

**WestWind**  
Airlines



WESTWIND

WWA3592

# THE WESTWIND JOURNAL

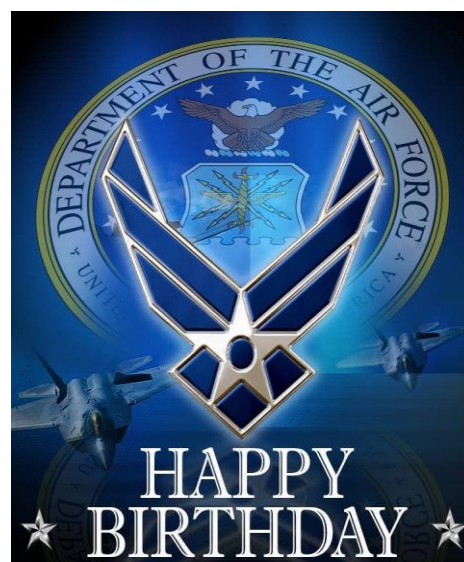
September 2021

Issue 21-09

WestWind Airlines



WWA3592



## WestWind Airlines August Flight Operations



**Total Flight Hours:** 3439.4  
**Total On-Line Hours:** 698.9  
**Total Off-Line Hours:** 2740.5  
**Total Flights:** 986  
**Total PAXs:** 81,456  
**Total CGO (lbs.):** 17,006,588

(Only verified On-Line hours are shown)

## WestWind Airlines August Hub Rankings

### On-Line

1. CYC
2. KORD
3. KSEA
4. YSS
5. EGLL
6. KCVG
7. EHAM
8. KMIA
9. KATL
10. KLAX
11. JFK
12. WSSS
13. KDN
14. KDFW

### Off-Line

1. EHAM
2. KSEA
3. KLAX
4. KMIA
5. KDN
6. WSSS
7. KORD
8. KDFW
9. YSS
10. KATL
11. KCVG
12. EGLL
13. JFK
14. CYC

(Only verified On-Line hours are counted)



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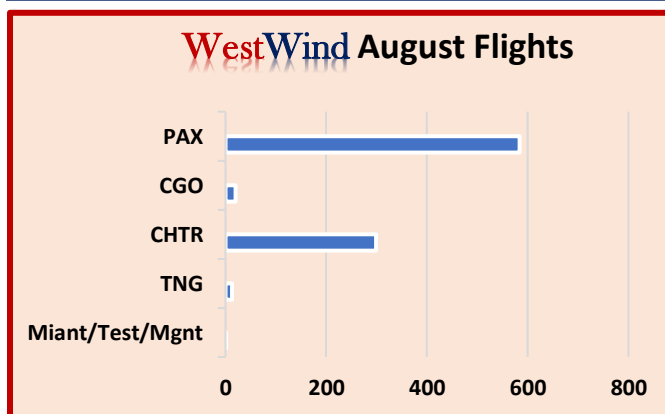
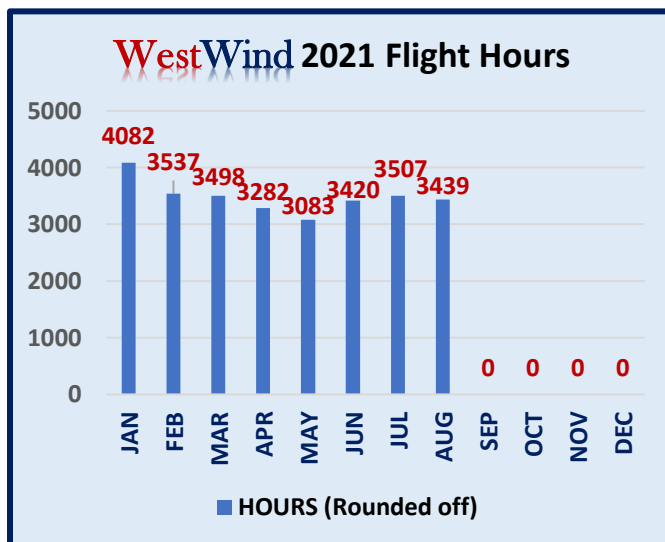
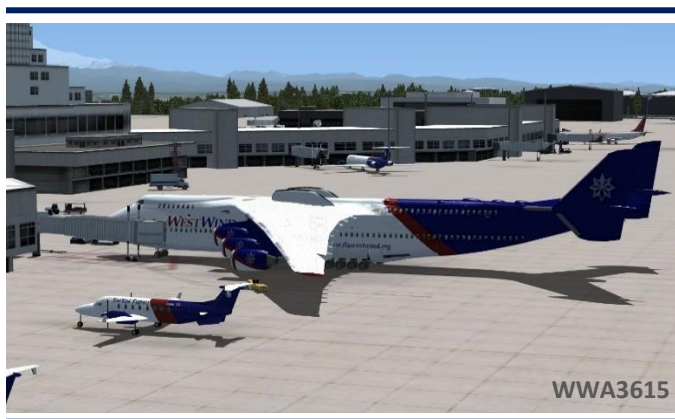
## August's TOP WestWind On-Line Pilots

