



1



2



3



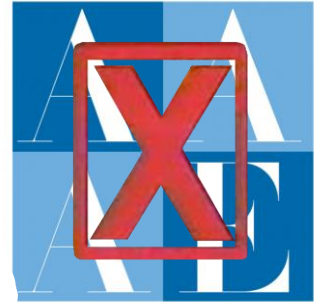
4



5

**NOPE, NOT A
BRANCH OF
AAAAE,
EITHER**

*Though SECAAAE played a
pivotal role in our formation



6

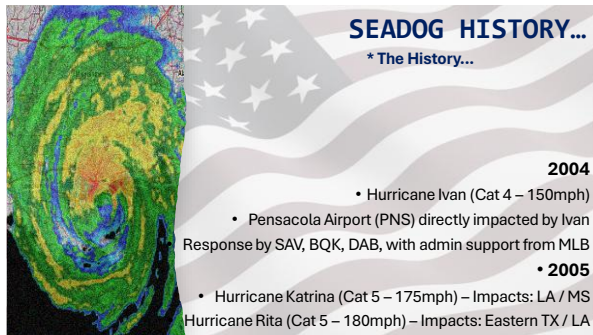


NOT A BRANCH OF THE ICAO OR IATA

7



8



9



10



11



12

WHAT'S THE DIFFERENCE



• What is the difference between the “Dawgs”?

SEADOG:

- A non formalized NGO with coordinating disciplines maintaining leadership roles.
- Has a large group of general members who contribute resources and disciplines necessary to the speed up the recovery of an airport.
- No written agreements (strictly **informal**).
- Predominately Southern Airports but Midwestern, Northeastern, and West Coast Airports participate.

13

WHAT'S THE DIFFERENCE ... CONT



• What is the difference between the “Dawgs”?

WESTDOG:

- Has a formalized agreement between a small group of airport members across the West Coast United States.
- Has a lead airport and a secondary lead with leadership roles changing annually.
- Written agreement is required for membership.

14

AIRPORTS HELPING AIRPORTS



• What do you need to recover?

The informal agreement between SEADOG Airports allows help to restore Commercial and General Aviation Flights:

- Equipment
- Manpower
- Food/Water
- Generator/Fuel
- Cots/Blankets/Medical Supplies

15

WHAT DOES SEADOG/WESTDOG OFFER



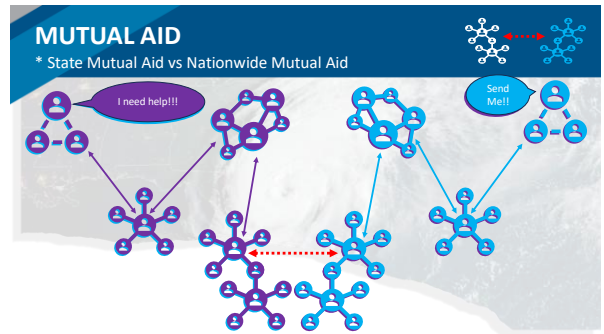
SEADOG Airports

- Airports can mobilize very quickly.
- SEADOG/WESTDOG can bring a unique capability of **delivery** for specialization of personnel and resources specific to the unique airport environment.
 - Supplemental ARFF Personnel
 - Supplemental Ops Personnel
 - Supplemental Assessment Teams
 - Supplemental Airport LEO/Security Personnel

16



17



18



19



20

SEADOG RESPONSE TO LCH / CWF 2020



21

SEADOG RESPONSE TO HDC / HUM 2021



22

SEADOG RESPONSE TO PUNTA GORDA 2022



23

SEADOG RESPONSE TO HURRICANE IAN 2022



AIRPORTS CONTACTED / MONITORED

Florida	South Carolina	North Carolina
RSW	CHS	ILM
APF	FLO	RDU
SRQ	MYR	
EYW	HHL	
PGD	CAE	
MLB		
TPA		
PIE		
LAL		
MCO		

- Coordinated with 8 airports.
- Some received minor flooding, but no one requested assistance

