHT</b> ★ <b>Power On Stall</b> Perform power on stall and recover safely.	<b>TRACE FLIGHT</b> ★ <b>Rectangular Course</b> "Fly a rectangular course"	<b>TRACE FLIGHT</b> ★ <b>Turns Around a Point</b> Maintain the same distance from a landmark as y...
<b>TRACE FLIGHT</b> ★ <b>Short Field Landing</b> Perform a short field landing at KBLI on runway 16.	<b>TRACE FLIGHT</b> ★ <b>Soft Field Landing</b> Perform a soft field landing at KBLI on runway 16.	<b>TRACE FLIGHT</b> ★ <b>Go Around</b> Learn and practice the procedure for a Go Around.
<b>TRACE FLIGHT</b> ★ <b>Rejected Takeoff</b> Learn and practice the procedure for a rejected t...	<b>TRACE FLIGHT</b> ★ <b>Emergency Approach</b> Take appropriate actions based on an in-flight em...	<b>TRACE FLIGHT</b> ★ <b>IMC Maneuvers</b> Fly the airplane with precision using instruments ...

Select "Trace" to view the menu of GIFT flights/lessons on your simulator. Here, the lessons appear "unlocked."



FAVORITES



ALL



TRACE



SAVED



FREE FLIGHT



Filter scenarios...

SORT A-Z ↑

## ENTER YOUR PIN

#####

1

2

3

4

5

6

7

8

9

0

SUBMIT CODE

CLEAR

CANCEL

Once a GIFT USB license key is inserted, this window will appear. Input your PIN and click "Submit Code" to unlock the GIFT lessons.



## IFR #13 - Partial Problem

"Over ORCUT at 070"







OVERVIEW	CHECKLIST
<p>You're enroute IFR from Monterey, CA to Santa Barbara, CA on a turbulent day in hard IMC. You say, bring it on... OK.</p> <p>Not for the faint of heart or weak of bowel, this lucky #13 will really push your skills as you deal with turbulence in IMC and then a vacuum failure to boot. Stay in control as your vestibular system goes out to lunch. Use the remaining avionics and ATC to use to produce a safe outcome.</p> <p>You'll start out over the ORCUT intersection, level at 7000ft in the soup. The cleared route is BSR V27 GVO into KSBA. You've just been handed to the next Santa Barbara Approach sector on 120.55. Give them a call and let's see how things unfold.</p> <p>SAFE and NAFI instructors will be glad to help you prep or debrief if you have any questions.</p>	
<p style="text-align: right;"><a href="#">CANCEL</a> <a href="#">START LESSON &gt;</a></p>	

After selecting a GIFT lesson, or certain flights downloaded from Redbird, flight prebrief information will appear

Click **START LESSON** to begin the flight

FROM STORE	★ IFR #1 - Easy Does it Into Lo... "ILS RW 30 KLGB"	FROM STORE	★ IFR #10 - Situational Awaren... "SBA to OXR"	FROM STORE	★ IFR #11 - Flight Planner "On the ground at KSNA"
FROM STORE	★ IFR #12 - Straight out of Ann... "SBA to SMO"	FROM STORE	★ IFR #13 - Partial Problem "Over ORCUT at 070"	FROM STORE	★ IFR #2 - Here Comes the We... "LDA RW 20R at KSNA"
FROM STORE	★ IFR #3a - Make it Rain Appro... "On Ramp at KSNA, to KTOA"	FROM STORE	★ IFR #3b - Make it Rain Going ... "ILS RW 29R KTOA"	FROM STORE	★ IFR #4 - We have Clearance ... "Three full Route Tower Enroute Clearances (TE..."
FROM STORE	★ IFR #5 - Choosing the Least ... "Ramp at KDSM"	FROM STORE	★ IFR #6 - SID Vicious "KTEB"	FROM STORE	★ IFR #7 - Hold On a Minute "8nm NW from PACIF"
FROM STORE	★ IFR #8 - Approach Mode A C... "Circle to Land at KLGB"	FROM STORE	★ IFR #9 - Approach Mode B D... "010 alt 5 nm SW of PAGRE ILS 17 KMTJ"		

Select "Saved" to view the menu of saved flights on your simulator. Select any flight to launch.

       
Filter scenarios...

SORT A-Z ↑

SAVED FLIGHT

## ★ 5 Mile Final

Lined up for landing



SAVED FLIGHT

## ★ Dead Sea vs Leadville

Take off from Dead sea and from Leadville. Comp...



SAVED FLIGHT

## ★ Departing KAUS

Climbing out of Austin Bergstrom International A...



FROM STORE

## ★ IFR #10 - Situational Awaren...

"SBA to OXR"

Select "Favorites" to view the menu of flights that you have labeled as favorites on your simulator. Select any flight to launch.