CYYC	Ron Oines	212.2
EGLL	Chris Trott	34.2
EHAM	Fred Koch	25.2
KATL	Tom Griesbach	18.2
KCVG	Nick Johnston	32.1
KDEN	NA	NA
KDFW	NA	NA
KJFK	Tony Yonek	10.4
KLAX	Nathaniel Miller	21.1
KMIA	Ronald Henderson	26.3
KORD	Chris Cramblet	58.3
KSEA	Erwin Michael	48.1
WSSS	Gerard Cuomo	3.5
YSSY	Andrew Wheeler	54.0

*Flying As Real As It Can Be*

**VATSIM**

(All On-Line hours are verified)



## August's TOP WestWind Off-Line Pilots

CYYC	Scott Robinson	23.5
EGLL	Johnny Kasimatis	75.3
EHAM	Hal Morse	324.8
KATL	Mike Jones	75.7
KCVG	David Reason	59.2
KDEN	Doug Addington	79.2
KDFW	Al Stallbaumer	38.0
KJFK	Sean McConnell	20.9
KLAX	Bob Armer	151.1
KMIA	Vincent Simmons	79.6
KORD	Jim Gesell	67.9
KSEA	Brian Ware	151.9
WSSS	Paul Steele	152.6
YSSY	Kenneth Haynes	82.2

*Flying The Jetways Every Day*

### Regional Circuit

Gate-to-Gate coverage between airports throughout the ZBW airspace

**KBOS** Boston

and

Burlington **KBTV**

WEDNESDAY

**29th** SEP

7-10PM ET

## WestWind Hubs – August Hours

### Amsterdam (EHAM)

**Total Hours: 529.2**

**On-Line: 30.8 / Off-Line: 498.4 / Flights: 108**

### Atlanta (KATL)

**Total Hours: 136.8**

**On-Line: 25.3 / Off-Line: 111.5 / Flights: 49**

### Calgary (CYYC)

**Total Hours: 269.3**

**On-Line: 256.1 / Off-Line: 13.2 / Flights: 71**

### Chicago (KORD)

**Total Hours: 292.7**

**On-Line: 113.9 / Off-Line: 178.8 / Flights: 98**

### Cincinnati (KCVG)

**Total Hours: 137.7**

**On-Line: 36.0 / Off-Line: 101.7 / Flights: 61**

### Dallas/Ft. Worth (KDFW)

**Total Hours: 158.6**

**On-Line: 0 / Off-Line: 158.6 / Flights: 57**

### Denver (KDEN)

**Total Hours: 254.5**

**On-Line: 0 / Off-Line: 254.5 / Flights: 67**

### London (EGLL)

**Total Hours: 128.4**

**On-Line: 51.4 / Off-Line: 77.0 / Flights: 63**

### Los Angeles (KLAX)

**Total Hours: 339.2**

**On-Line: 21.1 / Off-Line: 318.1 / Flights: 100**

### Miami (KMIA)

**Total Hours: 307.0**

**On-Line: 28.8 / Off-Line: 278.2 / Flights: 77**

### New York (KJFK)

**Total Hours: 69.1**

**On-Line: 18.3 / Off-Line: 50.8 / Flights: 38**

### Seattle (KSEA)

**Total Hours: 449.6**

**On-Line: 59.7 / Off-Line: 389.9 / Flights: 116**

### Singapore (WSSS)

**Total Hours: 202.5**

**On-Line: 3.5 / Off-Line: 199.0 / Flights: 41**

### Sydney (YSSY)

**Total Hours: 170.0**

**On-Line: 54.0 / Off-Line: 116.0 / Flights: 40**

## WestWind Airlines



### Newest Pilots - August 2021

**Robert Tonkin WWA3648, KDEN Hub**

-, -

Please welcome these new WestWind Pilots and show them why  
**WWA** is the best virtual airline out there!



## Top WestWind Passenger Hub August 2021



**The Amsterdam Hub**  
**19,674 PAX Carried**

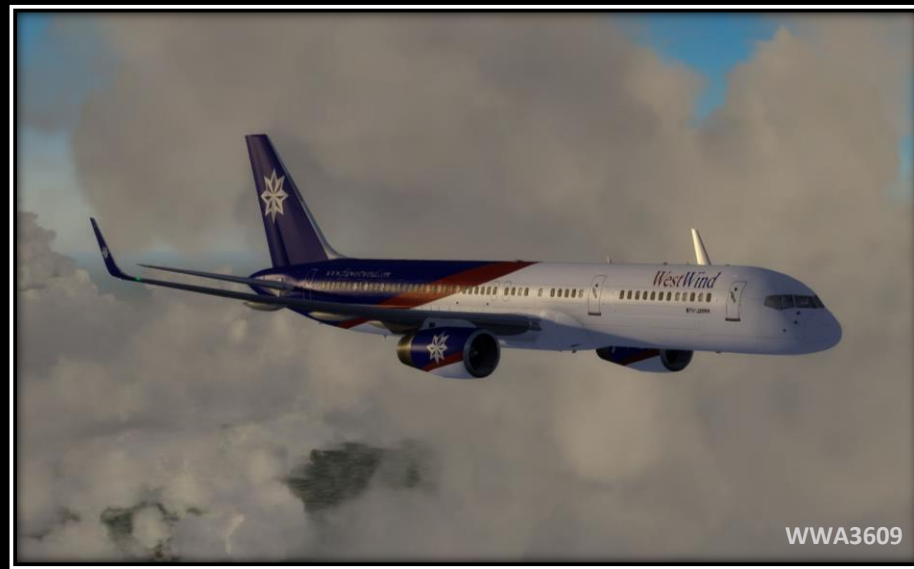
## Top WestWind Cargo Hub August 2021



**The Calgary Hub**  
**4,227,867 lbs. CGO Hauled**







## **WestWind** Screenshot Competition

Selected by **WestWind** Pilots  
every month!

