



***Operation Pulse Lift***  
**CAP – COVID-19**  
**Blood Donation &**  
**Transport Response**  
**“Day - 894”**



**“44,071 Lives Potentially Saved”**

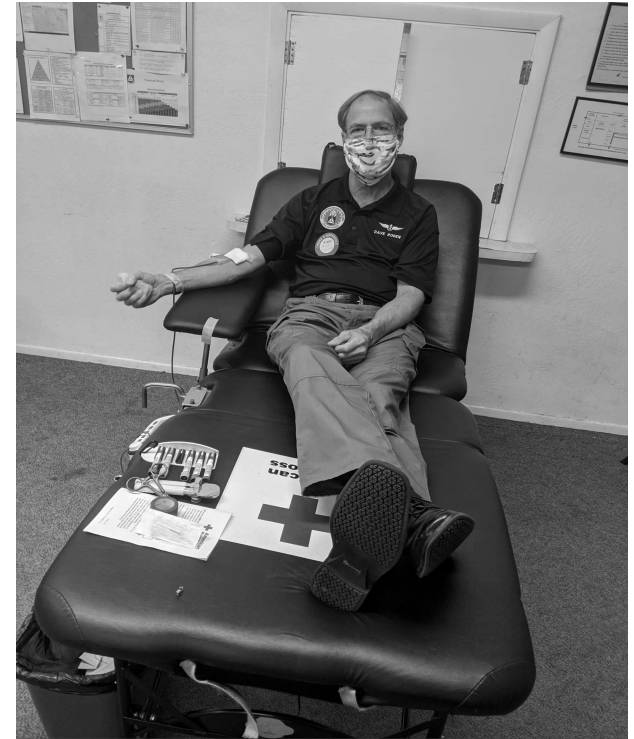
**Major Margot Myers & Capt Valerie Moczygemba**



# Agenda



- Mission
- Capabilities
- History
- Outcomes
- Air Force and Army Support





# Operation Pulse Lift Mission



Operation Pulse Lift is a nationwide Disaster Relief capability, employed within the Congressionally chartered authority of Civil Air Patrol's Emergency Services mission. Its intent is to provide enabling capabilities and force-multiplier resources supporting the National Blood Program. It provides facilities, logistics support, personnel, air/ground transportation, communications, and command & control capabilities; supporting responses to regional/nationwide disasters. It also supports the Armed Services Blood Program collection/distribution operations during wartime/contingencies and disasters.





# Operation Pulse Lift Capabilities



## Operation Pulse Lift – Provides:

- ❑ Facilities and/or trained CAP Blood Support Teams (BST) to set up and operate temporary Blood Donor Centers (BDC) across nation
- ❑ A nationwide walking donor blood bank (58,000+ members/families).
- ❑ Air & ground transport support to the Armed Services Blood Program (ASBP), the American Red Cross, and other blood agencies.
- ❑ BST augmentation at ASBP blood collection sites and transport of blood products. Two locations in Texas have been supported.





# Operation Pulse Lift Capabilities



## Operation Pulse Lift – Provides:

- ❑ **BDC** – Blood Donor Centers (Temporary) for collection of blood.
- ❑ **BST** – Blood Support Teams for augmentation of blood collection teams from the American Red Cross/other agencies and the Armed Services Blood Program Office. During emergencies, CAP BSTs may also augment military personnel at permanent BDC locations for packaging, palletization, and loading of blood for transshipment.
- ❑ **BTT** – Blood Transport Teams with aircraft/aircrew, vehicles/drivers, dispatchers/communicators, and other positions to assist in the safe and expedited point-to-point transport of blood and blood products.
- ❑ **BTCT** – Blood Transshipment Center (BTC) Teams to augment Air Force personnel managing BTCs at west and east coast installations.