24

SEADOG RESPONSE TO HURRICANE IAN 2022



- Tucson International Airport
- The Ohio State University
 - Has a staff of over 350 students
- Lake Charles, LA
- Brownsville, TX
- APF sent a Lektro tug to PGD, as well as assisted getting their fueling equipment tested and operational
- FLL – sent team to PGD for 4 days
- TLH – sent teams with fencing to PGD
- MCO – sent over 200 taxiway lights to APF
- JAX – sent a team to PGD
- Martin County Airport (Stuart, FL) sent electrical help to APF
 - 1st known general aviation airport helping commercial
- RSW – sent electrical help to APF
- PWM – sent taxiway lights to APF

25

SAV RESPONSE TO PUNTA GORDA 2022



26

NAPLES (APF) RESPONSE TO PUNTA GORDA 2022

- APF sent a lektro tug to PGD, as well as assisted getting their fueling equipment tested and operational



27



28



29



30

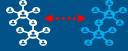


31



32

TROPICAL CYCLONE HELENE VS. VLD



WE'RE HAPPY TO
HELP



33

TROPICAL CYCLONE HELENE VS. AVL



34

AVL COMPARISON TO... CARIBBEAN



Rank	Airport	City	Country/Region	Passengers	2024
1	San Juan International Airport	San Juan	PR	5,452,524	1,000,000
2	Port of Spain International Airport	Port of Spain	TR	4,100,000	1,000,000
3	San Jose International Airport	San Jose	CR	3,500,000	1,000,000
4	San Salvador International Airport	San Salvador	SV	3,000,000	1,000,000
5	San Pedro de Macoris International Airport	San Pedro de Macoris	DO	2,500,000	1,000,000
6	San Juan de los Rios International Airport	San Juan de los Rios	VE	2,000,000	1,000,000
7	San Juan de los Rios International Airport	San Juan de los Rios	VE	1,500,000	1,000,000
8	San Juan de los Rios International Airport	San Juan de los Rios	VE	1,000,000	1,000,000
9	San Juan de los Rios International Airport	San Juan de los Rios	VE	500,000	1,000,000
10	San Juan de los Rios International Airport	San Juan de los Rios	VE	250,000	1,000,000

AVL – Small Hub:

- 1,096,465 CY 24 Enplanements

Rank	Airport	City	Country/Region	Passengers	2024
1	San Juan International Airport	San Juan	PR	5,452,524	1,000,000
2	Port of Spain International Airport	Port of Spain	TR	4,100,000	1,000,000
3	San Jose International Airport	San Jose	CR	3,500,000	1,000,000
4	San Salvador International Airport	San Salvador	SV	3,000,000	1,000,000
5	San Pedro de Macoris International Airport	San Pedro de Macoris	DO	2,500,000	1,000,000
6	San Juan de los Rios International Airport	San Juan de los Rios	VE	2,000,000	1,000,000
7	San Juan de los Rios International Airport	San Juan de los Rios	VE	1,500,000	1,000,000
8	San Juan de los Rios International Airport	San Juan de los Rios	VE	1,000,000	1,000,000
9	San Juan de los Rios International Airport	San Juan de los Rios	VE	500,000	1,000,000
10	San Juan de los Rios International Airport	San Juan de los Rios	VE	250,000	1,000,000

35

AVL TO... CENTRAL AMERICA



AVL – Small Hub:

- 1,096,465 CY 24 Enplanements

Rank	Country	Airport name	ICAO Code	City served	Passengers
1	Paraguay	Asuncion International Airport	ATSA	Asuncion	1,000,000
2	Costa Rica	San Jose International Airport	LIRJ	San Jose	1,000,000
3	Guatemala	La Aurora International Airport	MGUA	Guatemala City	1,000,000
4	El Salvador	San Salvador International Airport	MGSA	San Salvador	1,000,000
5	Honduras	Tegucigalpa International Airport	MGTH	Tegucigalpa	1,000,000
6	Nicaragua	Managua International Airport	MGMA	Managua	1,000,000
7	Costa Rica	San Jose International Airport	LIRJ	San Jose	1,000,000
8	Paraguay	Asuncion International Airport	ATSA	Asuncion	1,000,000
9	Guatemala	La Aurora International Airport	MGUA	Guatemala City	1,000,000
10	El Salvador	San Salvador International Airport	MGSA	San Salvador	1,000,000
11	Honduras	Tegucigalpa International Airport	MGTH	Tegucigalpa	1,000,000
12	Nicaragua	Managua International Airport	MGMA	Managua	1,000,000
13	Costa Rica	San Jose International Airport	LIRJ	San Jose	1,000,000
14	Paraguay	Asuncion International Airport	ATSA	Asuncion	1,000,000
15	Guatemala	La Aurora International Airport	MGUA	Guatemala City	1,000,000
16	El Salvador	San Salvador International Airport	MGSA	San Salvador	1,000,000