**August 2021 Winner**

**Luuk Bakkum**

**WWA3609**

**EHAM Hub**





**5 Airports, 1 Event!**

Bradley International	KBDL
Hartford-Brainard	KHFD
Worcester Regional	KORH
Westfield Barnes Regional	KBAF
Westover ARB/Metro	KCEF

# Bradley

# Bash

**SEPT 12** 1:00 - 5:00 PM ET  
1700 - 2100 Z

Boston  
Virtual  
ARTCC

Photo courtesy of BVA member Scott Houser



This Month The **WestWind** Journal  
Salutes The Aviators of the



**United States Air Force**



**O**n August 11, 2021, Paul L. Steele, **WestWind** Vice President Operations/COO announced that **Bob Sturm**, **WWA230** has been appointed as the new Singapore Hub Manager. The previous Hub Manager, Bob Armer has served as WSSS's Hub Manager for a year, reactivating it from an almost dead state. He has elected to transfer to the KLAX Hub.

Bob Sturm has been with **WestWind** for years and has a wealth of management experience with our VA. It is always good to have an experienced leader at the helm of a hub with so much potential ahead. Bob's work with add on scenery for **WestWind** is a blessing to every hub in itself and the fact he is willing to step in and take on additional responsibility says much about his dedication to what we do at **WestWind**.





## September 18, 1947

The **United States Air Force (USAF)** is the air service branch of the United States Armed Forces. It is one of the eight U.S. uniformed services. Initially formed as a part of the United States Army on 1 August 1907, the USAF was established as a separate branch of the U.S. Armed Forces on **18 September 1947** with the passing of the National Security Act of 1947. It is the second youngest branch of the U.S. Armed Forces and the fourth in order of precedence. The U.S. Air Force articulates its core missions as air superiority, global integrated intelligence, surveillance and reconnaissance, rapid global mobility, global strike, and command and control.

The U.S. Air Force is the military service branch organized within the Department of the Air Force, one of the three military departments of the Department of Defense. The Air Force through the Department of the Air Force is headed by the civilian Secretary of the Air Force, who reports to the Secretary of Defense and is appointed by the President with Senate confirmation. The highest-ranking military officer in the Air Force is the Chief of Staff of the Air Force, who exercises supervision over Air Force units and serves as one of the Joint Chiefs of Staff. As directed by the Secretary of Defense and Secretary of the Air Force, certain Air Force components are assigned to unified combatant commands. Combatant commanders are delegated operational authority of the forces assigned to them, while the Secretary of the Air Force and the Chief of Staff of the Air Force retain administrative authority over their members.

Along with conducting independent air operations, the U.S. Air Force provides air support for land and naval forces and aids in the recovery of troops in the field. As of 2018, the service operates more than 5,369 military aircraft and at least 406 ICBMs.



## WestWind Airlines Select September On-Line Flight Events

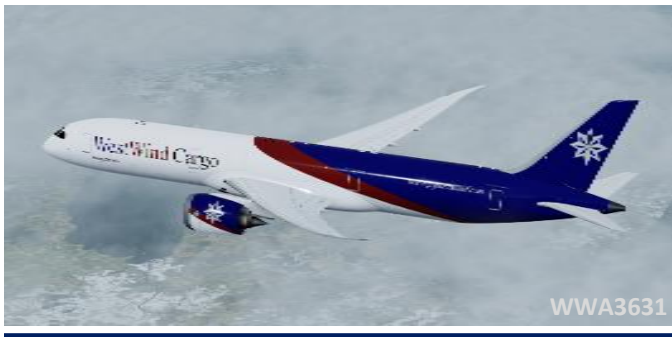
Sep 3	YROM, YBCV	1000Z-1130Z
Sep 4	<u>KORD</u>	2300Z-0300Z
Sep 5	KROA, KLYH, W91	2200Z-0200Z
Sep 8	KABI, KDYS	2300Z-0200Z
Sep 10	<u>KJFK</u> , KALB, KORF	2300Z-0300Z
Sep 12	Event Cancelled	-----
Sep 17	LEIB, LEPA, LEMH	1700Z-1900Z
Sep 18	KSJC, KTHV	2359Z-0400Z
Sep 19	KPAE, KOLM, KTIW, KRNT, KBFI	2300Z-0300Z
	EDDM	1730Z-2030Z
Sep 22	KSJT	2300Z-0200Z
Sep 25	KRDU, KRIC	2300Z-0300Z
Sep 26	KBUR, KSMO, KHHH, KONT, KLGB, KPSP, KSNA, KMYF, KSAN	2359Z-0400Z
Sep 29	KBOS, KBTW	2300Z-0200Z