## *Operation Pulse Lift - History Pre-COVID 2017-2019*



- Began – 12 April 2017 in Mesa, AZ
- Three collection events/year (Mar, Sep, Dec)
- Initially a Joint CAP & ARC effort.
- CAP squadron building used for collections.
- Collections done by ARC members.
- Admin/Support/Logistics provided by CAP members.
- Goal: Collect 300 units for 900 lifesaving procedures.
- Outcome: 527 units collected for 1,581 patients.
- Listed on ARC State Emergency/Disaster Blood Collection List.
- Became a great ES and Recruitment/Marketing opportunity.
- Set the stage for CAP COVID-19 response.





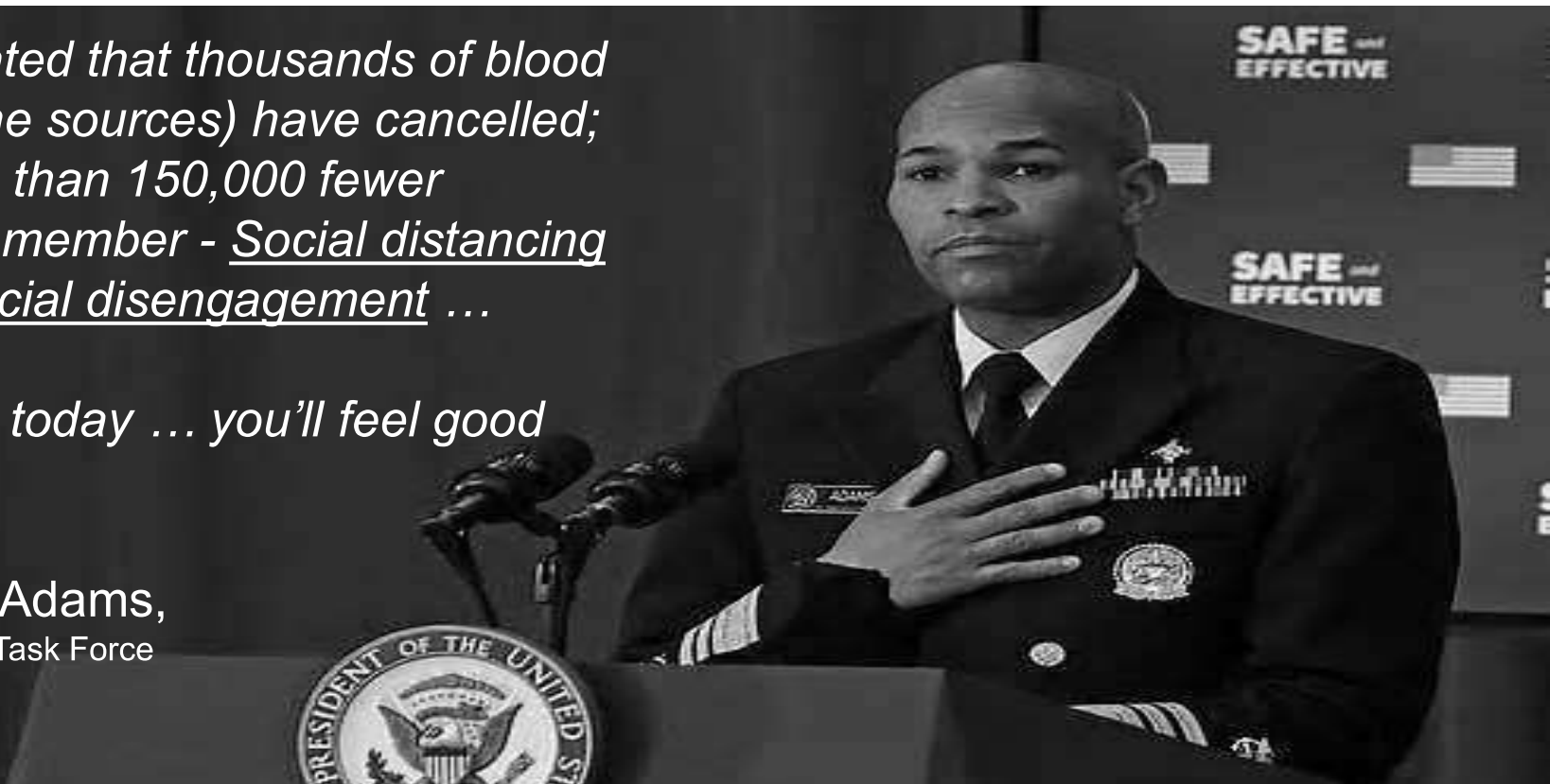
## *Operation Pulse Lift - History*

### *CAP COVID-19 Mobilization – 17 March 2020*

*“We have estimated that thousands of blood drives (80% of the sources) have cancelled; resulting in more than 150,000 fewer donations. ... Remember - Social distancing doesn't mean social disengagement ...*

*... So give blood today ... you'll feel good about it.”*

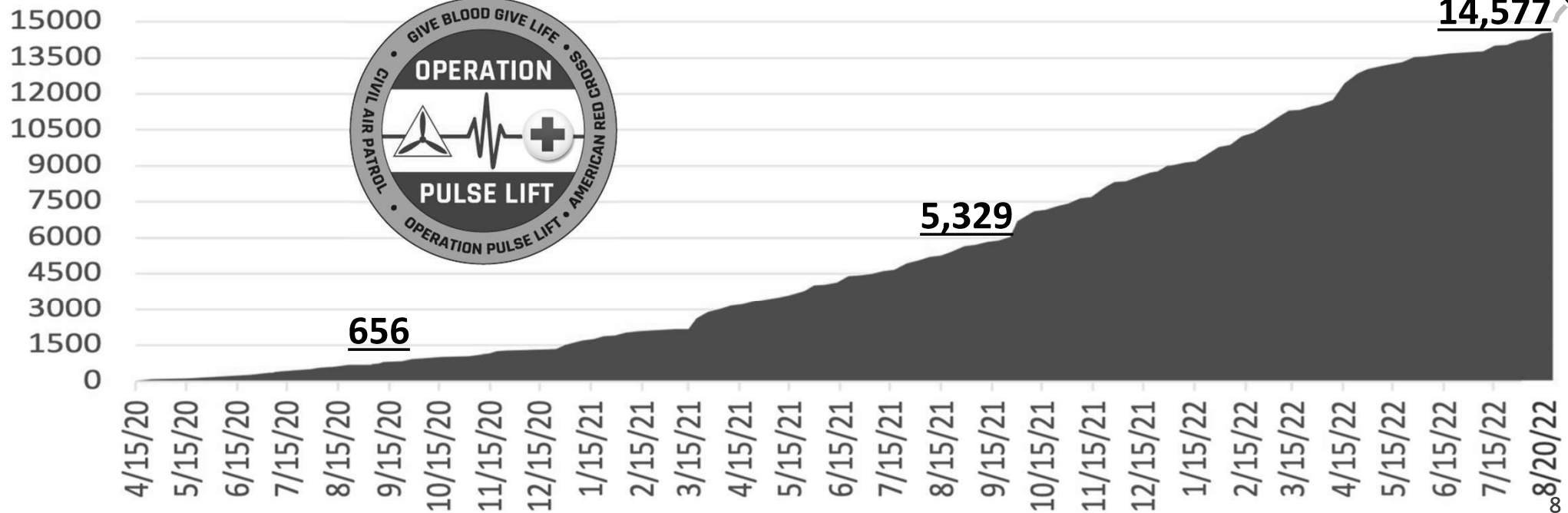
**Adm (Dr) Jerome Adams,**  
White House COVID-19 Task Force  
U.S Surgeon General





