

# Logging a Flight using wACARS

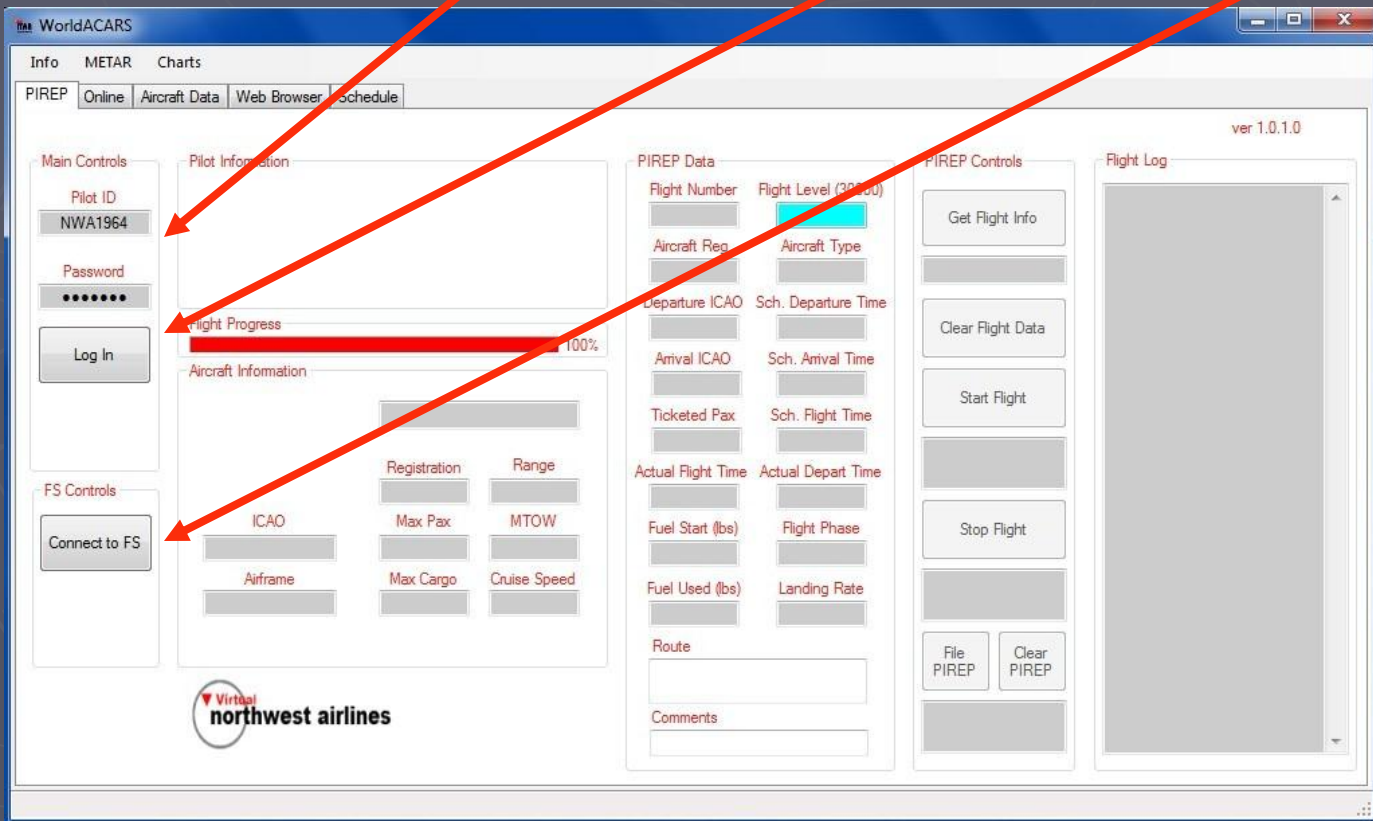
- The purpose of this training presentation will cover how to start and log a Flight/PIREP for Virtual Northwest Airlines .
- This presentation will give step by step illustrations of the process of starting and capturing a flight using the World ACARS system.

# Logging a Flight using wACARS

- You should have already activated your wACARS account and have the software loaded on your computer.
- The first step is start your Flight Simulator and set up your flight. Flight simulator needs to be running so wACARS will recognize it to start the tracking.
- Make sure your engines are shut down.
- Next you need to open wACARS

# Logging a Flight using wACARS

- Open the wACARS program to acquire the screen below.
- Enter your Username and Password, click login & Connect to FS





# Logging a Flight using wACARS

→ Once you log in you should see your wACARS screen like below with all your pilot information and connection confirmation.

WorldACARS

Info METAR Charts

PIREP Online Aircraft Data Web Browser Schedule

ver 1.0.1.0

**Main Controls**

Pilot ID  
NWA1964

Password  
••••••

Log In

**FS Controls**

Connect to FS

**Pilot Information**

NWA1964 Mark Toler  
Senior Vice President, KSTP  
Total Flights: 133  
Total Hours: 278.12  
Total Earnings: 381226

virtual nwa  
Northwest Airlines  
powered by PHAWP Virtual Northwest Airlines

Flight Progress  
100%

**Aircraft Information**

Registration Range

ICAO Max Pax MTOW

Airframe Max Cargo Cruise Speed

Virtual northwest airlines

**PIREP Data**

Flight Number Flight Level (30000)

Aircraft Reg Aircraft Type

Departure ICAO Sch. Departure Time

Arrival ICAO Sch. Arrival Time

Ticketed Pax Sch. Flight Time

Actual Flight Time Actual Depart Time

Fuel Start (lbs) Flight Phase

Fuel Used (lbs) Landing Rate

Route

Comments

**PIREP Controls**

Get Flight Info

Clear Flight Data

Start Flight

Stop Flight

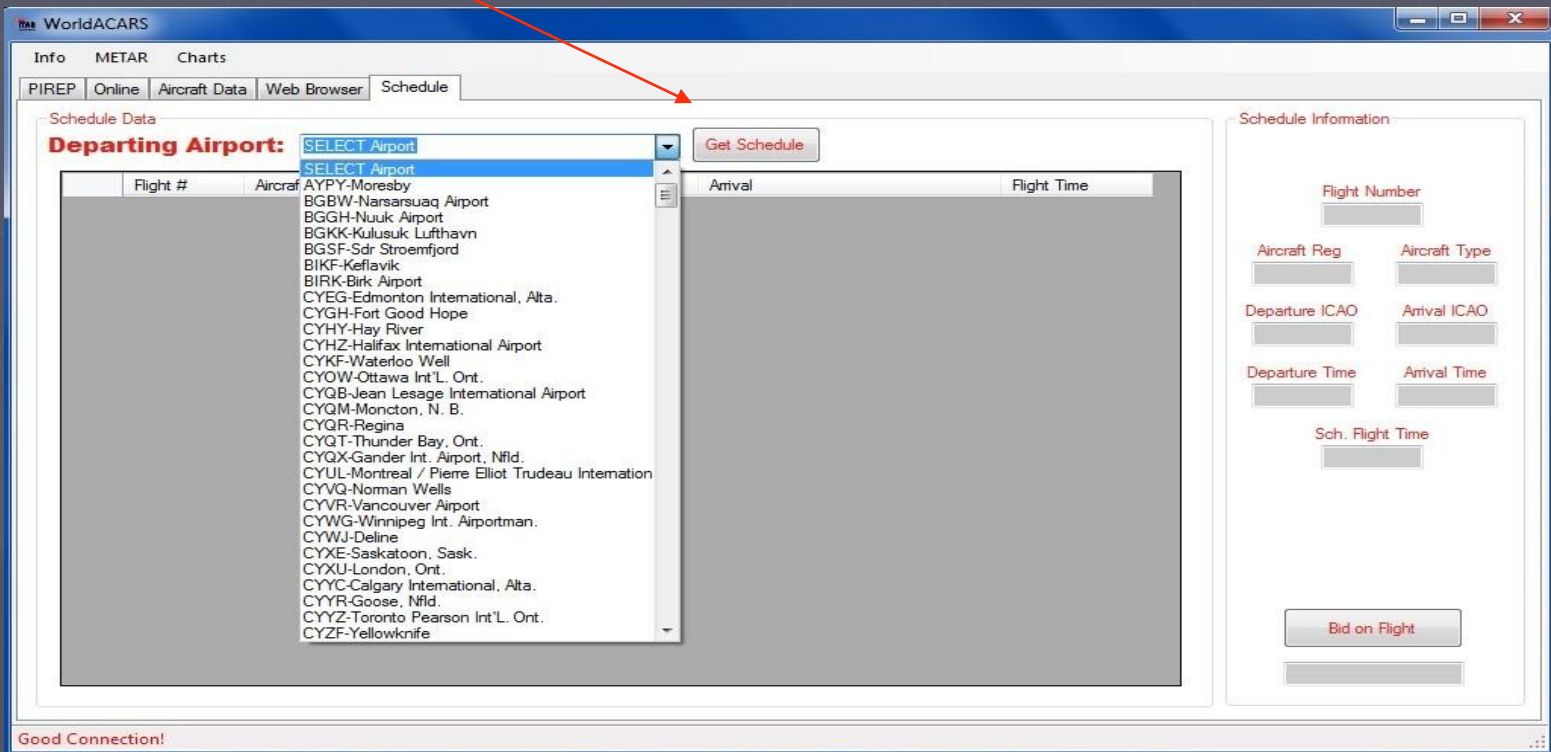
File PIREP Clear PIREP

**Flight Log**

Good Connection!

# Logging a Flight using wACARS

- Next click on the “Schedule Tab”.
- Select your departing city out of the drop box and click on “Get Schedule”
- You can also bid on your flight from the Website as well.



The screenshot shows the WorldACARS website interface. The 'Schedule' tab is selected, and a red arrow points to the 'Get Schedule' button. The 'Departing Airport' dropdown menu is open, showing a list of airports. The 'Schedule Information' section on the right contains input fields for Flight Number, Aircraft Reg, Aircraft Type, Departure ICAO, Arrival ICAO, Departure Time, Arrival Time, and Sch. Flight Time. A 'Bid on Flight' button is also visible at the bottom.