*Promoting Aviation  
Through  
Simulation!*







**VJ Day, Sept 2, 1945**

**Victory Over Japan**

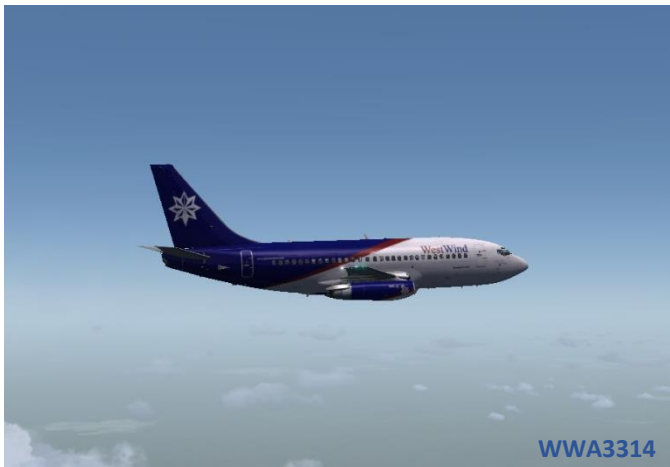


## SPECIAL NOTE:

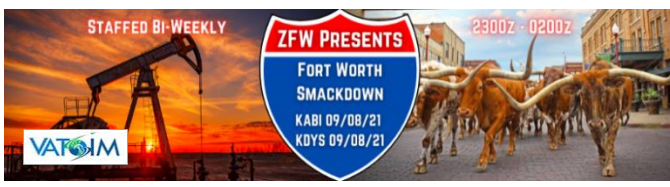
The planned On-Line Fly-In for September has been cancelled due to several WestWind members complaining about the airport selected for the first of 3 anniversary fly-ins.

As a result, rather than having 3 events dedicated to WestWind's 25<sup>th</sup> anniversary, there will only be 1, to be held during October. Full details will be in the October issue of the WestWind Journal.





WWA3314



## How To Contact The WESTWIND JOURNAL



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-or-

Hal Morse: [k9blueman@aol.com](mailto:k9blueman@aol.com)



FOLDS of HONOR



1928



**18 September 1928 (England/France)** The first rotating-wing aircraft to fly the English Channel is the Cierva C-8L "Autogyro" flown by its designer, Spaniard, Juan de la Cierva.

1935



**13 September 1935 (USA)** Millionaire film producer and amateur air racer Howard Hughes shatters the world land plane speed record in his home-built Hughes Racer airplane.

1945



**20 September 1945 (England)** A British Gloster "Meteor F.1" makes the first flight of an aircraft powered completely by turboprop engines. A turboprop or propjet is an aircraft with a propeller that is driven by a gas turbine engine.

1993



**10 September 1993 (USA)** Boeing finishes production of their 1,000th 747 airplane, 26 years after the 747 program was launched.



## Gulfstream G550 GV-SP



The Gulfstream G550 is a business jet aircraft produced by the General Dynamics' Gulfstream Aerospace unit in Savannah, Georgia, U.S. The certification designation is GV-SP. A version with reduced fuel capacity was marketed as the G500. Gulfstream ceased production of the G550 in July 2021.



The G550 (GV-SP) with improved engines received its FAA type certificate on August 14, 2003. In 2014, Gulfstream looked at a re-engine with the Rolls-Royce Pearl BR700 development announced in May 2018 for the new Global Express 5500 and 6500 variants but preferred the BR725-powered, 7,500-mile G650. The 500th Gulfstream G550 aircraft was delivered in May 2015.



As it is replaced by the \$54.5 million Gulfstream G600 with a lower 6,200-mile range but with a better cabin and cockpit, faster long-range cruise, and lower fuel burn. G550 deliveries went from 50 aircraft in 2011 to 19 in 2016 and with 40 units for sale in a fleet of 540. Its valuation is falling: a 10-year-old G550 valued at \$28 million a year before is worth \$18-\$20 million in January 2017, while a two-year-old went from \$40 to \$35 million. In May 2017, early 2003 G550s are valued \$14 million against more than \$45 million new, flying an average of 425 hours per year. In December 2018, a 2012-2013 G550 is valued at \$28-31 million, and it costs \$7,135 per hour for 400 hours a year.

Nevertheless, the G550 is an outstanding, top of the line aircraft that will meet any standard and the pickiest of passengers. With unmatched performance the U.S. government as no less than 8 in service.