# Operation Pulse Lift Blood Units Donated

Mission Goal Date: 1 Oct 2022  
Goal: 15,000 Units of Blood







# Blood Donations

*Operation Pulse Lift – COVID Response*

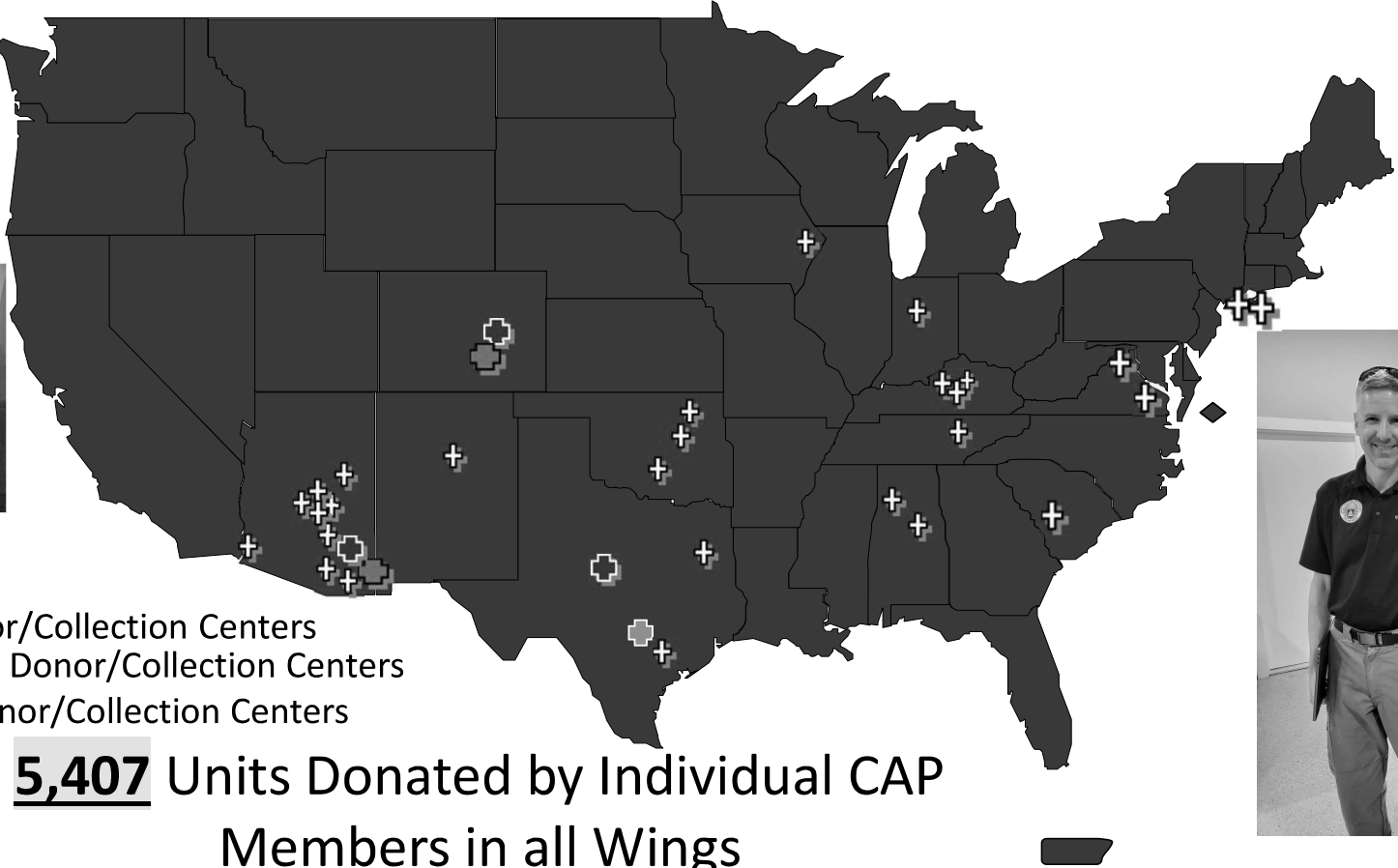


- 15 April - 31 December 2020: **1,530 Blood Units**
- 1 January – 31 December 2021: **7,493**
- 1 January – 31 December 2022: **5,553**
  