36

AVL TO... SOUTH AMERICA

2022 South America Inland airports by passenger traffic

Rank	Country	Airport	City	Passenger	Change
1	Colombia	El Dorado International Airport	Bogotá	35,475,221	+45% 15%
2	Peru	José Pardo Cosío International Airport	Lima	14,862,742	+45% 17%
3	Venezuela	Simón Bolívar International Airport	Caracas	10,776,227	+47% 17%
4	Chile	Arturo Merino Benítez International Airport	Santiago	10,518,847	+48% 15%
5	Costa Rica	Juan José Martí International Airport	San José	10,175,147	+48% 17%
6	Guatemala	La Aurora International Airport	Guatemala	10,475,727	+48% 17%
7	Paraguay	José María Córdova International Airport	Asunción	10,214,127	+48% 15%
8	Argentina	Amélieo C. de la Cruz International Airport	Buenos Aires	10,000,247	+47% 15%
9	Brazil	Interoceanic International Airport	Curitiba	11,045,247	+47% 17%
10	Uruguay	Arturo Merino Benítez International Airport	Montevideo	10,167,247	+48% 15%
11	Ecuador	Mariscal Sucre International Airport	Quito	9,537,247	+48% 15%
12	Spain	Barceloneta International Airport	Madrid	8,715,427	+47% 15%
13	Colombia	Simón Bolívar International Airport	Medellín	8,454,247	+48% 15%
14	Venezuela	Arturo Merino Benítez International Airport	Caracas	7,217,247	+48% 15%
15	Paraguay	Arturo Merino Benítez International Airport	Asunción	7,007,247	+47% 15%
16	Peru	Arturo Merino Benítez International Airport	Lima	6,854,247	+47% 15%
17	Argentina	Arturo Merino Benítez International Airport	Buenos Aires	6,828,247	+47% 15%
18	Colombia	Arturo Merino Benítez International Airport	Medellín	6,822,247	+47% 15%
19	Costa Rica	Arturo Merino Benítez International Airport	San José	6,885,247	+47% 15%
20	Spain	Arturo Merino Benítez International Airport	Madrid	5,770,247	+48% 15%
21	Peru	Arturo Merino Benítez International Airport	Lima	5,682,247	+47% 15%
22	Colombia	Arturo Merino Benítez International Airport	Medellín	4,885,247	+47% 15%
23	Spain	Arturo Merino Benítez International Airport	Madrid	4,885,247	+47% 15%
24	Colombia	Arturo Merino Benítez International Airport	Medellín	4,885,247	+47% 15%
25	Spain	Arturo Merino Benítez International Airport	Madrid	4,885,247	+47% 15%

AVL – Small Hub:

- 1,096,465 CY 24 Enplanements

37

SEADOG RESPONSE TO AVL

- Charleston, SC (CHS)
- Charlotte, NC (CLT)
- Cincinnati/Northern Kentucky (CVG)
- Ft. Lauderdale, FL (FLL)
- McGhee Tyson, TN (TYS)
- Piedmont Triad, NC (GSO)
- Raleigh-Durham, NC (RDU)
- Wilmington, NC (ILM)
- Charlottesville, VA (CHO)
- Fort Myers, FL (RSW)
- Jacksonville, FL (JAX)
- Louisville, KY (LOU)
- Memphis, TN (MEM)
- Portland, OR (PDX)
- Richmond, VA (RIC)
- Roanoke, VA (TYS)
- Savannah, GA (SAV)
- Tuscaloosa, AL (TCL)
- Washington, D.C. (MWWA)