**U.S. Army - 1**

**U.S. Air Force - 1**

**U.S. Navy - 1**

**U.S. Coast Guard - 1**

**U.S. Presidential Detachment – 2**

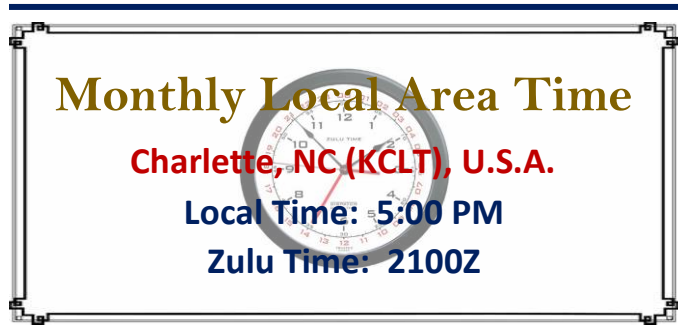
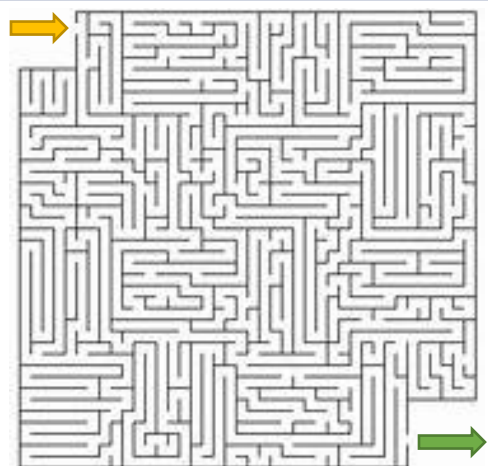
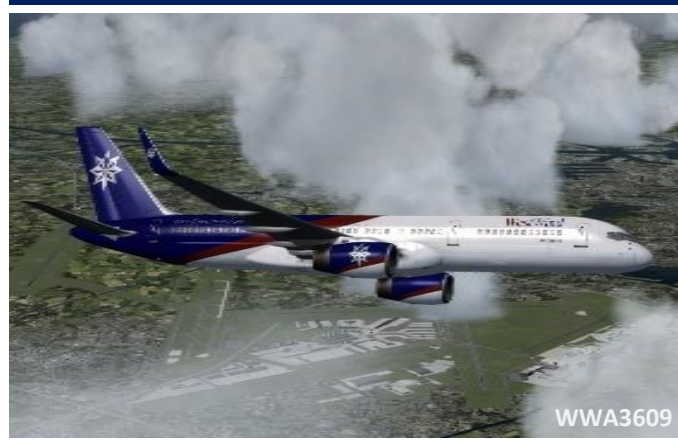
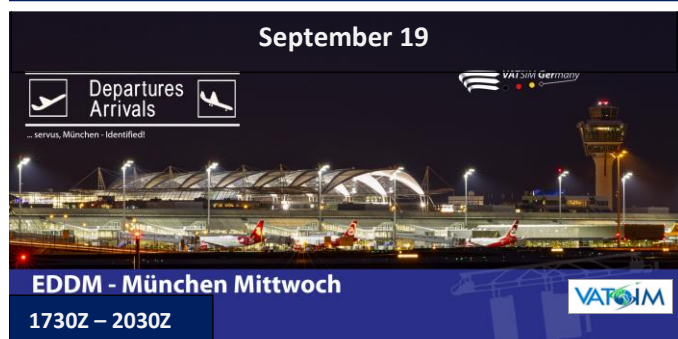
**U.S. Secret Service - 1**

**U.S. Department of Commerce – 1**



**Gulfstream**  
A GENERAL DYNAMICS COMPANY





**The Question:** You're looking at the approach chart for the instrument approach you're expecting to fly at your destination. There's an 'A' in a black triangle in the briefing strip. What does it mean?

-Discuss this in the Forum-



## WestWind Notable Pilot Mention

A long time WestWind Pilot, Ron Oines WWA2894, Senior Command Captain + 28 of the Calgary Hub, is WestWind's all-time top VATSIM pilot. Ron joined WestWind in April of 2011 and immediately began flying on-line via VATSIM and with very few and rare exceptions, has continued to fly on-line ever since! At the writing of this article Ron has 16,990.4 total VATSIM Hours of which 15,451.0 hrs. are WestWind logbook hours! I have no doubt that when this issue of the WestWind Journal is released on Sep 1<sup>st</sup>, his hours will be considerably higher! Ron also flies many of our WestWind events. Because of Ron Oines's dedication, drive, and desire to excel, we hereby award Ron Oines WWA2894, Senior Command Captain + 28

**WestWind Master Aviator Wings!**



**Congratulations Captain Oines, keep it up!**



## Reverse Thrust



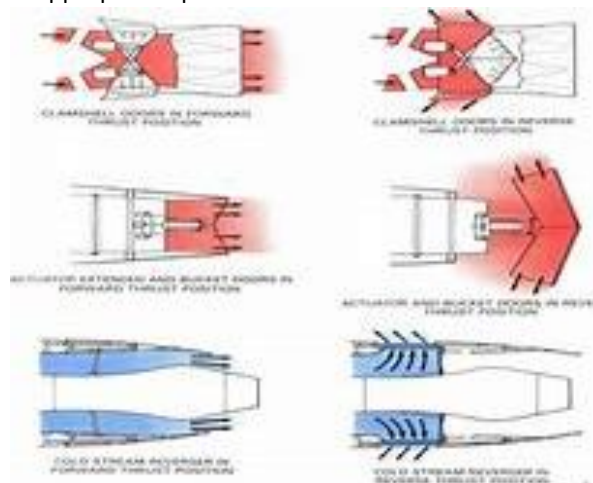
**R**everse thrust, also known as thrust reversal, is a control system found in many airplanes with jet engines that changes the direction in which air is exhausted from the engine. All reverse thrust systems are designed to change the direction in which air is exhausted from the engine. However, there are different types of reverse thrust systems, some of which work in different ways. Smaller airplanes, for example, use reverse thrust to reverse the flow of air entirely. Larger airplanes, on the other hand, only reverse the flow of air partially.

A typical commercial jet aircraft features a high bypass ratio engine that utilizes fans for reverse thrust. The airflow produced by the engines' fans is reversed, so rather than pushing out behind the airplane, it pushes air in front of the airplane.