WorldACARS

Info METAR Charts

PIREP Online Aircraft Data Web Browser Schedule

Schedule Data

Departing Airport:

| Flight # | Aircraft                                         | Arrival | Flight Time |
|----------|--------------------------------------------------|---------|-------------|
|          | AYPY-Moresby                                     |         |             |
|          | BGBW-Narsarsuaq Airport                          |         |             |
|          | BGGH-Nuuk Airport                                |         |             |
|          | BGKK-Kulusuk Lufthavn                            |         |             |
|          | BGSF-Sdr Stroemfjord                             |         |             |
|          | BIKF-Keflavik                                    |         |             |
|          | BIRK-Birk Airport                                |         |             |
|          | CYEG-Edmonton International, Alta.               |         |             |
|          | CYGH-Fort Good Hope                              |         |             |
|          | CYHY-Hay River                                   |         |             |
|          | CYHZ-Halifax International Airport               |         |             |
|          | CYKF-Waterloo Well                               |         |             |
|          | CYOW-Ottawa Int'L. Ont.                          |         |             |
|          | CYQB-Jean Lesage International Airport           |         |             |
|          | CYQM-Moncton, N. B.                              |         |             |
|          | CYQR-Regina                                      |         |             |
|          | CYQT-Thunder Bay, Ont.                           |         |             |
|          | CYQX-Gander Int. Airport, Nfld.                  |         |             |
|          | CYUL-Montreal / Pierre Elliot Trudeau Intemation |         |             |
|          | CYVQ-Norman Wells                                |         |             |
|          | CYVR-Vancouver Airport                           |         |             |
|          | CYWG-Winnipeg Int. Airportman.                   |         |             |
|          | CYWJ-Deline                                      |         |             |
|          | CYXE-Saskatoon, Sask.                            |         |             |
|          | CYXU-London, Ont.                                |         |             |
|          | CYYC-Calgary International, Alta.                |         |             |
|          | CYYR-Goose, Nfld.                                |         |             |
|          | CYYZ-Toronto Pearson Int'L. Ont.                 |         |             |
|          | CYZF-Yellowknife                                 |         |             |

Schedule Information

Flight Number

Aircraft Reg  Aircraft Type

Departure ICAO  Arrival ICAO

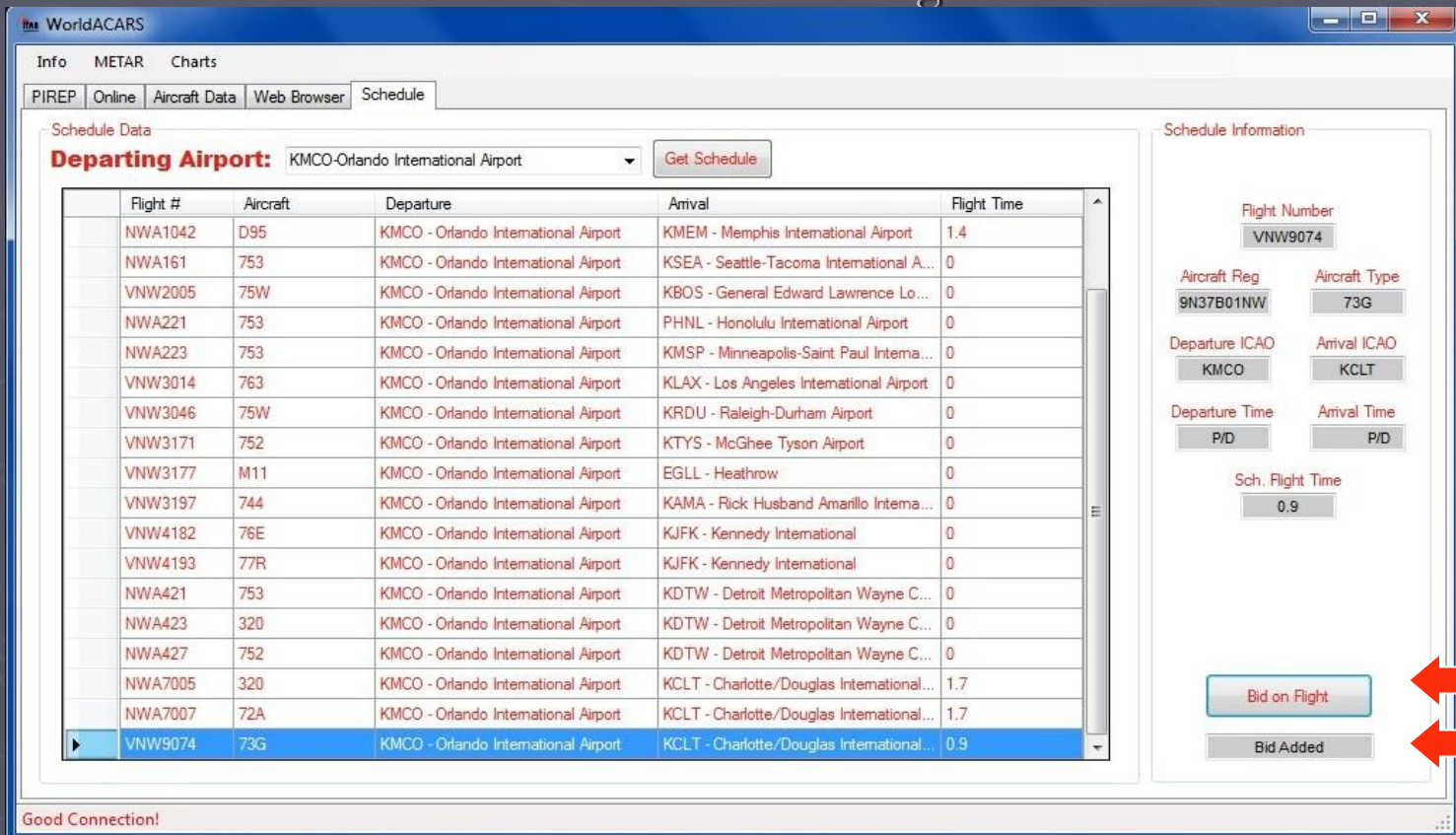
Departure Time  Arrival Time

Sch. Flight Time

Good Connection!

# Logging a Flight using wACARS

- Once a departure airport is chosen you will see a list of flights departing from that airport .
- Click to highlight your flight and click on the “Bid on Flight” button
- The “Bid Added” button will indicate a successful flight bid



The screenshot shows the WorldACARS interface with the following elements:

- Departing Airport:** KMCO-Orlando International Airport
- Flight Schedule Table:**

| Flight # | Aircraft | Departure                            | Arrival                                   | Flight Time |
|----------|----------|--------------------------------------|-------------------------------------------|-------------|
| NWA1042  | D95      | KMCO - Orlando International Airport | KMEM - Memphis International Airport      | 1.4         |
| NWA161   | 753      | KMCO - Orlando International Airport | KSEA - Seattle-Tacoma International A...  | 0           |
| VNW2005  | 75W      | KMCO - Orlando International Airport | KBOS - General Edward Lawrence Lo...      | 0           |
| NWA221   | 753      | KMCO - Orlando International Airport | PHNL - Honolulu International Airport     | 0           |
| NWA223   | 753      | KMCO - Orlando International Airport | KMSP - Minneapolis-Saint Paul Intema...   | 0           |
| VNW3014  | 763      | KMCO - Orlando International Airport | KLAX - Los Angeles International Airport  | 0           |
| VNW3046  | 75W      | KMCO - Orlando International Airport | KRDU - Raleigh-Durham Airport             | 0           |
| VNW3171  | 752      | KMCO - Orlando International Airport | KTYS - McGhee Tyson Airport               | 0           |
| VNW3177  | M11      | KMCO - Orlando International Airport | EGLL - Heathrow                           | 0           |
| VNW3197  | 744      | KMCO - Orlando International Airport | KAMA - Rick Husband Amarillo Intema...    | 0           |
| VNW4182  | 76E      | KMCO - Orlando International Airport | KJFK - Kennedy International              | 0           |
| VNW4193  | 77R      | KMCO - Orlando International Airport | KJFK - Kennedy International              | 0           |
| NWA421   | 753      | KMCO - Orlando International Airport | KDTW - Detroit Metropolitan Wayne C...    | 0           |
| NWA423   | 320      | KMCO - Orlando International Airport | KDTW - Detroit Metropolitan Wayne C...    | 0           |
| NWA427   | 752      | KMCO - Orlando International Airport | KDTW - Detroit Metropolitan Wayne C...    | 0           |
| NWA7005  | 320      | KMCO - Orlando International Airport | KCLT - Charlotte/Douglas International... | 1.7         |
| NWA7007  | 72A      | KMCO - Orlando International Airport | KCLT - Charlotte/Douglas International... | 1.7         |
| VNW9074  | 73G      | KMCO - Orlando International Airport | KCLT - Charlotte/Douglas International... | 0.9         |
- Schedule Information:**
  - Flight Number: VNW9074
  - Aircraft Reg: 9N37B01NW
  - Aircraft Type: 73G
  - Departure ICAO: KMCO
  - Arrival ICAO: KCLT
  - Departure Time: P/D
  - Arrival Time: P/D
  - Sch. Flight Time: 0.9
- Action Buttons:**
  - Bid on Flight:** Indicated by a red arrow.
  - Bid Added:** Indicated by a red arrow.