FROM STORE	★ VFR #1 - Getting Night Curr... "Create a new save file."	FROM STORE	★ VFR #10 - Abrupt Glider Tra... "Over the San Marcus VOR"	FROM STORE	★ VFR #11 - Our Nations Capit... "Washington DC SFRA"
FROM STORE	★ VFR #12 - Angel Flight "RW 36L Columbia Airport 4G8"	FROM STORE	★ VFR #13 - Buckeye Battle "Spot Landing Contest at OSU"	FROM STORE	★ VFR #14 - Los Bravos Flying ... "Over BAYST to KTOA"
FROM STORE	★ VFR #2 - Summer Camping a... "Create a new save file."	FROM STORE	★ VFR #3 - Shenandoah Sortie "Create a new save file."	FROM STORE	★ VFR #4 - FISK Arrival to OSH "Good Sim Orientation"
FROM STORE	★ VFR #5 - Plenty of Spice at S... "Crosswind Landing"	FROM STORE	★ VFR #6 - The Ultimate Short ... "The ultimate short field landing"	FROM STORE	★ VFR #7 - Hello Clearance BUR "Getting Clearance from the Ramp"
FROM STORE	★ VFR #7 - Hello Clearance LAX "Getting Clearance from the Ramp"	FROM STORE	★ VFR #7 - Hello Clearance SNA "Getting Clearance from the Ramp"	FROM STORE	★ VFR #8 - Ready to Taxi "On the SW Ramp at LGB"
FROM STORE	★				
SAVED FLIGHT	★				
SAVED FLIGHT	★				
TRACE FLIGHT	★				
TRACE FLIGHT	★ Normal Turn Learn how to fly two 180 degree turns over south...	TRACE FLIGHT	★ Normal Climb Learn how to perform a typical normal climb	TRACE FLIGHT	★ Best Angle Climb Learn how to perform a Best Angle Climb
LIGHT	★ Best Rate Climb	LIGHT	★ Descent	LIGHT	★ Basic Instrument Maneuvers

To make a flight a "Favorite," simply click or tap the star.

The star will turn solid when it has been made a "Favorite" and will appear on the Favorites menu.

To "un-favorite" a flight, click or tap the star again.



## POSITION

Start From

## TIME

DAWN

DAY

DUSK

NIGHT

## WEATHER

Visibility

50

SM

Wind Direction

360

Wind Speed

0

KT

Gusting To

0

KT

Turbulence

None

Cloud Coverage

SKC (0/8)

Cloud Base

0

AGL

Precipitation Type

None

Precipitation Rate

Very Light

RESET

START FLIGHT

Selecting "Free Flight" brings you to the Free Flight configuration and launch menu.

FAVORITES

ALL

TRACE

SAVED

FREE FLIGHT



FAVORITES



ALL



TRACE



SAVED



FREE FLIGHT

## POSITION

Start From

Q khyi



## AIRPORTS

**KHYI: San Marcos Mun**

San Marcos, Texas, United States

## RUNWAYS

RWY 8

RWY 13

RWY 17

RWY 26

RWY 31

RWY 35

## TIME

DAWN

DAY

DUSK

NIGHT

## WEATHER

Visibility

50

SM

Wind Direction

360

°

Wind Speed

0

KT

Gusting To

0

KT

Turbulence

Cloud Coverage

SKC (0/8)



Cloud Base

0

AGL

Precipitation Type

None



Precipitation Rate

Very Light



## STARTING A FLIGHT ON A RUNWAY

First, input the ICAO identifier of any airport in the world. The airport name and available runways will appear. Select a runway.

RESET

START FLIGHT



## POSITION

Start From

KHYI: San Marcos Mun

Runway

RWY 17

IN AIR

ON GROUND

## TIME

DAWN

DAY

DUSK

NIGHT

## WEATHER

Visibility

50

SM

Wind Direction

360

°

Wind Speed

0

KT

Gusting To

0

KT

Turbulence

Cloud Coverage

SKC (0/8)

Cloud Base

0

AGL

Precipitation Type

None

Precipitation Rate

Very Light

In this example, we'll take off from Runway 17 at San Marcos Municipal Airport in San Marcos, Texas, USA.

RESET

START FLIGHT

## POSITION

Start From

KHYI: San Marcos Mun

Runway

RWY 17

IN AIR

ON GROUND

## TIME

DAWN

DAY

DUSK

NIGHT

## WEATHER

Visibility

23

SM

Wind Direction

177

Wind Speed

5

KT

Gusting To

7

KT

Turbulence

None

Cloud Coverage

SCT (3/8)

Cloud Base

3500

AGL

Precipitation Type

Snow

Precipitation Rate

Light

RESET

START FLIGHT

Select time of day and weather conditions as desired. Note that Visibility is expressed in statute miles, and the Cloud Base is expressed as feet above ground level, relative to the airport.

Select START FLIGHT to begin.



## POSITION

Start From

Q kaus

## AIRPORTS

**KAUS: Austin Bergstrom Intl**  
Austin, Texas, United States

## RUNWAYS

RWY 17 LEFT

RWY 17 RIGHT

RWY 35 LEFT

RWY 35 RIGHT

## TIME

DAWN

DAY

DUSK

NIGHT

## WEATHER

Visibility

50

SM

Wind Direction

360

Wind Speed

0

KT

Gusting To

0

KT

Turbulence

Cloud Coverage

SKC (0/8)

Cloud Base

0

AGL

Precipitation Type

None

Precipitation Rate

Very Light

## STARTING A FLIGHT IN THE AIR

First, input the ICAO identifier of any airport in the world. The airport name and available runways will appear. Select a runway (Why? See the next slide!)