There are also target-type thrust systems. With this type of system, the pilot engages bucket-style doors to change the direction in which gas steam is exhausted. Target-type reverse thrust systems are very common, and you can even find them in commercial Boeing 707 airliners. Another common type of reverse thrust system is clam shell. Clam-shell reverse thrust systems are characterized by the use of doors that open or close to change the direction of airflow.

Reverse thrust is essential control mechanism found in modern-day airplanes. While it doesn't allow airplanes to reverse their direction midair, it does allow them to decelerate

prior to landing. When approaching a destination airport, pilots will typically engage reverse thrust to slow down to a more appropriate speed.



## WestWind Airlines

Submit Screenshots



To Your 'Hub Screenshot' Section!





Qatar's **Hamad International Airport (OTHH)** has taken the spot of the best airport in the world in the 2021 Skytrax Annual World Airport Awards — unseating Singapore Changi, which has won the award for the past eight consecutive years.

The Hamad International Airport in Doha, Qatar opened in 2014 and has been rising in global airport rankings ever since. Last year, the airline and airport consulting firm Skytrax that conducts the awards named Hamad the third best airport in the world.

But Hamad's ascent in the rankings does not mean that Changi is not still a highly respected airport. The airport was named the best in the world in the 10 to 15 million passenger category and took prizes for the World's Best Airport Staff and the Best Airport Staff in Asia.

Skytrax also highlighted the recent achievements of Istanbul Airport in this year's ranking. Last year, the airport was only ranked at 102. This year, Istanbul skyrocketed to 17th place, making it the most improved airport in the world.



## U.S. Air Force *Thunderbirds*

**Sep 4-6      Cleveland, OH**

**Sep 11-12    Portsmouth, NH**

**Sep 18-19    Reno, NV**

**Sep 25-26    Mather, CA**



STAFFED BI-WEEKLY



**ZFW PRESENTS**

**FORT WORTH  
SMACKDOWN**

KSJT 09/22/21

2300Z - 0200Z



**VATOLIM**





Effects of Nosewheel Contact and Ground Spoilers  
On Weight-on-wheels and Aerodynamic Drag



**Check It And Use It!**

**Voice your ideas, suggestions and even concerns!**



## Amsterdam (EHAM)

Jefferson Starship

- |        |            |           |
|--------|------------|-----------|
| Sep 13 | Jason Mraz | Paradiso  |
| Sep 24 | Letz Zep   | Milky Way |

## Atlanta (KATL)

- |       |              |                      |
|-------|--------------|----------------------|
| Sep 1 | John Legend  | Cadence Bank Theatre |
| Sep 6 | Marc Anthony | State Farm Arena     |

## Calgary (CYYC)

- |        |                   |                |
|--------|-------------------|----------------|
| Sep 2  | Apocalyptical     | Palace Theater |
| Sep 21 | Dark Tranquillity | Dickens Pub    |

## Chicago (KORD)

- |        |                |                    |
|--------|----------------|--------------------|
| Sep 2  | Herbie Hancock | Orchestra Hall     |
| Sep 10 | IL Divo        | Arie Crown Theatre |

## Cincinnati (KCVG)

- |       |                    |                         |
|-------|--------------------|-------------------------|
| Sep 2 | Jefferson Starship | Memorial Hall           |
| Sep 4 | Brooks & Dunn      | River Bend Music Center |

## Dallas/Ft. Worth (KDFW)

- |       |               |                          |
|-------|---------------|--------------------------|
| Sep 1 | Guns N' Roses | American Airlines Center |
| Sep 4 | 38 Special    | Billy Bob's Texas        |

## Denver (KDEN)

- |       |                 |                   |
|-------|-----------------|-------------------|
| Sep 1 | Hall and Oats   | Pepsi Center      |
| Sep 3 | Little Big Town | Paramount Theater |

## London (EGLL)

- |       |              |              |
|-------|--------------|--------------|
| Sep 1 | Richard Marx | Union Chapel |
| Sep 5 | Heaven 17    | Roundhouse   |

## Los Angeles (KLAX)

- |       |                   |                      |
|-------|-------------------|----------------------|
| Sep 3 | Flock of Seagulls | Greek Theater        |
| Sep 9 | Steve Tyrell      | Catalina Bar & Grill |

## Miami (KMIA)

- |       |              |               |
|-------|--------------|---------------|
| Sep 4 | Uncle Luke   | Bayfront Park |
| Sep 9 | Ricky Valido | Bar Nancy     |

## New York (KJFK)

- |       |                   |                          |
|-------|-------------------|--------------------------|
| Sep 1 | Maroon 5          | Dorian Lake Amphitheater |
| Sep 2 | Melissa Etheridge | The Egg                  |

## Seattle (KSEA)

- |       |              |               |
|-------|--------------|---------------|
| Sep 4 | Garth Brooks | Qwest Field   |
| Sep 6 | Fall Out Boy | T-Mobile Park |