- CAP COVID Donor Center Events: **212**
- Units Collected: **14,577**
- Wings Participating **52+NHQ**
- Blood Transports: **114**
- Collection Centers Supported: **35**





# Member Individual Donations *Operation Pulse Lift 2021-2022*



- ✚ CAP Blood Donor/Collection Centers
- ✚ Air Force Blood Donor/Collection Centers
- ✚ Army Blood Donor/Collection Centers

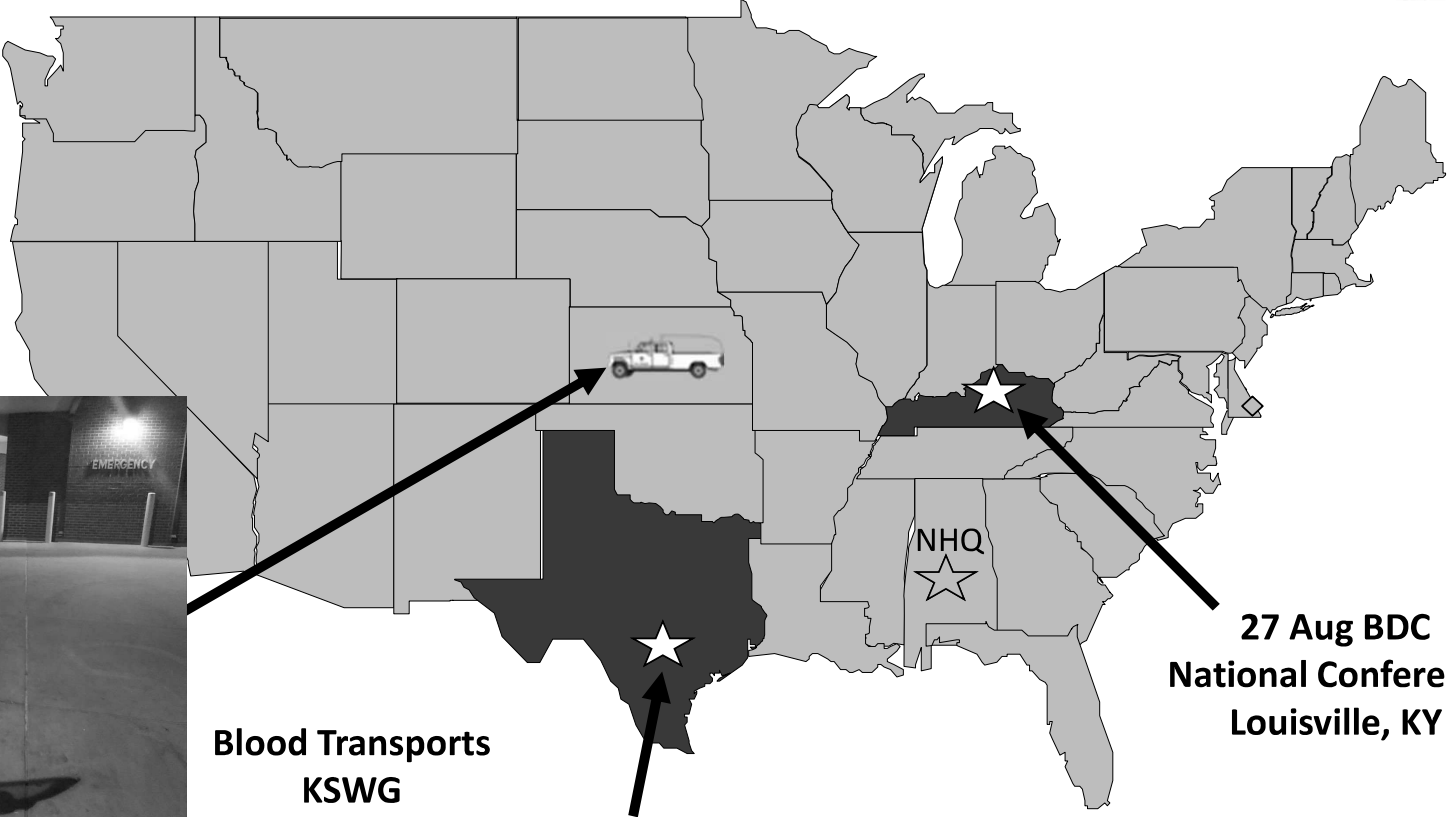
**5,407** Units Donated by Individual CAP  
Members in all Wings