RESET

START FLIGHT

## POSITION

Start From

Runway

IN AIR

ON GROUND

Heading

Altitude

MSL

Radial

Distance

NM

First, select "IN AIR"

## TIME

DAWN

DAY

DUSK

NIGHT

## WEATHER

Visibility

SM

Wind Direction

Wind Speed

KT

Gusting To

KT

Turbulence

Cloud Coverage

Cloud Base

AGL

Precipitation Type

Precipitation Rate

RESET

START FLIGHT

By default, the airplane is positioned on a 5-mile final at 1,000 feet AGL for the runway you've selected. However, you may change the airplane's position and airspeed as desired.

In the example seen here, the airplane's position has been changed by the user to 40 nautical miles FROM the airport on radial 282 at 5,000 feet MSL, heading 260. The airplane's airspeed has been set to 105 knots indicated.

Select time of day and weather conditions as desired.

Select START FLIGHT to begin.

## Available Scenarios

NEW SCENARIO

## EAAPPC Bundle

Contains all the IFR and VRF Scenarios fro...



All flights and flight sets available for download from Redbird will appear here. In this example, one flight set is available.


Click the cloud icon to download.

## Available Scenarios

**NEW SCENARIO**

**EAAPPC Bundle**

Contains all the IFR and VRF Scenarios fro...



If you have already downloaded the flight or flight set, a trash can icon will appear.

If you want to delete the downloaded flight or flight set, click the trash can icon and the flight(s) will be removed.

- OVERVIEW
- DEVICES
- UPDATES
- SETTINGS
- SUPPORT

Overview	
Hobbs Time	0.0
Serial Number	harvey01
Location	RBHQ_Harvey
LogMeIn ID	Redbird_Harvey Desktop
SOFTWARE VERSIONS	
Navigator	3.3.3
RealNav	
SIM ACTIONS	
<b>RESTART</b>	<b>SHUTDOWN</b>

Indicates total hours sim has been used – works just like a Hobbs meter on an airplane

Unique serial number for your simulator

User-defined location of simulator

Remote connection ID for simulator (used by Redbird Tech Support)

Navigator version number

Select to restart or shutdown the simulator

## Devices

✓ Internet	1ms
✓ Avionics Panel C172-FC-G003	<4ms
✓ Switch Panel	<4ms
✓ Yoke	<4ms
✓ Throttle	<4ms
✓ Rudder Pedals	<4ms
✗ Motion System	<4ms

[Contact Redbird Support](#)

Similar to the information displayed when clicking the “gear” icon in the upper-right corner of any Navigator menu screen.

Health of major simulator elements is shown.

Please Login to View Updates

Password

.....

LOGIN

To check for updates, type the password

Redbird12345

Then select "LOGIN"  
*(\*NOTE: Password is case-sensitive)*

Please Enter Password to Proceed

Password

.....

LOGIN

To view settings, input the password

Redbird12345

Then select "LOGIN"  
*(\*NOTE: Password is case-sensitive)*



### Sim Settings

Sidekick Uploads Enabled



Anonymous Mode Enabled



Free Flight Enabled



Scenario Store Enabled



Find My Sim Enabled



Require Password to  
Restart/Shutdown Sim



Use Metric Units



Auto Apply Critical Updates



Desired Software Stability

STABLE ▼

### Sim Customization Settings

Name

harvey01

Tail Number for C172-FC-G003

N9832U

SAVE

### Sim Admin Settings

Name

Chuck Yeager

Email

cyeager@machone.com

Phone Number

512-555-1200

CHANGE PASSWORD

SAVE

Select the question marks for detailed descriptions of each item in the Settings menu.

## Contact Support

Your First Name

Chuck

Your Last Name

Yeager

Your Email Address

cyeager@machone.com

Please Describe the Issue

I think my sonic boom blew out one of the speakers.