# Logging a Flight using wACARS

- ➔ Next click on the “PIREP” tab to return to the screen below
- ➔ Click on the “Get Flight Info” button to retrieve your flight bid information
- ➔ You would get the same information from a flight bid chosen from the Website

WorldACARS

Info METAR Charts

PIREP Online Aircraft Data Web Browser Schedule

ver 1.0.1.0

**Main Controls**

Pilot ID  
NWA1964

Password  
••••••

Log In

**FS Controls**

Connect to FS

**Pilot Information**

NWA1964 Mark Toler  
Senior Vice President, KSTP  
Total Flights: 133  
Total Hours: 278.12  
Total Earnings: 381226

**Flight Progress**

100%

**Aircraft Information**

Registration Range

ICAO Max Pax MTOW

Airframe Max Cargo Cruise Speed

**PIREP Data**

Flight Number Flight Level (30000)

Aircraft Reg Aircraft Type

Departure ICAO Sch. Departure Time

Arrival ICAO Sch. Arrival Time

Ticketed Pax Sch. Flight Time

Actual Flight Time Actual Depart Time

Fuel Start (lbs) Flight Phase

Fuel Used (lbs) Landing Rate

Route

Comments

**PIREP Controls**

Get Flight Info

Clear Flight Data

Start Flight

Stop Flight

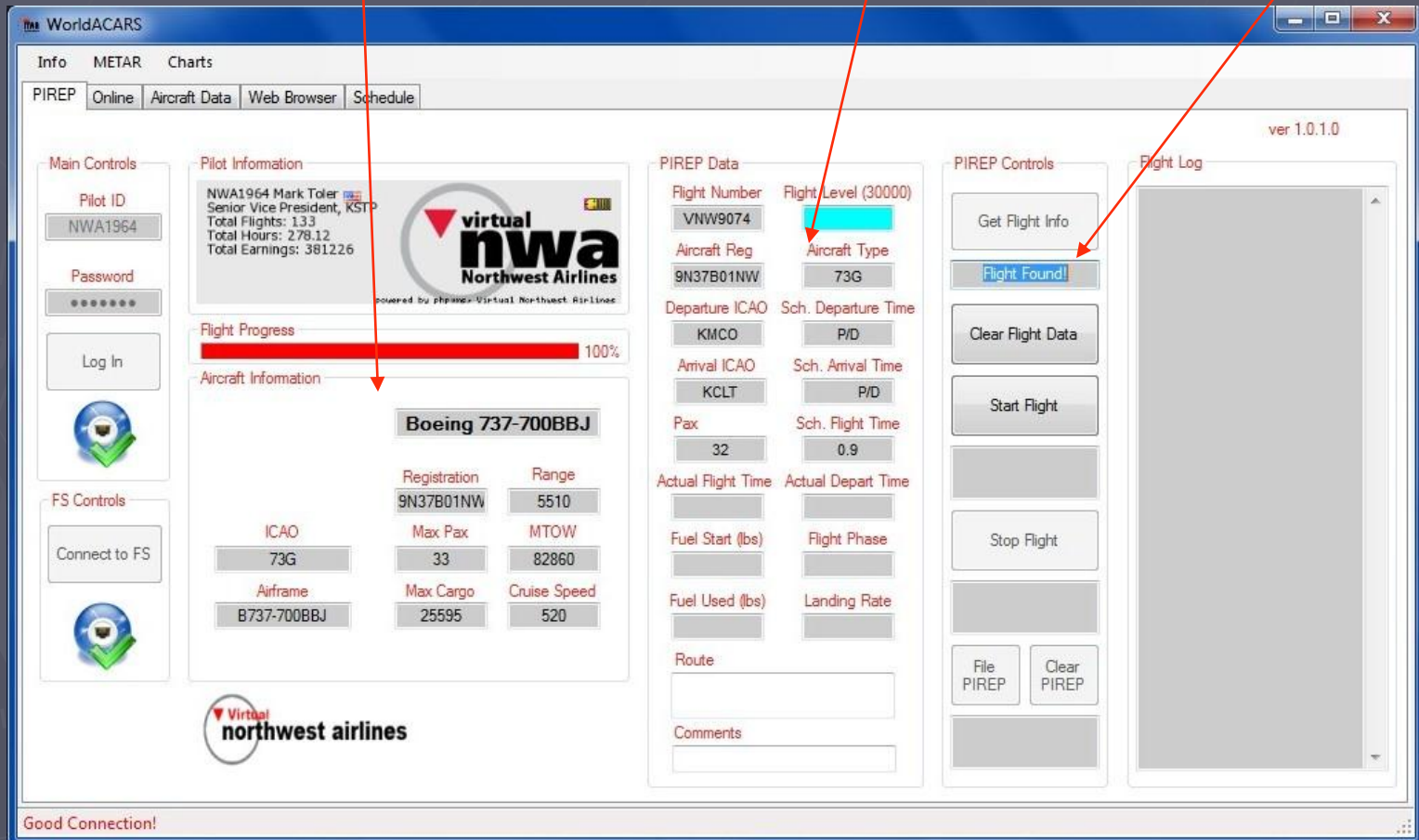
File PIREP Clear PIREP

**Flight Log**

Good Connection!

# Logging a Flight using wACARS

- ➔ Next you should see your “Flight Found!” information/data in most of the blocks below
- ➔ Verify that the correct information is listed for your flight bid



**WorldACARS** ver 1.0.1.0

Info METAR Charts

PIREP Online Aircraft Data Web Browser Schedule

**Main Controls**

Pilot ID  
NWA1964

Password  
••••••

Log In

**FS Controls**

Connect to FS

**Pilot Information**

NWA1964 Mark Toler  
Senior Vice President, KSTP  
Total Flights: 133  
Total Hours: 278.12  
Total Earnings: 381226

**Flight Progress**  
100%

**Aircraft Information**

**Boeing 737-700BBJ**

|              |           |              |
|--------------|-----------|--------------|
| Registration | Range     |              |
| 9N37B01NW    | 5510      |              |
| ICAO         | Max Pax   | MTOW         |
| 73G          | 33        | 82860        |
| Airframe     | Max Cargo | Cruise Speed |
| B737-700BBJ  | 25595     | 520          |

**PIREP Data**

Flight Number: VNW9074  
Flight Level (30000): ██████████

Aircraft Reg: 9N37B01NW  
Aircraft Type: 73G

Departure ICAO: KMCO  
Sch. Departure Time: P/D

Arrival ICAO: KCLT  
Sch. Arrival Time: P/D

Pax: 32  
Sch. Flight Time: 0.9

Actual Flight Time:   
Actual Depart Time:

Fuel Start (lbs):   
Flight Phase:

Fuel Used (lbs):   
Landing Rate:

Route:

Comments:

**PIREP Controls**

Get Flight Info

**Flight Found!**

Clear Flight Data

Start Flight

Stop Flight

File PIREP Clear PIREP

**Flight Log**

Good Connection!



# Logging a Flight using wACARS

- The next step is a very important one, you need to input your flight level (altitude) you will be flying the route at.
- If you do not input the altitude you will get an error message
- Enter your “Flight Level” here

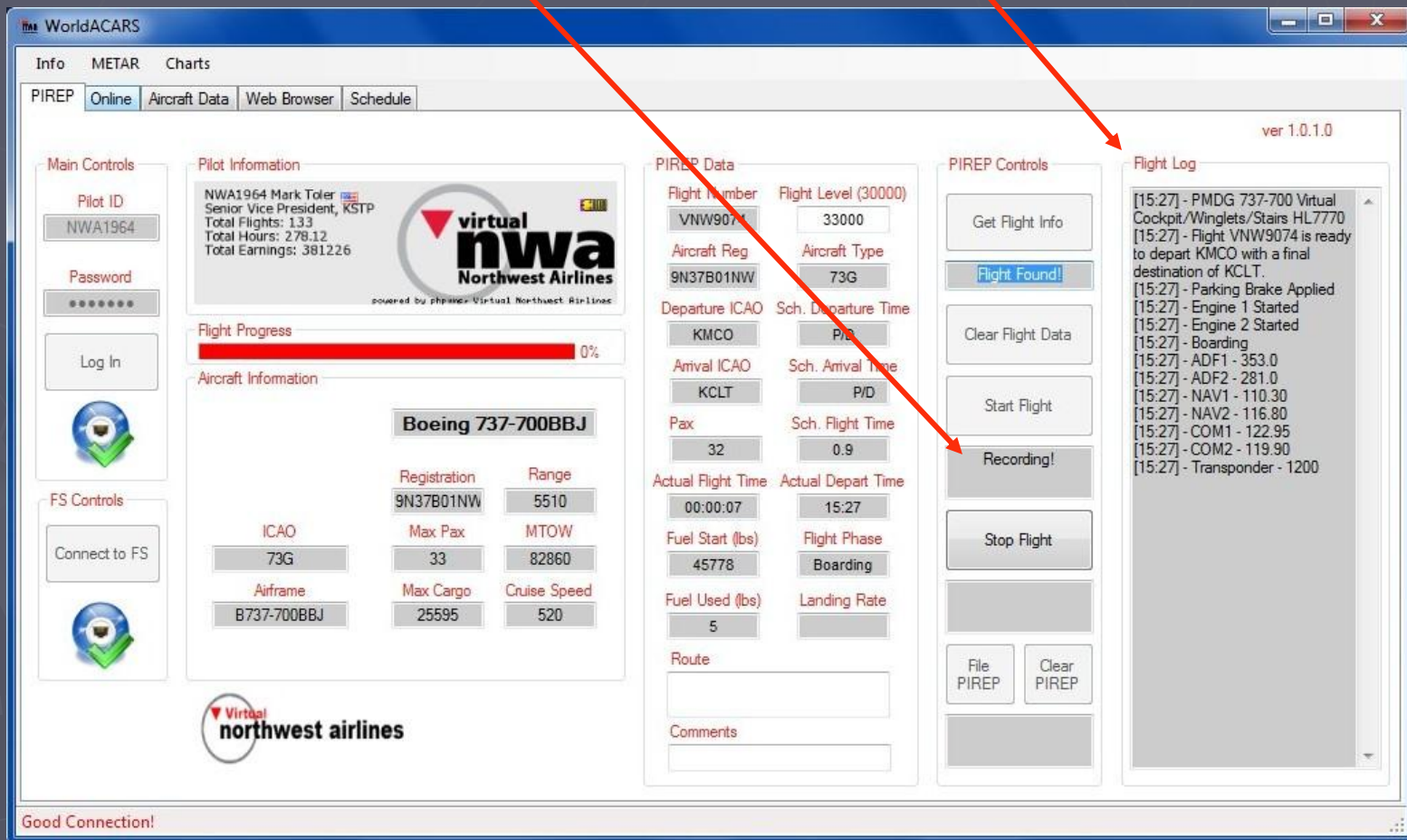
The screenshot shows the WorldACARS web interface with the following sections:

- Main Controls:** Pilot ID (NWA1964), Password (masked), Log In button, and FS Controls (Connect to FS button).
- Pilot Information:** NWA1964 Mark Toler, Senior Vice President, KSTP. Total Flights: 133, Total Hours: 278.12, Total Earnings: 381226. Includes the Virtual Northwest Airlines logo.
- Flight Progress:** A red progress bar at 100%.
- Aircraft Information:** Boeing 737-700BBJ. Registration: 9N37B01NW, Range: 5510. ICAO: 73G, Max Pax: 33, MTOW: 82860. Airframe: B737-700BBJ, Max Cargo: 25595, Cruise Speed: 520.
- PIREP Data:** Flight Number: VNW9074, Flight Level (30000): 33000, Aircraft Reg: 9N37B01NW, Aircraft Type: 73G. Departure ICAO: KMCO, Sch. Departure Time: P/D. Arrival ICAO: KCLT, Sch. Arrival Time: P/D. Pax: 32, Sch. Flight Time: 0.9. Actual Flight Time and Actual Depart Time fields are empty.
- PIREP Controls:** Get Flight Info, Flight Found!, Clear Flight Data, Start Flight, Stop Flight, File PIREP, Clear PIREP buttons.
- Flight Log:** An empty scrollable area for flight logs.
- Route:** An empty text input field.
- Comments:** An empty text input field.