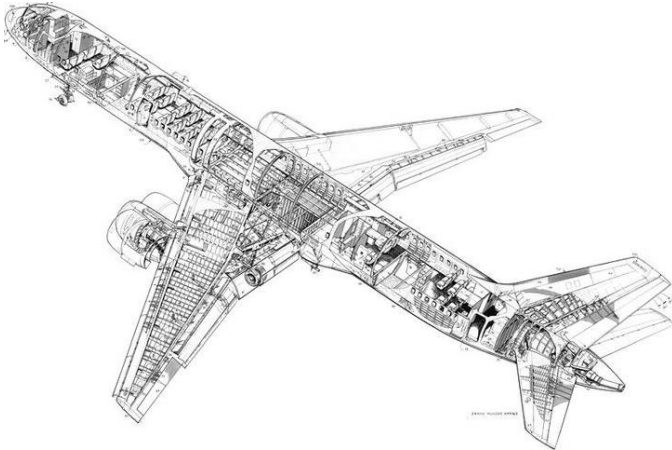
## Singapore (WSSS)

- |        |                 |                   |
|--------|-----------------|-------------------|
| Sep 4  | MayDay          | National Stadium  |
| Sep 17 | Boys Like Girls | Ebenex Live Space |

## Sydney (YSSY)

- |       |             |             |
|-------|-------------|-------------|
| Sep 4 | Ross Wilson | The Cube    |
| Sep 5 | Opal Ocean  | Civic Hotel |





## WestWind

### Monthly Pilot Awards

## September 2021

(These awards are for activities of the previous month)

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### AMSTERDAM

Pilot of the Month  
Erik Karlsen WWA1767

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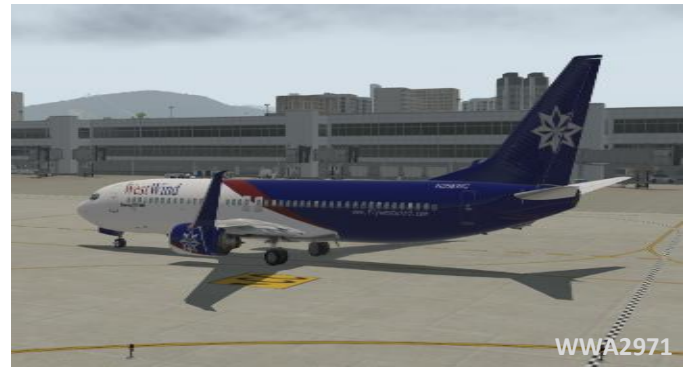
### CHICAGO

On-Line Pilot of the Month  
Bill Ienatsch WWA1033

Off-Line Pilot of the Month  
Jim Gesell WWA3461

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No Other WWA Hubs Reported Awards

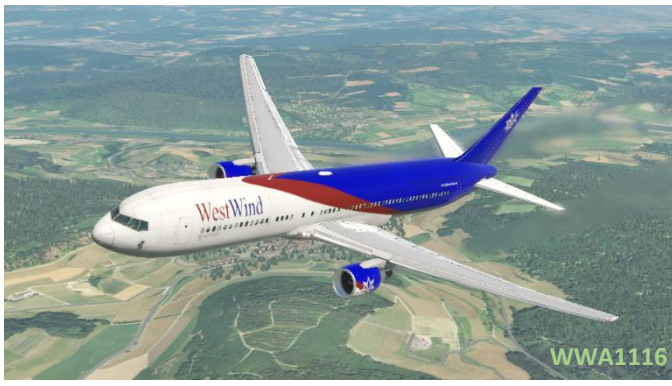


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As for the enemies of freedom, those who are potential adversaries, they will be reminded that peace is the highest aspiration of the American people. We will negotiate for it, sacrifice for it; we will not surrender for it, now or ever.

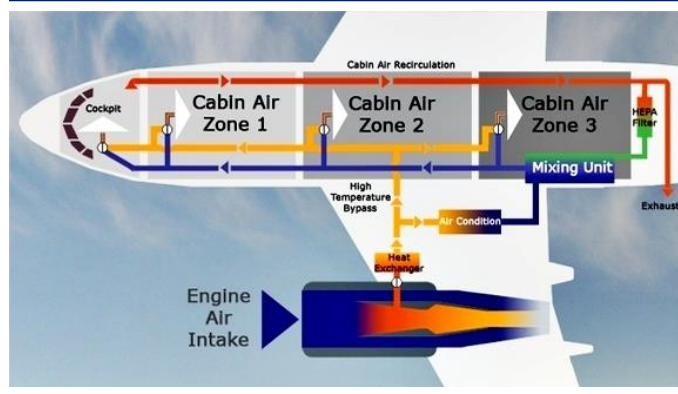
- Ronald Reagan -



Somebody's got to do it!







## Cabin Temperature and Pressurization

The engine's compressor contains a series of spinning blades that draw in fresh air from outside the plane. The air becomes extremely hot as it's compressed. It then enters the engine's combustion chamber where it combines with fuel and is burned. Then, the expanded gasses flow through the engine's turbine blades (powering the compressor blades) and exit the engine, creating thrust.