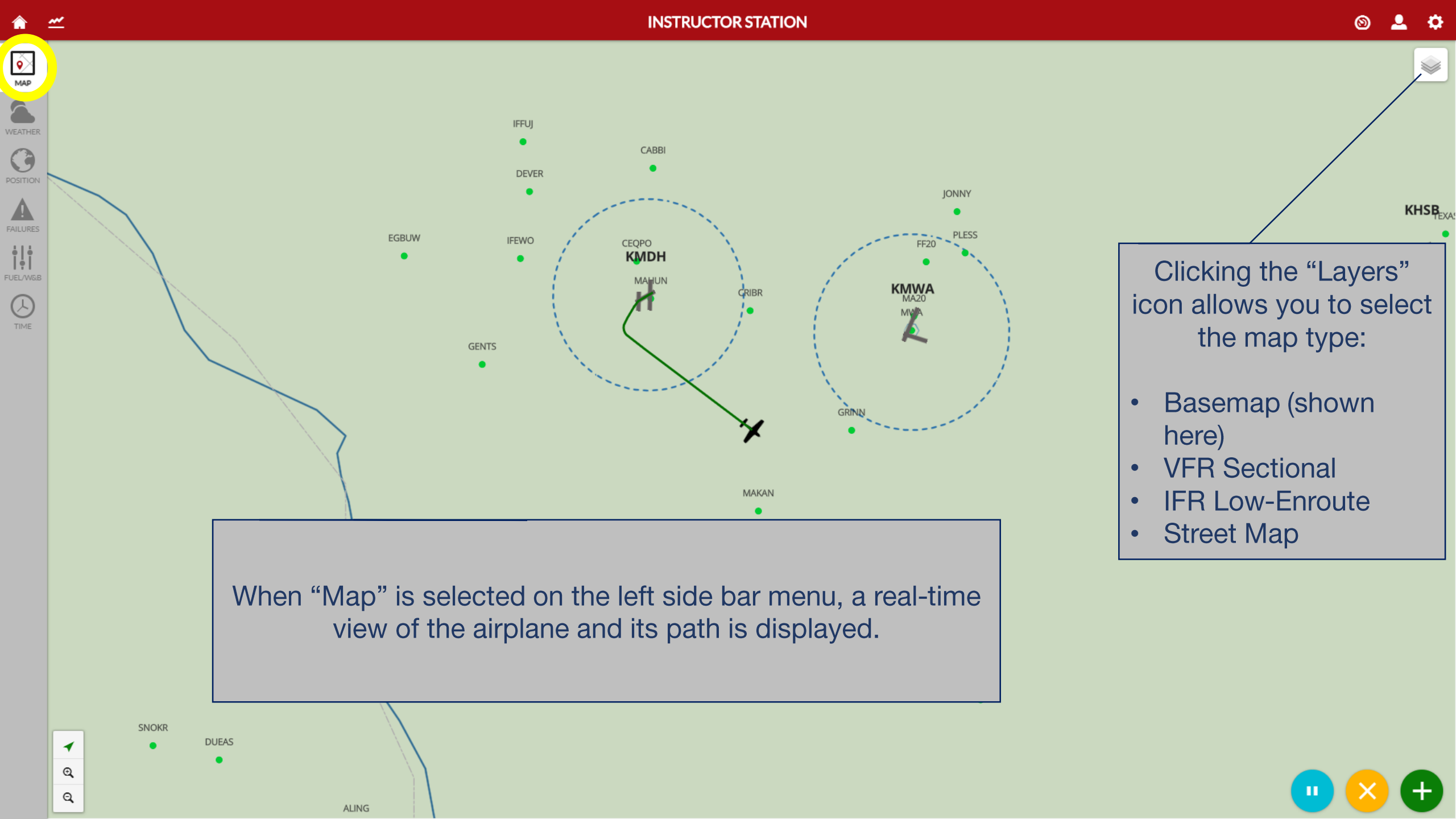
CANCEL

OPEN SUPPORT CASE

Fill out the Contact Support form to create a support ticket with Redbird Technical Support.