At the bottom left, it says "Good Connection!". The version number "ver 1.0.1.0" is in the top right corner.

# Logging a Flight using wACARS

- ➔ Next you need to click on the “Start Flight” button and see a similar screen below
- ➔ You should see “Recording” and data in the “Flight Log” box. Your PIREP is active and you are ready to fly.



The screenshot shows the WorldACARS software interface with the following sections:

- Info:** METAR, Charts
- PIREP:** Online, Aircraft Data, Web Browser, Schedule
- Main Controls:** Pilot ID (NWA1964), Password (\*\*\*\*\*), Log In
- Pilot Information:** NWA1964 Mark Toler, Senior Vice President, KSTP. Total Flights: 133, Total Hours: 278.12, Total Earnings: 381226.
- Flight Progress:** 0% (indicated by a red bar)
- Aircraft Information:** Boeing 737-700BBJ. Registration: 9N37B01NW, Range: 5510. ICAO: 73G, Max Pax: 33, MTOW: 82860. Airframe: B737-700BBJ, Max Cargo: 25595, Cruise Speed: 520.
- PIREP Data:** Flight Number: VNW907, Flight Level: 33000. Aircraft Reg: 9N37B01NW, Aircraft Type: 73G. Departure ICAO: KMCO, Sch. Departure Time: P/D. Arrival ICAO: KCLT, Sch. Arrival Time: P/D. Pax: 32, Sch. Flight Time: 0.9. Actual Flight Time: 00:00:07, Actual Depart Time: 15:27. Fuel Start (lbs): 45778, Flight Phase: Boarding. Fuel Used (lbs): 5, Landing Rate: [blank].
- PIREP Controls:** Get Flight Info, Flight Found!, Clear Flight Data, Start Flight, Recording!, Stop Flight, File PIREP, Clear PIREP.
- Flight Log:** [15:27] - PMDG 737-700 Virtual Cockpit/Winglets/Stairs HL7770 [15:27] - Flight VNW9074 is ready to depart KMCO with a final destination of KCLT. [15:27] - Parking Brake Applied [15:27] - Engine 1 Started [15:27] - Engine 2 Started [15:27] - Boarding [15:27] - ADF1 - 353.0 [15:27] - ADF2 - 281.0 [15:27] - NAV1 - 110.30 [15:27] - NAV2 - 116.80 [15:27] - COM1 - 122.95 [15:27] - COM2 - 119.90 [15:27] - Transponder - 1200

Red arrows point from the text above to the "Recording!" button and the "Flight Log" box.

# Logging a Flight using wACARS

→ The next few slides will show examples of the system in flight and other tabs you see on wACARS.



WorldACARS
ver 1.0.1.0

Info
METAR
Charts


PIREP
Online
Aircraft Data
Web Browser
Schedule

**Main Controls**

Pilot ID  
NWA1964


Password  
\*\*\*\*\*

Log In




**FS Controls**

Connect to FS



**Pilot Information**

NWA1964 Mark Toler  
Senior Vice President, KSTP  
Total Flights: 133  
Total Hours: 278.12  
Total Earnings: 381226



covered by Phoenix-Virtual Northwest Airlines


**Flight Progress**

0%

**Aircraft Information**

**Boeing 737-700BBJ**

|              |              |
|--------------|--------------|
| Registration | Range        |
| 9N37B01NW    | 5510         |
| ICAO         | MTOW         |
| 73G          | 82860        |
| Airframe     | Cruise Speed |
| B737-700BBJ  | 520          |
| Max Pax      |              |
| 33           |              |
| Max Cargo    |              |
| 25595        |              |



**PIREP Data**

Flight Number: VNW9074  
Flight Level (30000): 33000

Aircraft Reg: 9N37B01NW  
Aircraft Type: 73G

Departure ICAO: KMCO  
Sch. Departure Time: P/D

Arrival ICAO: KCLT  
Sch. Arrival Time: P/D

Pax: 32  
Sch. Flight Time: 0.9

Actual Flight Time: 00:00:07  
Actual Depart Time: 15:27

Fuel Start (lbs): 45778  
Flight Phase: Boarding

Fuel Used (lbs): 5  
Landing Rate:

Route:

Comments:

**PIREP Controls**

Get Flight Info

Flight Found!

Clear Flight Data

Start Flight

Recording!

Stop Flight

File PIREP

Clear PIREP

**Flight Log**

[15:27] - PMDG 737-700 Virtual Cockpit/Winglets/Stairs HL7770

[15:27] - Flight VNW9074 is ready to depart KMCO with a final destination of KCLT.

[15:27] - Parking Brake Applied

[15:27] - Engine 1 Started

[15:27] - Engine 2 Started

[15:27] - Boarding

[15:27] - ADF1 - 353.0

[15:27] - ADF2 - 281.0

[15:27] - NAV1 - 110.30

[15:27] - NAV2 - 116.80

[15:27] - COM1 - 122.95

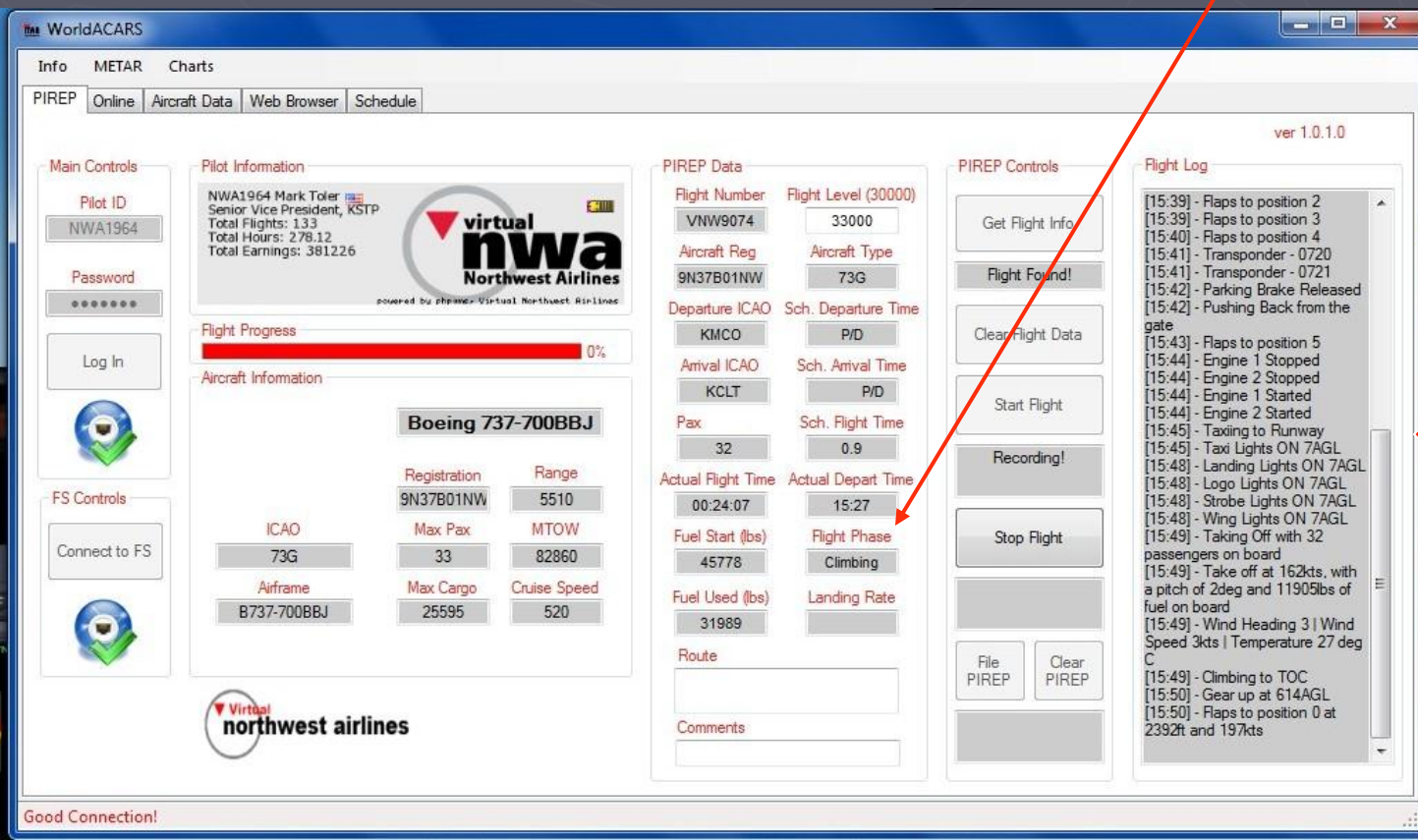
[15:27] - COM2 - 119.90

[15:27] - Transponder - 1200

Good Connection!

# Logging a Flight using wACARS

➔ From the PIREP Tab this shows the aircraft climbing right after departure and the time stamped Flight Log.



**WorldACARS** ver 1.0.1.0

Info METAR Charts

PIREP Online Aircraft Data Web Browser Schedule

**Main Controls**

Pilot ID  
NWA1964

Password  
••••••


Log In

**FS Controls**

Connect to FS

**Pilot Information**

NWA1964 Mark Toler  
Senior Vice President, KSTP  
Total Flights: 133  
Total Hours: 278.12  
Total Earnings: 381226



powered by zippaw Virtual Northwest Airlines


**Flight Progress**

0%

**Aircraft Information**

**Boeing 737-700BBJ**

|              |           |              |
|--------------|-----------|--------------|
| Registration | Range     |              |
| 9N37B01NW    | 5510      |              |
| ICAO         | Max Pax   | MTOW         |
| 73G          | 33        | 82860        |
| Airframe     | Max Cargo | Cruise Speed |
| B737-700BBJ  | 25595     | 520          |



**PIREP Data**

|                    |                      |
|--------------------|----------------------|
| Flight Number      | Flight Level (30000) |
| VNW9074            | 33000                |
| Aircraft Reg       | Aircraft Type        |
| 9N37B01NW          | 73G                  |
| Departure ICAO     | Sch. Departure Time  |
| KMCO               | P/D                  |
| Arrival ICAO       | Sch. Arrival Time    |
| KCLT               | P/D                  |
| Pax                | Sch. Flight Time     |
| 32                 | 0.9                  |
| Actual Flight Time | Actual Depart Time   |
| 00:24:07           | 15:27                |
| Fuel Start (lbs)   | Flight Phase         |
| 45778              | Climbing             |
| Fuel Used (lbs)    | Landing Rate         |
| 31989              |                      |
| Route              |                      |
| Comments           |                      |

**PIREP Controls**

Get Flight Info

Flight Found!