# Operation Pulse Lift

## This Week's Events & Individual Donations



**Blood Transports  
KSWG**

**27 Aug BDC  
Joint Base - San Antonio**

**27 Aug BDC  
National Conference  
Louisville, KY**





# Blood Transports

## *Operation Pulse Lift FY2022*

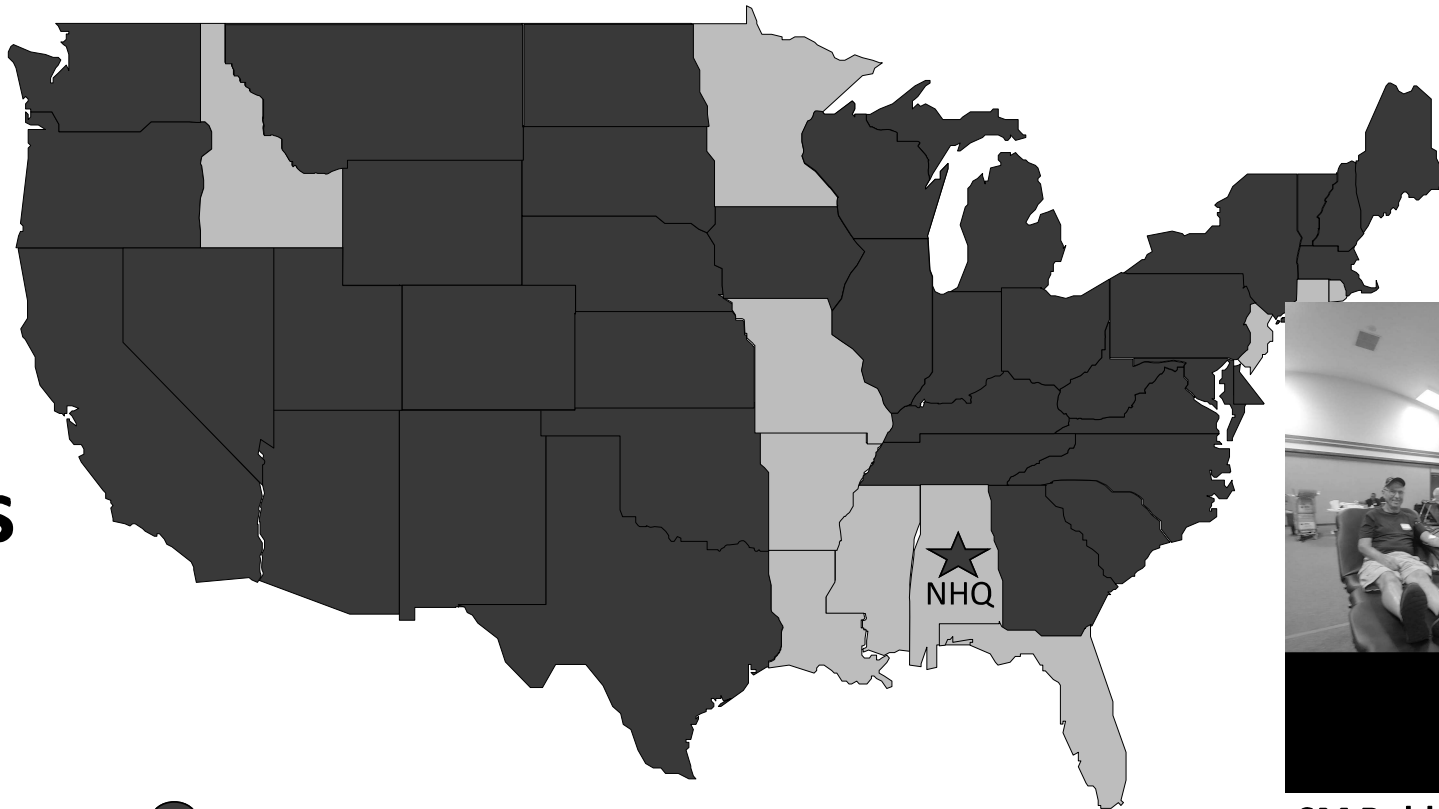


- ❑ Total Blood Transport Sorties in FY22: **115**
- ❑ Kansas Wing Ground Transport Sorties: **112**
- ❑ Kansas Wing Air Transport Sorties: **2**
- ❑ Saves credited: **5** Kansas Wing





# Operation Pulse Lift 101 Days of Giving Campaign \*



**670 Units**



● Wings/NHQ providing donations or supporting collections  
\* From the beginning of the Memorial Day Weekend to the end of the Labor Day Weekend – Goal of 500 Units of Blood



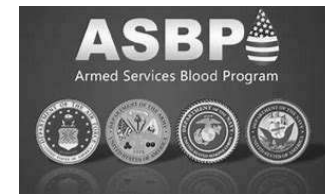
**SM Bobb Chapman  
Arizona Wing**





# *Operation Pulse Lift*

## Support to Armed Services Blood Program

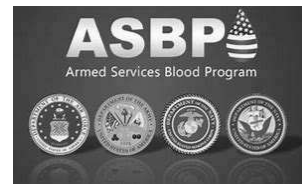


Under the guidance of Air Force Instruction 44-105, *Air Force Blood Program*, Civil Air Patrol provides personnel, facilities, ground vehicles, mobile communications, and aircraft/aircrews to support the Department of Defense's Armed Services Blood Program (ASBP), through the Air Force Blood Program Office, in wartime and in peacetime - Defense Support to Civil Authorities