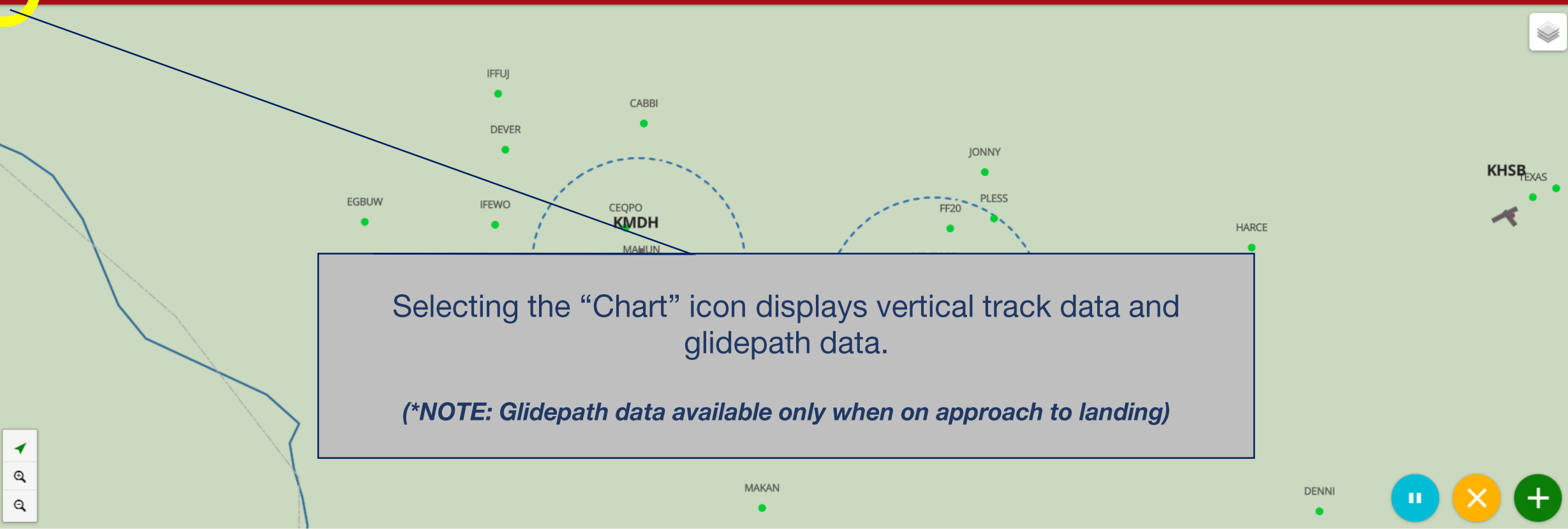
# Instructor Station







- MAP
- WEATHER
- POSITION
- FAILURES
- FUEL/WGB
- TIME

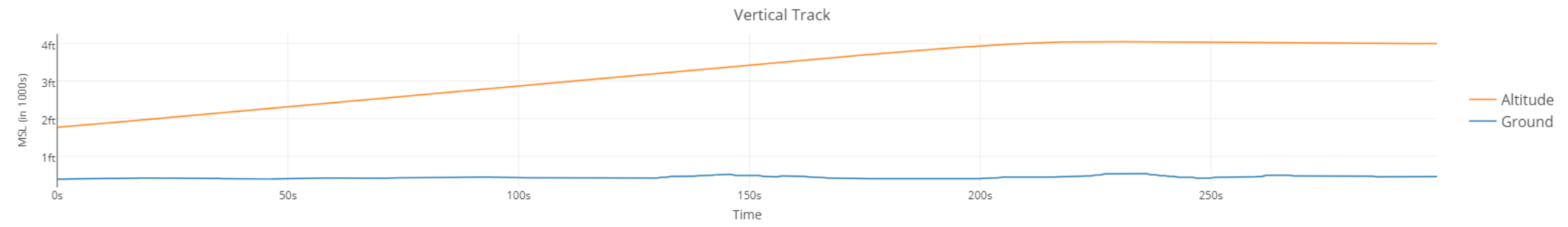


Selecting the "Chart" icon displays vertical track data and glidepath data.

*(\*NOTE: Glidepath data available only when on approach to landing)*

VERTICAL TRACK | GLIDEPATH

CLOSE X



METAR	ALTITUDE	HEADING	TRACK	IAS	GS	VS	WIND	RPM	MP	FLAPS	GEAR
2285KT 20SM FEW042 26/25 A2921	4000	132	130	104	116	-6	228 5KT	2516	25	0°	UP

**BASIC WEATHER**
ADVANCED WEATHER

**WIND DIRECTION**

228

**WIND SPEED**

5 kt

**WIND GUSTING TO**

0 kt

**TURBULENCE**

None       Heavy  
 Light       Severe  
 Moderate

**BASIC CONDITIONS**

Clear       IFR     LIFR  
 VFR       CAT-1  
 MVFR

**VFR CONDITIONS**

Scattered     Rain Showers  
 Pop-up TS     Snow Showers

**IFR CONDITIONS**

Heavy Rain     Embedded TS  
 Wintry Mix     North Pole

CANCEL APPLY WEATHER

When "Weather" is selected, basic weather information is displayed.

To change the weather while the simulation is running, edit the weather values in the menu above, then select "APPLY WEATHER."

Selecting this icon from any Instructor Station screen will display real-time airplane and weather data (shown in the gray bar across the top of the screen)

*\*NOTE: Wind Direction can be changed by dragging the red directional indicator around the circle.*



METAR

2285KT 20SM FEW042 26/25 A2921

WEATHER

BASIC WEATHER

ADVANCED WEATHER

SURFACE CONDITIONS:

EDIT ALL

EDIT

Temp &amp; Pressure:

26/25 29.21

EDIT

Surface Visibility:

20SM 182MSL

EDIT

Surface Wind:

2285KT 030MSL  
Turbulence: Light  
Wind Shear: Moderate

VISIBILITY:

ADD LAYER

CLEAR ALL

EDIT

Surface Visibility:

20SM 182MSL

No Visibility Layer Active

ADD LAYER

CLOUDS:

ADD LAYER

CLEAR ALL

EDIT

Cloud Layer 1:

FEW(2/8) 042MSL  
Turbulence: Moderate  
Precipitation: Moderate None  
Icing: None

EDIT

Cloud Layer 2:

OVC(8/8) 295MSL  
Turbulence: Moderate  
Precipitation: Light None  
Icing: None

CANCEL

APPLY WEATHER

Selecting the  
“Advanced Weather”  
tab displays detailed  
weather conditions.