Clear Flight Data

Start Flight

Recording!

Stop Flight

File PIREP

Clear PIREP

**Flight Log**

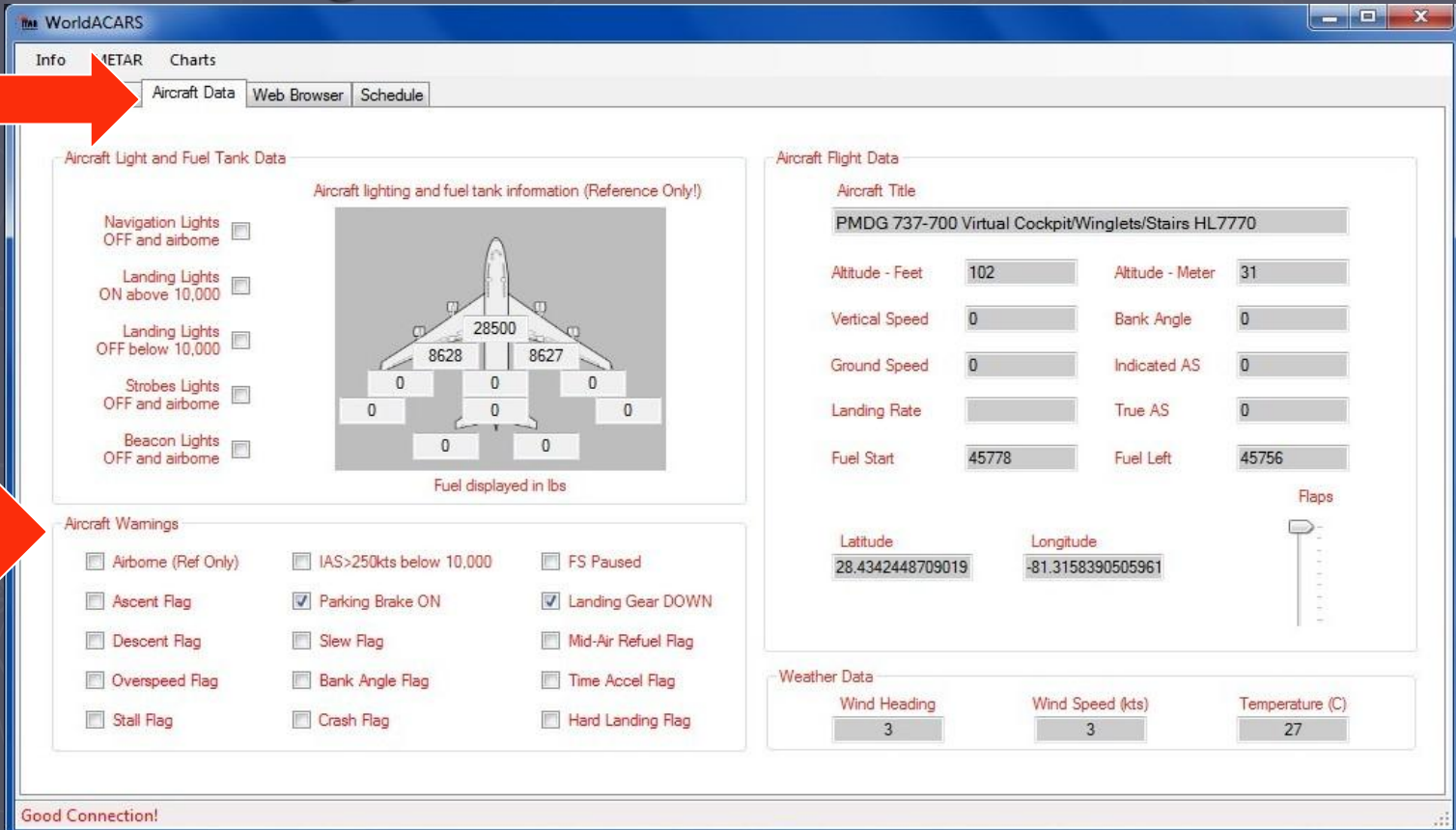
- [15:39] - Flaps to position 2
- [15:39] - Flaps to position 3
- [15:40] - Flaps to position 4
- [15:41] - Transponder - 0720
- [15:41] - Transponder - 0721
- [15:42] - Parking Brake Released
- [15:42] - Pushing Back from the gate
- [15:43] - Flaps to position 5
- [15:44] - Engine 1 Stopped
- [15:44] - Engine 2 Stopped
- [15:44] - Engine 1 Started
- [15:44] - Engine 2 Started
- [15:45] - Taxiing to Runway
- [15:45] - Taxi Lights ON 7AGL
- [15:48] - Landing Lights ON 7AGL
- [15:48] - Logo Lights ON 7AGL
- [15:48] - Strobe Lights ON 7AGL
- [15:48] - Wing Lights ON 7AGL
- [15:49] - Taking Off with 32 passengers on board
- [15:49] - Take off at 162kts, with a pitch of 2deg and 11905lbs of fuel on board
- [15:49] - Wind Heading 3 | Wind Speed 3kts | Temperature 27 deg C
- [15:49] - Climbing to TOC
- [15:50] - Gear up at 614AGL
- [15:50] - Flaps to position 0 at 2392ft and 197kts

Good Connection!




# Logging a Flight using wACARS

→ The next 3 slides will show examples of the “Aircraft Data” captured in flight that will determine acceptable flight/PIREP conditions for a flight.



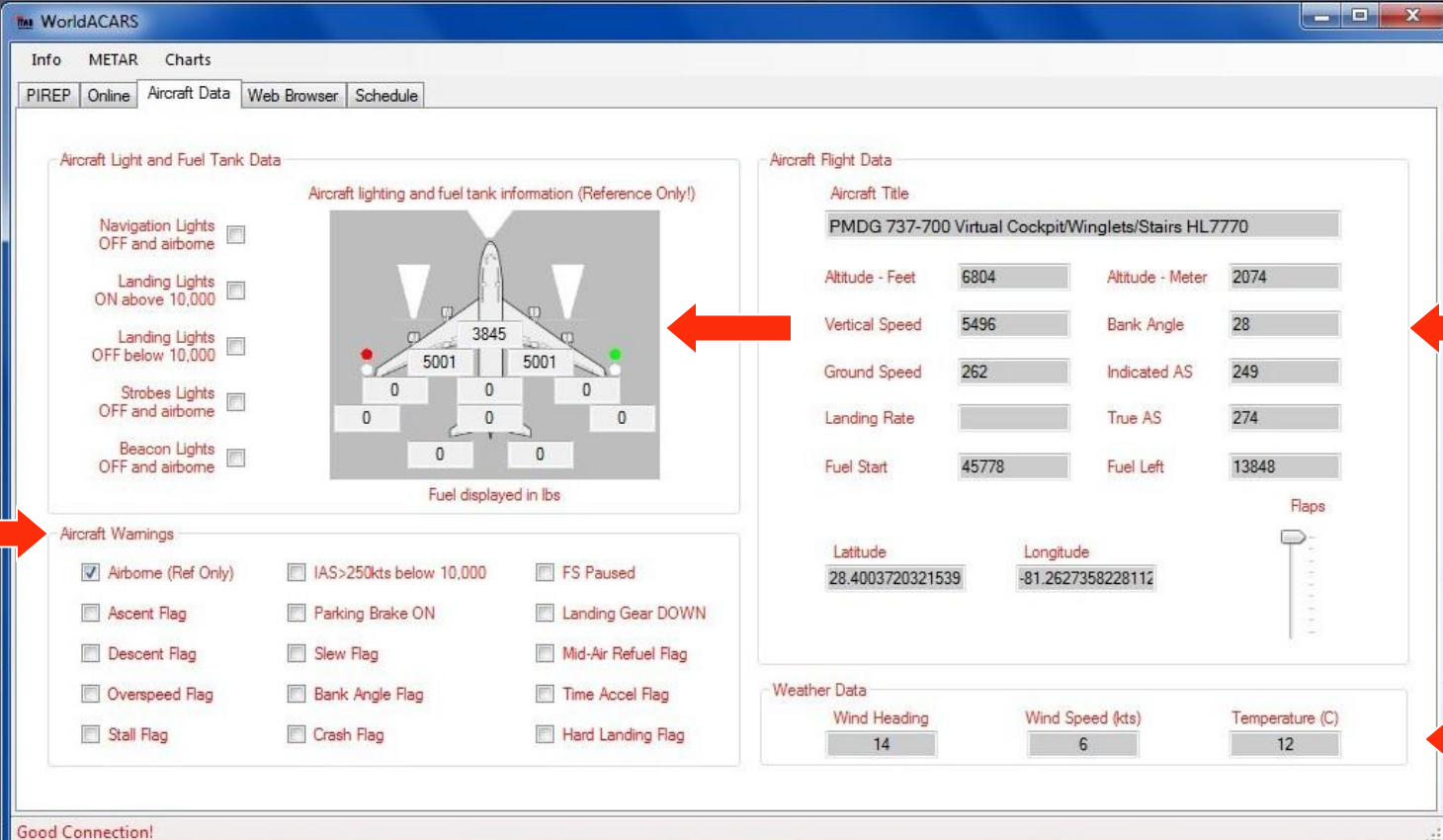
The screenshot shows the WorldACARS application window with the following sections:

- Navigation:** Info, METAR, Charts, **Aircraft Data** (selected), Web Browser, Schedule.
- Aircraft Light and Fuel Tank Data:**
  - Navigation Lights OFF and airborne
  - Landing Lights ON above 10,000
  - Landing Lights OFF below 10,000
  - Strobes Lights OFF and airborne
  - Beacon Lights OFF and airborne
- Aircraft Warnings:**
  - Airborne (Ref Only)
  - Ascent Flag
  - Descent Flag
  - Overspeed Flag
  - Stall Flag
  - IAS>250kts below 10,000
  - Parking Brake ON
  - Slew Flag
  - Bank Angle Flag
  - Crash Flag
  - FS Paused
  - Landing Gear DOWN
  - Mid-Air Refuel Flag
  - Time Accel Flag
  - Hard Landing Flag
- Aircraft Flight Data:**
  - Aircraft Title: PMDG 737-700 Virtual Cockpit/Winglets/Stairs HL7770
  - Altitude - Feet: 102 | Altitude - Meter: 31
  - Vertical Speed: 0 | Bank Angle: 0
  - Ground Speed: 0 | Indicated AS: 0
  - Landing Rate: | True AS: 0
  - Fuel Start: 45778 | Fuel Left: 45756
  - Latitude: 28.4342448709019 | Longitude: -81.3158390505961
  - Flaps: 
- Weather Data:**
  - Wind Heading: 3
  - Wind Speed (kts): 3
  - Temperature (C): 27

At the bottom of the window, it says "Good Connection!".