38

AIRPORT MUTUAL AID SENT TO AVL

Approximately 5,820 manhours over ~2 weeks

Positions Requested / Needed:

- Electrician (Airfield and Building)
- Carpenter
- Airport / Airfield Operations
- General Maintenance
- Law Enforcement
- Guest Experience / Bag Support
- Public Information Officer
- ARFF
- Communications Assistant
- Emergency Management
- Planning Section Chief
- Administration Specialist



39

FAA / CARRG / CDEMA SUPPORT



Things to Consider

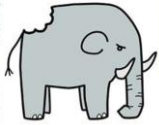
- Emergency Declarations to Waive Things Like:
 - Waiver of:
 - Sovereign Immunity
 - Work Visas
 - Use of manpower / equipment
 - "Import Duties," "Taxes," "Custom Inspections"
 - Permission for Humanitarian / Military Operations
 - Standardizing Equipment Across the Region:
 - Lighting System(s) and Light(s)
 - LED vs non-LED
 - Airfield Lights Transformers
 - Voltage Wiring Standards
 - Use FEMA Typing as a Standard
 - Formalize Regional Agreements
 - How Are You Going To:
 - Provide Security for the responding agencies ...
 - Feed / Hydrate ...
 - House ...

40

FAA / CARRG / CDEMA SUPPORT



HOW DO YOU EAT
AN ELEPHANT?
ONE BITE
AT A TIME!



41

HAVE LIMITED STAFF?



42

NETWORKING / COLLABORATION...



43

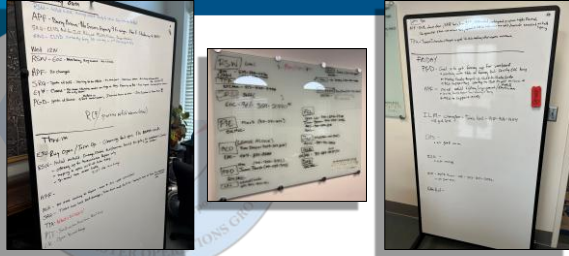
WAIT A MINUTE....



HOW CAN ALL THIS GET DONE?
* We are glad you asked!

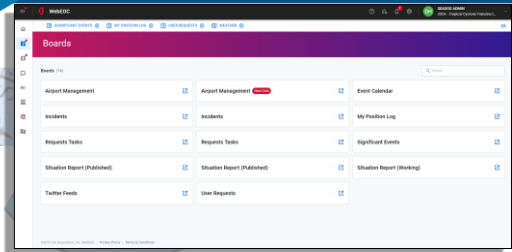
44

OLD SCHOOL TRACKING....



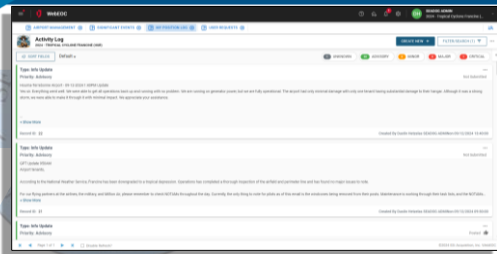
45

HIGH PERFORMANCE TRACKING...



46

HIGH PERFORMANCE TRACKING...



47

STATUS SEADOG TRACKS

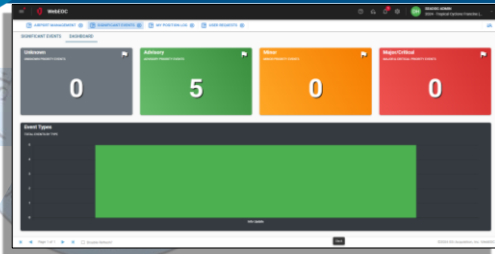


- Airport Status (Open/Closed/Emergency)
- Damage Assessment Status
- Manpower Needs / Manpower Shifts
- Equipment Needs
- Employee Morale Needs
- Deployment Duration / Location / Requirements
- State Resource Request Number(s)
- Responding Airports



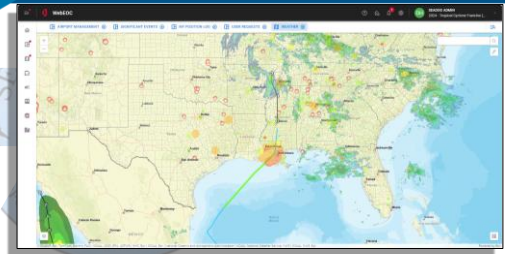
48

HIGH PERFORMANCE TRACKING...