METAR

2285KT 20SM FEW042 26/25 A2921

Current METAR

BASIC WEATHER

ADVANCED WEATHER

SURFACE CONDITIONS:

EDIT ALL

EDIT Temp & Pressure: 26/25 29.21

EDIT Surface Visibility: 20SM 182MSL

EDIT Surface Wind: 2285KT 030MSL  
Turbulence: Light  
Wind Shear: Moderate

VISIBILITY:

ADD LAYER

CLEAR ALL

EDIT Surface Visibility: 20SM 182MSL

No Visibility Layer Active

ADD LAYER

CLOUDS:

ADD LAYER

CLEAR ALL

EDIT Cloud Layer 1: FEW(2/8) 042MSL  
Turbulence: Moderate  
Precipitation: Moderate None  
Icing: None

EDIT Cloud Layer 2: OVC(8/8) 295MSL  
Turbulence: Moderate  
Precipitation: Light None  
Icing: None

CANCEL

APPLY WEATHER

Detailed current conditions are indicated in this column.

Selecting any of the circled items allows you to either edit current weather, add/remove layers of weather, or clear all weather to ISA.



METAR

2285KT 205M FEW042 26/25 A2921

WEATHER

## SURFACE CONDITIONS

## TEMP &amp; PRESSURE

## INTERNATIONAL STANDARD ATMOSPHERE

Set ISA  OFF

## SURFACE TEMPERATURE

 26 C°

## SURFACE DEW POINT

 25 C°

## SEA LEVEL PRESSURE

 29.21 inHg

## SURFACE VISIBILITY

## DISTANCE

 19.88 sm

## LAYER TOP

 18209 MSL

## SURFACE WIND

## DIRECTION



## SPEED

 5 kt

## GUSTING TO

 kt

## WIND SHEAR

 Gradual  Moderate  Steep  Instantaneous

## TURBULENCE

 None  Light  Heavy  Severe  
 Moderate

CANCEL

ACCEPT CHANGES

If you selected to edit Temp & Pressure, Surface Visibility, or Surface Wind, you will see this menu.

Edit any weather conditions as desired, then click “ACCEPT CHANGES.”

*On the next screen, you must then select “APPLY WEATHER” for your changes to take effect.*





METAR

2285KT 20SM FEW042 26/25 A2921



ADD LAYER

VISIBILITY

CLEAR ALL

SURFACE VISIBILITY

DISTANCE



19.88

sm

LAYER TOP



18209

MSL

VISIBILITY LAYER 1

DELETE LAYER

DISTANCE



50.00

sm

LAYER BOTTOM



18210

MSL

LAYER TOP



31867

MSL

VISIBILITY LAYER 2

DELETE LAYER

DISTANCE



1.00

sm

LAYER BOTTOM



31868

MSL

LAYER TOP



45420

MSL

CANCEL

ACCEPT CHANGES

If you selected to edit Visibility (which will include surface visibility), you will see this menu.

Edit any conditions as desired, add or remove layers, then click “ACCEPT CHANGES.”

*On the next screen, you must then select “APPLY WEATHER” for your changes to take effect.*

**\*NOTE:** some advanced weather conditions cannot be changed unless the simulation is paused. If you attempt to change any weather values but they return to their original value, pause the flight and try again.



METAR

2285KT 20SM FEW042 26/25 A2921



ADD LAYER

CLOUDS

CLEAR ALL

CLOUD LAYER 1

DELETE LAYER

## LAYER COVERAGE

- FEW (1/8)
  FEW (2/8)
  BKN (5/8)
  BKN (6/8)
  SCT (3/8)
  SCT (4/8)
  OVC (7/8)
  OVC (8/8)

## LAYER TYPE &amp; TOP

- Cirrus | 5,800MSL
  Cumulus | 14,200MSL
  Stratus | 6,200MSL
  Thunderstorm | 24,200MSL

## PRECIPITATION TYPE

- None
  Rain
  Snow

## ICING

- None
  Light
  Trace
  Moderate
  Severe

## LAYER BASE

4200 MSL

## LAYER TURBULENCE

- None
  Light
  Heavy
  Severe
  Moderate

## PRECIPITATION RATE

- Very Light
  Light
  Heavy
  Very Heavy
  Moderate

CANCEL

ACCEPT CHANGES

If you selected to edit Clouds, you will see this menu.

Edit any conditions as desired, add or remove layers, then click “ACCEPT CHANGES.”

*On the next screen, you must then select “APPLY WEATHER” for your changes to take effect.*

**\*NOTE:** some advanced weather conditions cannot be changed unless the simulation is paused. If you attempt to change any weather values but they return to their original value, pause the flight and try again.



MAP



WEATHER



POSITION



FAILURES



FUEL/WGB



TIME

## POSITION

Start From



Runway



IN AIR

ON GROUND

Heading



Altitude

MSL

Airspeed

KT

Radial



Distance

NM


REPOSITION 

Airplane position may be changed during flight. This menu works exactly the same as the Free Flight menu.



Current Failures

RESET ALL

TURN COORD 

## FAILURES

## STEAM FAILURES

AIRSPEED ALTIMETER ATTITUDE COMPASS HEADING VERICAL SPEED ADF ELECTRIC PITOT STATIC VACUUM L BRAKE R BRAKE TURN COORD  FAILALTERNATOR GPS RAIM PREDICT GPS RAIM FAILURE NAV 1 NAV 2 GS FAIL 

## SE ENGINE FAILURES

ENGINE RIGHT MAGNETO LEFT MAGNETO 

## REDBIRD BREAKER STATES

FLAPS

AVIONICS

AUTO PILOT

LDG GEAR

PITOT HEAT

Various devices and systems can be manually failed in real time from the Failures menu.