# Logging a Flight using wACARS

→ Example of the “Aircraft Data” captured/logged during the flight. Example below shows landing lights on, is on climb out at 6804 feet, and no Aircraft Warnings



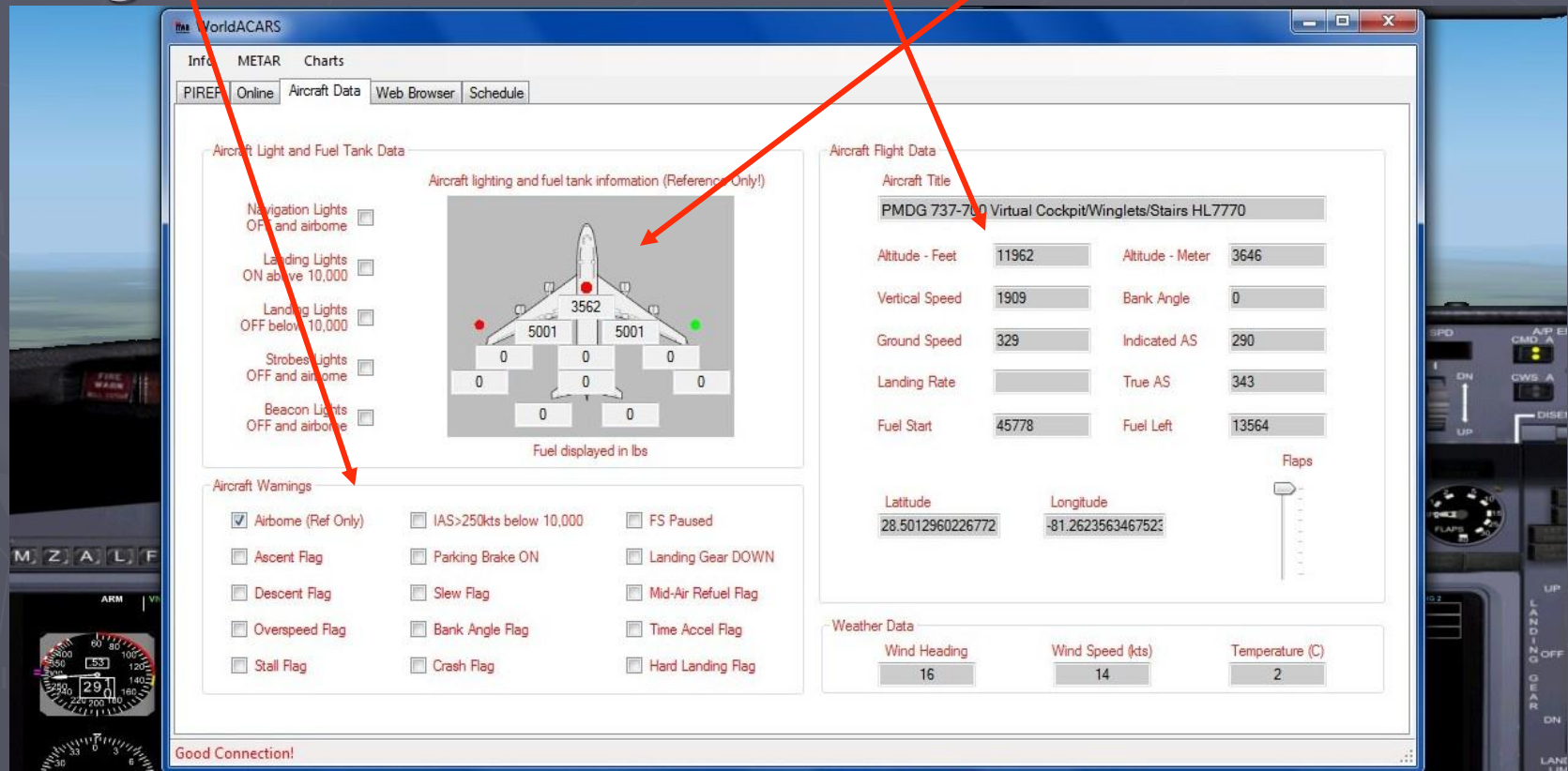
The screenshot shows the WorldACARS software interface with the following sections:

- Info METAR Charts**
  - PIREP Online Aircraft Data Web Browser Schedule
- Aircraft Light and Fuel Tank Data**
  - Aircraft lighting and fuel tank information (Reference Only!)
  - Navigation Lights OFF and airborne
  - Landing Lights ON above 10,000
  - Landing Lights OFF below 10,000
  - Strobes Lights OFF and airborne
  - Beacon Lights OFF and airborne
  - Diagram of aircraft with fuel tanks showing 3845 lbs total and 5001 lbs in each tank.
  - Fuel displayed in lbs
- Aircraft Flight Data**
  - Aircraft Title: PMDG 737-700 Virtual Cockpit/Winglets/Stairs HL7770
  - Altitude - Feet: 6804 | Altitude - Meter: 2074
  - Vertical Speed: 5496 | Bank Angle: 28
  - Ground Speed: 262 | Indicated AS: 249
  - Landing Rate: | True AS: 274
  - Fuel Start: 45778 | Fuel Left: 13848
  - Latitude: 28.4003720321539 | Longitude: -81.2627358228112
  - Flaps: (control)
- Aircraft Warnings**
  - Airborne (Ref Only) |  IAS>250kts below 10,000 |  FS Paused
  - Ascent Flag |  Parking Brake ON |  Landing Gear DOWN
  - Descent Flag |  Slew Flag |  Mid-Air Refuel Flag
  - Overspeed Flag |  Bank Angle Flag |  Time Accel Flag
  - Stall Flag |  Crash Flag |  Hard Landing Flag
- Weather Data**
  - Wind Heading: 14 | Wind Speed (kts): 6 | Temperature (C): 12

Good Connection!

# Logging a Flight using wACARS

→ Example of the “Aircraft Data” captured/logged during the flight. Example shows Altitude 11962 lights off and no Aircraft Warnings



The screenshot displays the WorldACARS software interface, which is used for logging flight data. The interface is divided into several sections:

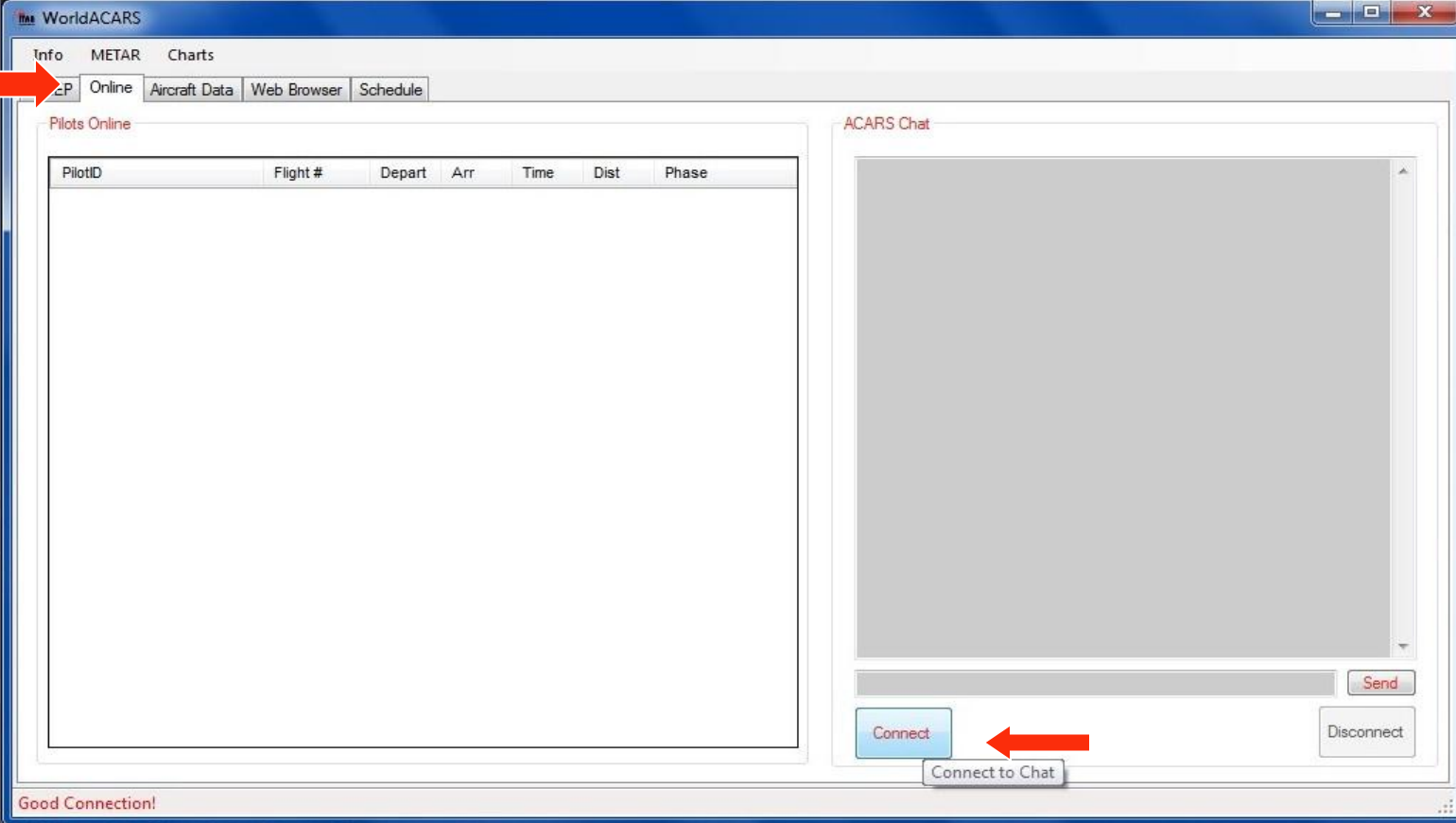
- Navigation and Fuel Tank Data:** This section includes a diagram of an aircraft with fuel tank information. The fuel tanks are labeled with 5001 lbs on each side, and the total fuel displayed is 3562 lbs. The diagram also shows the status of various lights: Navigation Lights (OFF and airborne), Landing Lights (ON above 10,000 and OFF below 10,000), Strobe Lights (OFF and airborne), and Beacon Lights (OFF and airborne).
- Aircraft Flight Data:** This section provides real-time flight information for the aircraft PMDG 737-700 Virtual Cockpit/Winglets/Stairs HL7770. The data includes:
  - Altitude - Feet: 11962
  - Altitude - Meter: 3646
  - Vertical Speed: 1909
  - Bank Angle: 0
  - Ground Speed: 329
  - Indicated AS: 290
  - Landing Rate: (empty)
  - True AS: 343
  - Fuel Start: 45778
  - Fuel Left: 13564
  - Latitude: 28.5012960226772
  - Longitude: -81.2623563467522
- Aircraft Warnings:** This section lists various warnings and their status:
  - Airborne (Ref Only):
  - IAS > 250kts below 10,000:
  - FS Paused:
  - Ascent Flag:
  - Parking Brake ON:
  - Landing Gear DOWN:
  - Descent Flag:
  - Slew Flag:
  - Mid-Air Refuel Flag:
  - Overspeed Flag:
  - Bank Angle Flag:
  - Time Accel Flag:
  - Stall Flag:
  - Crash Flag:
  - Hard Landing Flag:
- Weather Data:** This section provides weather information:
  - Wind Heading: 16
  - Wind Speed (kts): 14
  - Temperature (C): 2