49

HIGH PERFORMANCE TRACKING...



50

2024-2025 SEADOG EVENTS

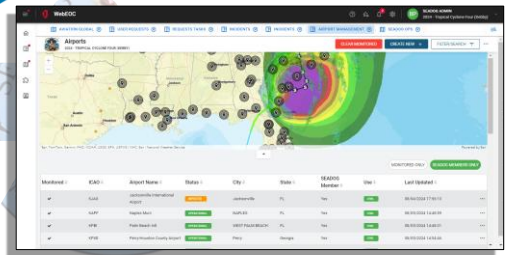


- 2024**
- TC Beryl (June 28th – July 9th)
 - TC Debby (August 3rd – 8th)
 - TC Francine (September 9th – 12th)
 - TC Helene (September 24th – 27th)
 - TC Milton (October 5th – 10th)
- 2025**
- Winter Storm Enzo (Jan 20th – 27th)



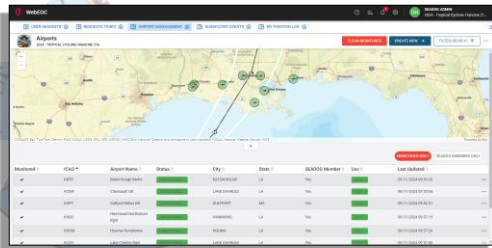
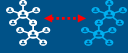
51

TROPICAL CYCLONE: DEBBY



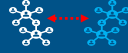
52

TROPICAL CYCLONE: FRANCINE



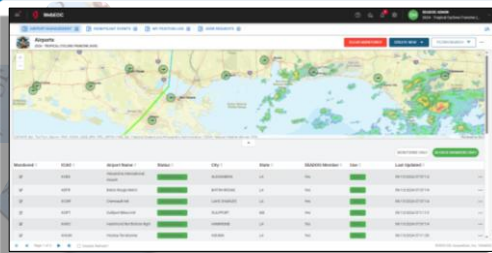
53

TROPICAL CYCLONE: FRANCINE



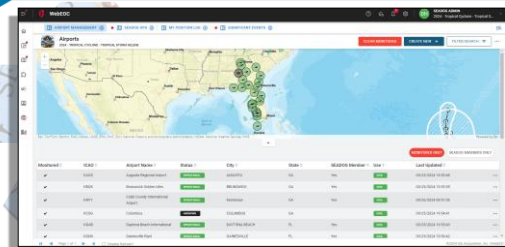
54

TROPICAL CYCLONE: FRANCINE



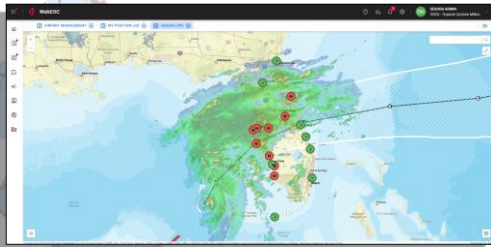
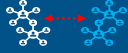
55

TROPICAL CYCLONE: HELENE



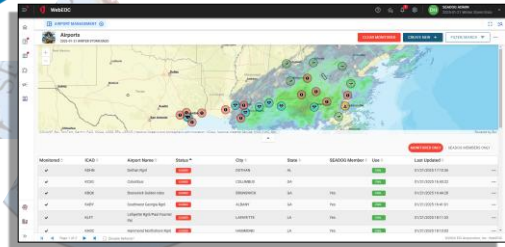
56

TROPICAL CYCLONE: MILTON



57

WINTER STORM: ENZO



58

QUESTIONS?

Andy Singhas
Senior Operations Manager
 Cell - (912) 433-5778
ASinghas@flysav.com

Dustin Hetzel
Airport OPS Compliance / Emergency Management Coordinator

Savannah Airport Commission
 400 Airways Ave
 Savannah, GA 31408
 Cell - (912) 433-5778
DHetzel@flysav.com



59