Select any item to cause 100% failure immediately. Select again to restore the item to working condition.



Weight

Fuel

2,209 lbs (Max: 2,550 lbs)

37 gal (Max: 53 gal)



## FUEL/WEIGHT &amp; BALANCE

## FUEL

SET FULL FUEL

## LEFT TANK

## RIGHT TANK

 18.3 gal 18.3 gal

## WEIGHT &amp; BALANCE

## PILOT

## CO-PILOT

 170 lbs 170 lbs

## PASSENGER 1

## PASSENGER 2

 0 lbs 0 lbs

## BAGGAGE

 0 lbs

CANCEL

APPLY FUEL/W&amp;B

Fuel levels, weight, and balance can be adjusted in real time from this menu.

Fuel can be added/subtracted from left or right fuel tanks, and weight can be added/subtracted from 5 different positions in the cockpit.



Zulu

Local

14:55

09:55

## TIME

## TIME OF DAY

- Day  
 Night

- Dawn  
 Dusk

## USE LOCAL TIME



HOURS



MINUTES



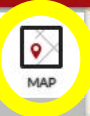
CANCEL

APPLY TIME

Time of Day can be adjusted generally or specifically here.

Be aware that changing the time may result in the simulation pausing briefly to reload scenery appropriate to the time of day.





Clicking the green 'X' icon gives you the option to save the current flight, print the screen, or reposition the airplane to the starting point of your current flight.

Clicking the blue "Pause" button will pause the simulation, and clicking the amber 'X' button will end the simulation.

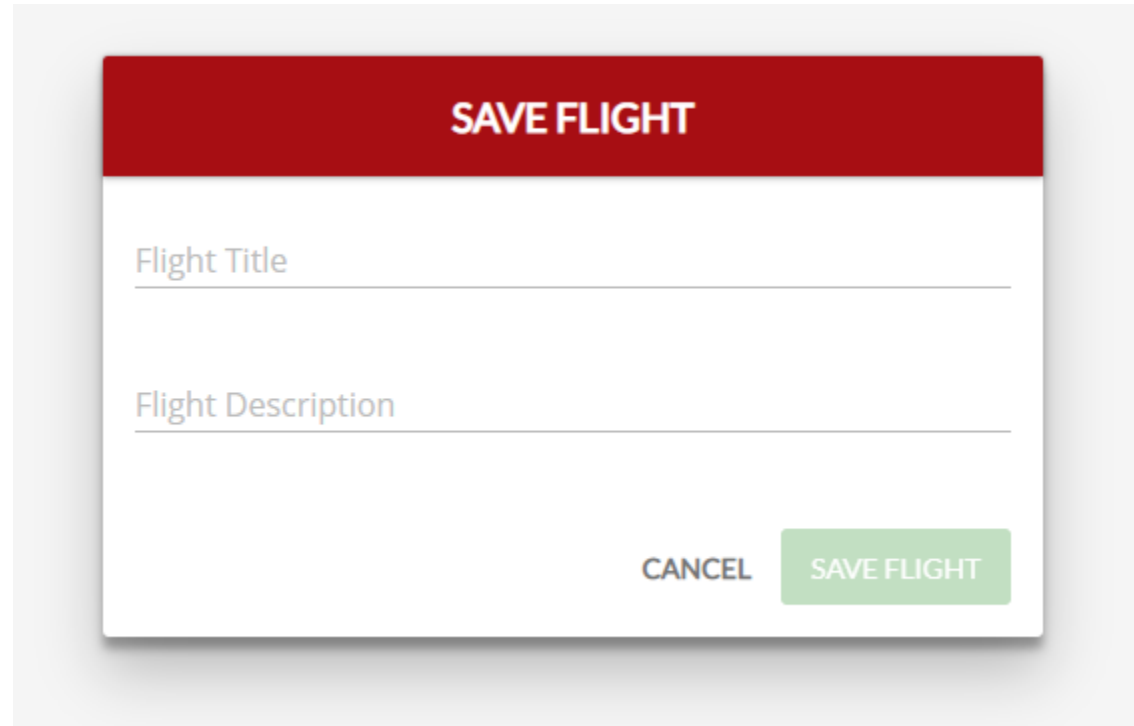
Save Flight

Print

Reposition To Last Start







**SAVE FLIGHT**

Flight Title

Flight Description

CANCEL SAVE FLIGHT

If you select “Save Flight” this screen will appear. Name your saved flight and provide and a brief description, then select “Save Flight.”

Your flight will now appear in the “Saved Flights” and “All” menus in Navigator Dispatch.





WEATHER

POSITION

FAILURES

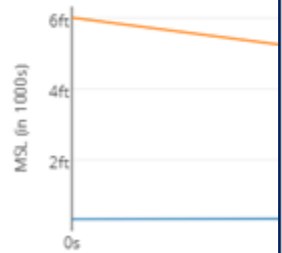
FUEL/WGB

TIME



VERTICAL TRACK

GLIDEPA



Clicking or tapping anywhere on the map opens a “Reposition” window, indicating the Lat and Lon of that point. If you click on the “Clicked Location” portion of the “Reposition” window, a new menu will appear allowing you to move the airplane.