At the bottom of the interface, there is a status bar that reads "Good Connection!".



# Logging a Flight using wACARS

- Next 2 slides are the Online Status and Chat of vNWA Pilots
- Click the “Connect” Button



WorldACARS

Info METAR Charts

Pilot Online Aircraft Data Web Browser Schedule

Pilots Online

| PilotID | Flight # | Depart | Arr | Time | Dist | Phase |
|---------|----------|--------|-----|------|------|-------|
|---------|----------|--------|-----|------|------|-------|

ACARS Chat

Send

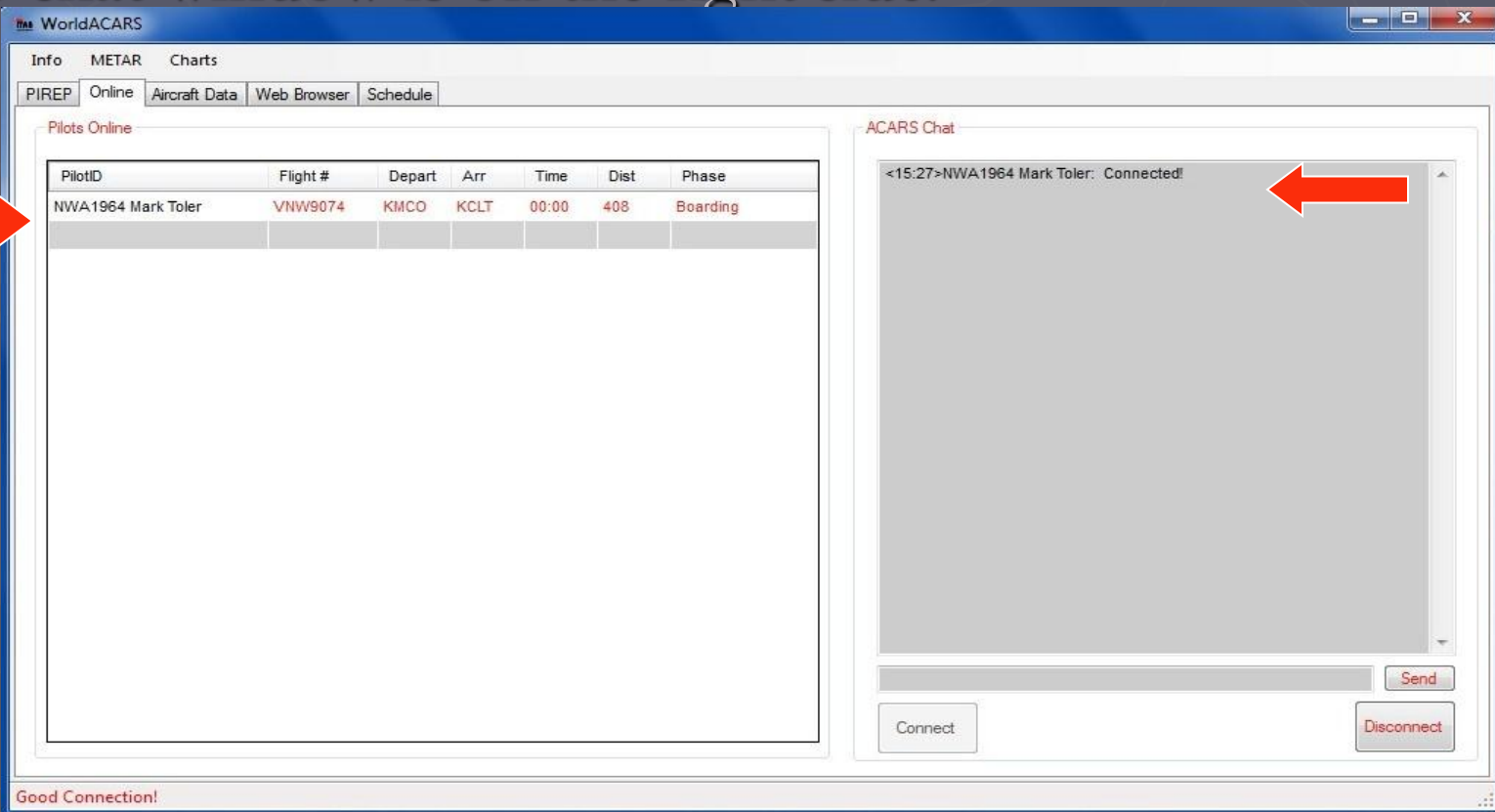
Connect Disconnect

Connect to Chat

Good Connection!

# Logging a Flight using wACARS

- When you connect successfully you will see members on line and flight information on the left side.
- The chat window is on the right side.



The screenshot shows the WorldACARS software interface. The window title is "WorldACARS". The interface is divided into two main sections: "Pilots Online" on the left and "ACARS Chat" on the right. The "Pilots Online" section contains a table with the following data:

| PilotID            | Flight # | Depart | Arr  | Time  | Dist | Phase    |
|--------------------|----------|--------|------|-------|------|----------|
| NWA1964 Mark Toler | VNW9074  | KMCO   | KCLT | 00:00 | 408  | Boarding |

The "ACARS Chat" section shows a message: "<15:27>NWA1964 Mark Toler: Connected!". A red arrow points to this message. Below the chat area are buttons for "Connect", "Disconnect", and "Send". A status bar at the bottom of the window displays "Good Connection!".



# Logging a Flight using wACARS

→ The next few slides will cover finishing your flight and filing your PIREP

→ This is what you will see once you have parked at the gate and shut down your engines

The screenshot shows the WorldACARS web interface with the following sections:

- Main Controls:** Pilot ID (NWA1964), Password, Log In, FS Controls (Connect to FS).
- Pilot Information:** NWA1964 Mark Toler, Senior Vice President, KSTP. Total Flights: 133, Total Hours: 278.12, Total Earnings: 381226.
- Flight Progress:** 100% complete.
- Aircraft Information:** Boeing 737-700BBJ. Registration: 9N37B01NW, Range: 5510. ICAO: 73G, Max Pax: 33, MTOW: 82860. Airframe: B737-700BBJ, Max Cargo: 25595, Cruise Speed: 520.
- PIREP Data:** Flight Number: VNW9074, Flight Level: 33000. Aircraft Reg: 9N37B01NW, Aircraft Type: 73G. Departure ICAO: KMCO, Sch. Departure Time: P/D. Arrival ICAO: KCLT, Sch. Arrival Time: P/D. Pax: 32, Sch. Flight Time: 0.9. Actual Flight Time: 01:40:47, Actual Depart Time: 15:27. Fuel Start (lbs): 45778, Flight Phase: Arrived. Fuel Used (lbs): 38107, Landing Rate: -329. Route: [Empty]. Comments: [Empty].
- PIREP Controls:** Get Flight Info, Flight Found!, Clear Flight Data, Start Flight, Recording!, Stop Flight, PIREP Ready, File PIREP, Clear PIREP.
- Flight Log:** 1575R and 144kts [17:06] - Flaps to position 8 at 1453R and 144kts [17:07] - Landed at -329fpm. With 7807lbs of fuel onboard and a pitch angle of 0deg. [17:07] - Wind Heading 0 | Wind Speed 0kts | Temperature 20 deg C [17:08] - Taxiing to Gate [17:09] - Flaps to position 0 [17:09] - Parking Brake Applied [17:09] - Arrived safely at KCLT. We hope you enjoyed your flight! [17:09] - Logo Lights OFF 7AGL [17:09] - Wing Lights OFF 7AGL [17:09] - Beacon Lights OFF 7AGL [17:09] - Strobe Lights OFF 7AGL [17:09] - Navigation Lights OFF 7AGL [17:09] - Landing Lights OFF 7AGL [17:09] - Engine 1 Stopped [17:09] - Engine 2 Stopped [17:10] - PMDG 737-700 Virtual Cockpit/Winglets/Stairs HL7770 [17:10] - AFK Attempts: 1 [17:10] - AFK minutes: 11 [17:10] - MaxSim Rate: 1x [17:10] - ver 1.0.1.0