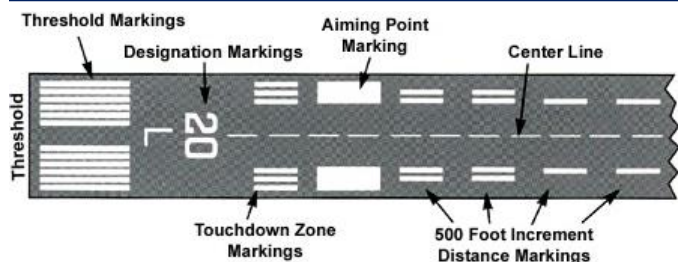
The bleed air, which is clean, hot air, is taken from the compressor prior to mixing with any fuel or exhaust gasses. Bleed air can help with the following:

- Cabin pressurization
- Wing and engine ice protection
- Air-driven hydraulic pumps
- Engine starter motors

While some of the already-hot bleed air is used for things like wing deicing, cabin-bound bleed air must be cooled first. The cooling is conducted within an intercooler, which is a device similar to that of a car radiator. The intercooler works by shedding the heat to ambient air. The air then travels to the belly of the plane where it is cooled even further through the use of air packs, which use an air cycle machine (a refrigeration unit). This surprisingly simple air conditioner utilizes air packs to compress incoming air to heat it before sending it to an additional intercooler to dump the heat outside of the plane. This air then expands through the expansion turbine, resulting in cool air.

At this point, the cooled air is ready to mix with the recirculated cabin air through the use of fans. Automatic systems work throughout the flight to regulate the mixture of the engine's heat and the cold from the air packs. To keep the aircraft cabin pressure at a safe level, any incoming air is held within the cabin through the use of an automatic outflow valve. This valve opens and closes on a regular basis to release the incoming air at the rate regulated by pressure sensors. The outflow valve also acts as an exit hatch for old, smelly air to vacate the plane.





## High Speed/Low Altitude Ejection



Southwest Airlines Captain Brian Udell's story of a routine training mission off the coast of North Carolina on April 18, 1995 while in the Air Force. Udell was piloting a McDonnell Douglas F-15E Strike Eagle along with weapon systems officer Captain Dennis White. While making a 60-degree right-hand turn, a computer failure caused the aircraft to malfunction, and instead of completing the turn, the plane was heading straight down towards the ocean at more than 800 mph.

With only seconds left before impact and no way to pull out of the dive, Udell gave the command to eject. Knowing that White would be ejected from the rear seat first, Udell pulled the handles at 6,000 feet. The canopy was released at 4,500 feet, with White ejecting at 3,000 and then Udell at 1,500. Udell's parachute opened in time to safely land in the ocean, but unfortunately, White died during the ejection. Managing to climb aboard his emergency raft, despite having suffered terrible injuries, Udell had to wait four hours before being rescued.

Following an Air Force investigation into the incident, it was concluded that Udell had no other option than to eject from

the plane. With regards to his injuries, doctors told Udell that he might never walk again. However, Udell was determined, and after six months of rehabilitation, he was back on his feet. Ten months later, Udell was back on duty flying combat missions over Iraq.



# WEST WIND







## SKYTRAX World Airport Awards

- #10 Hong Kong International Airport **VHHH**
- #9 Kansai International Airport **RJBB**
- #8 **Heathrow Airport EGLL**
- #7 Zurich Airport **LSZH**
- #6 Munich Airport **EDDM**
- #5 Tokyo Narita Airport **RJAA**
- #4 Incheon International Airport **RKSI**
- #3 **Singapore Changi Airport WSSS**
- #2 Tokyo Haneda International Airport **RJTT**
- #1 Hamad International Airport **OTHH**





## Your WestWind Hub Staff

President and CEO	Mark Kusiak
Chief Operations Officer	Paul Steele
Chief Pilot & Administrations Officer	Sean McConnell
Chief Information Officer	George Forster
Chief Maintenance Officer	Hal Morse
Director Online Operations & Events	Chris Cramblet
Director of IT	-Vacant-
Director Cargo Operations	-Vacant-
Vice President Charter Operations	Phil Cohen
Vice President Flight Operations	-Vacant-
Alaska Regional Director	Scott Robison
Caribbean Regional Director	Braden Vandererau

### - Hub Managers -

Amsterdam Hub Manager <b>EHAM</b>	Hal Morse
Atlanta Hub Manager <b>KATL</b>	Jim Short
Calgary Hub Manager <b>CYYC</b>	Scott Robison
Chicago Hub Manager <b>KORD</b>	Chris Cramblet
Dallas/Ft. Worth Hub Manager <b>KDFW</b>	Al Stallbaumer
Denver Hub Manager <b>KDEN</b>	Brian Mills
London Hub Manager <b>EGLL</b>	Ken Rotker
Los Angeles <b>KLAX</b>	Phil Cohen
Miami <b>KMIA</b>	John Oddo
New York Hub Manager <b>KJFK</b>	Sean McConnell
Seattle Hub Manager <b>KSEA</b>	Dwayne White
<b>Singapore Hub Manager WSSS</b>	<b>Bob Sturm</b>
Sydney Hub Manager <b>YSSY</b>	Kenneth Hayes

## Watch for WestWind's Anniversary Fly-In In October



Full details In The October Issue of

THE WESTWIND JOURNAL

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WWA3615	Hal Morse
WWA3620	Martin Douglas
WWA3631	Fred Koch
WWA3635	Donald Tinc



This concludes the September 2021 issue (21-09) of  
THE WESTWIND JOURNAL

We hope that you have enjoyed it and found some useful information as well. Look for major news in the October issue!

– THE WESTWIND JOURNAL –



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