### REPOSITION

REFERENCE POINT

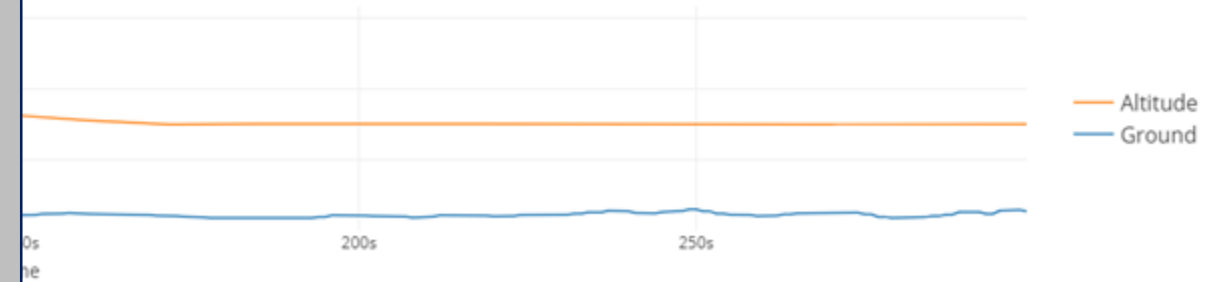
Clicked Location  
Lat: 37° 13' 55.1372", Long: -88° 21' 18.2420"

TINGS



CLOSE X

Vertical Track

Altitude  
Ground



MAP



WEATHER



POSITION



FAILURES



FUEL/WGB



TIME

## POSITION

Start From



Heading

 °

Altitude

 MSL

Airspeed

 KT

Radial

 °

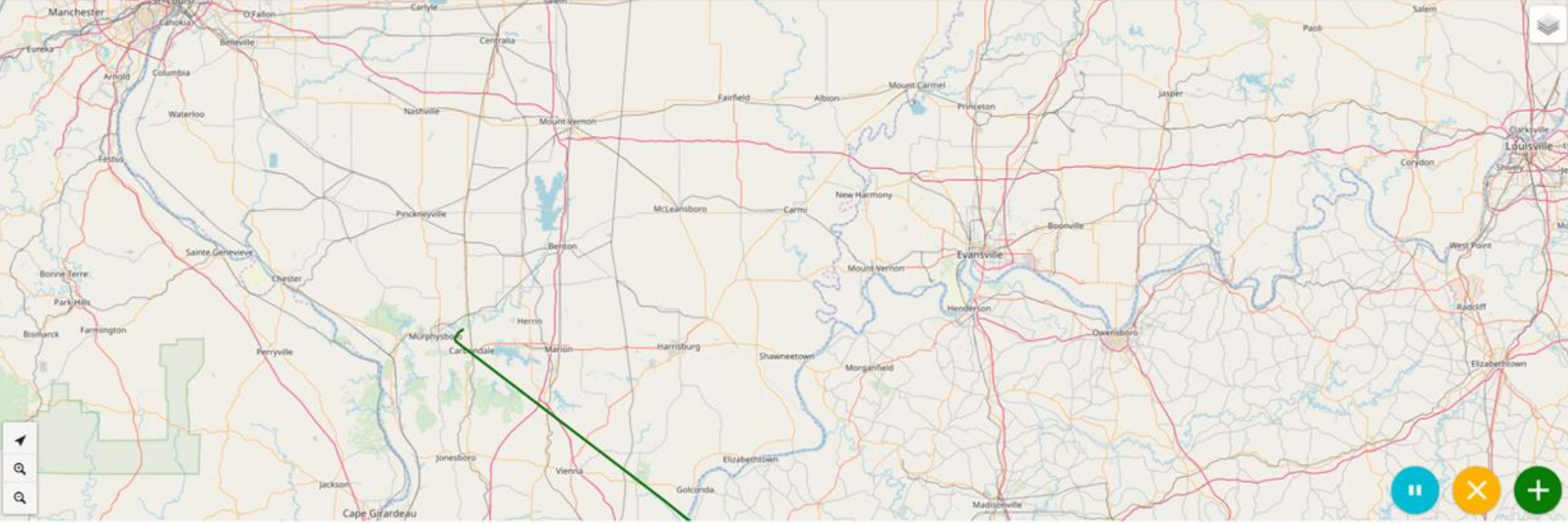
Distance

 NM

REPOSITION &gt;

The “Reposition” Lat and Lon from your selected point auto-populates in the “Start From” field above. Fill out the remaining fields to position your airplane as desired, then click “Reposition.”

- MAP
- WEATHER
- POSITION
- FAILURES
- FUEL/ANSB
- TIME



VERTICAL TRACK **GLIDEPATH**

CLOSE X

### Glidepath



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Monday – Friday 8:00a.m. – 6:00 p.m. CT

US Central Time

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