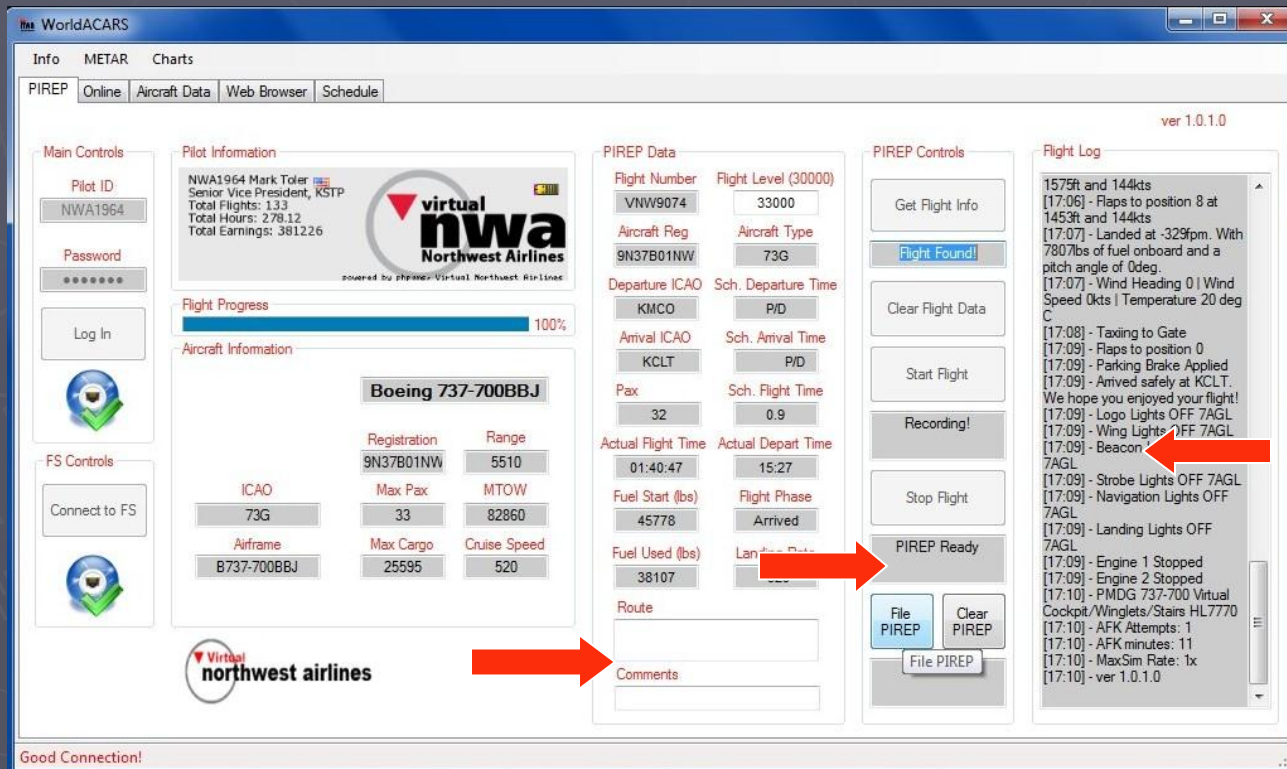
# Logging a Flight using wACARS

→ Once the engines are shut down, ensure that your Parking Brakes are set.

*(Do Not Shut Down Flight Simulator prior to filing a PIREP)*

→ Submit any comment or issues you may have had with the flight.

→ Click on “Stop Flight” and next click on the illuminated “File PIREP” button.



The screenshot shows the WorldACARS interface with the following sections:

- Main Controls:** Pilot ID (NWA1964), Password, Log In, FS Controls (Connect to FS).
- Pilot Information:** NWA1964 Mark Toler, Senior Vice President, KSTP. Total Flights: 133, Total Hours: 278.12, Total Earnings: 381226.
- Flight Progress:** 100% complete.
- Aircraft Information:** Boeing 737-700BBJ. Registration: 9N37B01NW, Range: 5510. ICAO: 73G, Max Pax: 33, MTOW: 82860. Airframe: B737-700BBJ, Max Cargo: 25595, Cruise Speed: 520.
- PIREP Data:** Flight Number: VNW9074, Flight Level: 33000. Aircraft Reg: 9N37B01NW, Aircraft Type: 73G. Departure ICAO: KMCO, Sch. Departure Time: P/D. Arrival ICAO: KCLT, Sch. Arrival Time: P/D. Pax: 32, Sch. Flight Time: 0.9. Actual Flight Time: 01:40:47, Actual Depart Time: 15:27. Fuel Start (lbs): 45778, Flight Phase: Arrived. Fuel Used (lbs): 38107, Landing Data: [red arrow points to this field].
- PIREP Controls:** Get Flight Info, Flight Found!, Clear Flight Data, Start Flight, Recording!, Stop Flight, PIREP Ready, File PIREP, Clear PIREP, File PIREP.
- Flight Log:** [17:06] - Flaps to position 8 at 1453ft and 144kts. [17:07] - Landed at -329fpm. With 7807lbs of fuel onboard and a pitch angle of 0deg. [17:07] - Wind Heading 0 | Wind Speed 0kts | Temperature 20 deg C. [17:08] - Taxiing to Gate. [17:09] - Flaps to position 0. [17:09] - Parking Brake Applied. [17:09] - Arrived safely at KCLT. We hope you enjoyed your flight! [17:09] - Logo Lights OFF 7AGL. [17:09] - Wing Lights OFF 7AGL. [17:09] - Beacon 7AGL. [17:09] - Strobe Lights OFF 7AGL. [17:09] - Navigation Lights OFF 7AGL. [17:09] - Landing Lights OFF 7AGL. [17:09] - Engine 1 Stopped. [17:09] - Engine 2 Stopped. [17:10] - PMDG 737-700 Virtual Cockpit/Winglets/Stairs HL7770. [17:10] - AFK Attempts: 1. [17:10] - AFK minutes: 11. [17:10] - MaxSim Rate: 1x. [17:10] - ver 1.0.1.0.

Red arrows highlight the 'Landing Data' field in the PIREP Data section, the 'File PIREP' button in the PIREP Controls section, and the 'Comments' field at the bottom.



# Logging a Flight using wACARS

- You should see a pop-up window indicating that your PIREP was filed.
- Click on “OK” to confirm and close confirmation window.

The screenshot shows the WorldACARS web interface. A red arrow points from the text above to a small blue pop-up window titled "PIREP Filed" with an "OK" button. The background interface includes:

- Main Controls:** Pilot ID (NWA1964), Password (masked), Log In button.
- FS Controls:** Connect to FS button.
- Pilot Information:** NWA1964 Mark Toler, Senior Vice President, KSTP. Total Flights: 133, Total Hours: 278.12, Total Earnings: 381226.
- Aircraft Information:** Boeing 737-700BBJ. Registration: 9N37B01NW, Range: 5510. Max Pax: 33, MTOW: 82860. Airframe: B737-700BBJ, Max Cargo: 25595, Cruise Speed: 520.
- PIREP Data:** Flight Number, Flight Level (30000), Aircraft Reg, Aircraft Type, Departure ICAO, Sch. Departure Time.
- PIREP Controls:** Get Flight Info, Clear Flight Data, Start Flight, Stop Flight, File PIREP, Clear PIREP, PIREP Filed! button.
- Flight Log:** Empty log area.
- Footer:** Good Connection!



# Logging a Flight using wACARS

- Congratulations!, You have successfully recorded a flight and submitted your PIREP into Virtual Northwest's World ACARS System
- Click on "Web Browser" to access the home page and your Pilot Center.

**WorldACARS** ver 1.0.1.0

Info METAR Charts

PIREP Online Aircraft Data **Web Browser** Schedule

**Main Controls**

Pilot ID: NWA1964

Password: [REDACTED]

Log In

**FS Controls**

Connect to FS

**Pilot Information**

NWA1964 Mark Toler  
Senior Vice President, KSTP  
Total Flights: 133  
Total Hours: 278.12  
Total Earnings: 381226

**Flight Progress** 100%

**Aircraft Information**

**Boeing 737-700BBJ**

|              |             |           |       |              |       |
|--------------|-------------|-----------|-------|--------------|-------|
| Registration | 9N37B01NW   | Range     | 5510  |              |       |
| ICAO         | 73G         | Max Pax   | 33    | MTOW         | 82860 |
| Airframe     | B737-700BBJ | Max Cargo | 25595 | Cruise Speed | 520   |

**PIREP Data**

Flight Number: [REDACTED] Flight Level (30000): 33000

Aircraft Reg: [REDACTED] Aircraft Type: [REDACTED]

Departure ICAO: [REDACTED] Sch. Departure Time: P/D

Arrival ICAO: [REDACTED] Sch. Arrival Time: P/D

Pax: [REDACTED] Sch. Flight Time: 0.9

Actual Flight Time: [REDACTED] Actual Depart Time: [REDACTED]

Fuel Start (lbs): [REDACTED] Flight Phase: Arrived

Fuel Used (lbs): [REDACTED] Landing Rate: [REDACTED]

Route: [REDACTED]

Comments: [REDACTED]

**PIREP Controls**

Get Flight Info

Clear Flight Data

Start Flight

Stop Flight

File PIREP Clear PIREP

PIREP Filed!

**Flight Log**

Good Connection!



# Logging a Flight using wACARS

→ Click on “Pilot Center” to view your log book and confirm your flight.

## Congratulations!

WorldACARS

Info METAR Charts

PIREP Online Aircraft Data Web Browser Schedule

Home About Us Operations Forum **Pilot Center** Admin Center Log Out Contact Us

**virtual nwa**  
Northwest Airlines

**Top Landings**

| Pilot         | Landing    |
|---------------|------------|
| Boyd Casteel  | -4 ft/min  |
| Joseph Maggio | -28 ft/min |
| Mark Toler    | -28 ft/min |

**Welcome To Virtual Northwest Airlines**

*Virtual Northwest Airlines is dedicated to providing a unique environment for the advancement of the virtual aviation experience.*

*Through our mutual efforts, vNWA partners, pilots and staff continually work to ensure that all of our members feel as part of a family of like-minded enthusiasts.*

**vNWA**

**NASCAR C**  
Posted: 04/

**Mississippi**  
Posted: 04/

Good Connection!



# Virtual Northwest Airlines Management Team

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