operations. Mission approval and Operational Control is by the Commander, 1<sup>st</sup> Air Force; and Tactical Control, is through the Director of the AFBP when conducted at nation-wide military installations and service academies.



# Operation Pulse Lift

## Joint Base – San Antonio (Lackland) Operations



**Alamo Composite Squadron**

**Lackland Cadet Squadron**

**Kerrville Composite Squadron**

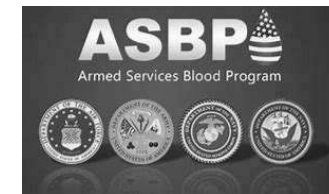


**21 Drive Days  
2,763 Units**





# *Operation Pulse Lift* Support to ASBP



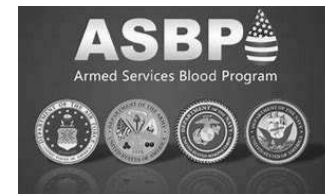
## PulseEx 2021-01

- *PulseEX 2021-1* was an Air Force - *Total Force* demonstration of *Operation Pulse Lift* (OPL) support to Air Force Blood Program (AFBP) field operations at Dyess Air Force Base, Texas.
- The Texas Wing (TXWG) of CAP provided Blood Support Team (BST) augmentation and both aviation (primary) and ground support for transport of blood products from an Air Force Mobile Blood Collection Site at Dyess AFB to the AFBP Blood Donor Center (BDC) at Joint Base San Antonio (Lackland).
- Funding for CAP portion of demonstration came out of CAP Baseline.





# Operation Pulse Lift Support to ASBP

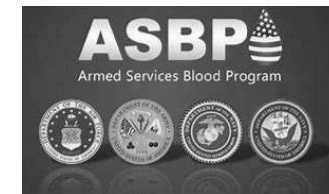


## PulseEx 2021-01 21-22 April 2021





## *Operation Pulse Lift* Support to ASBP

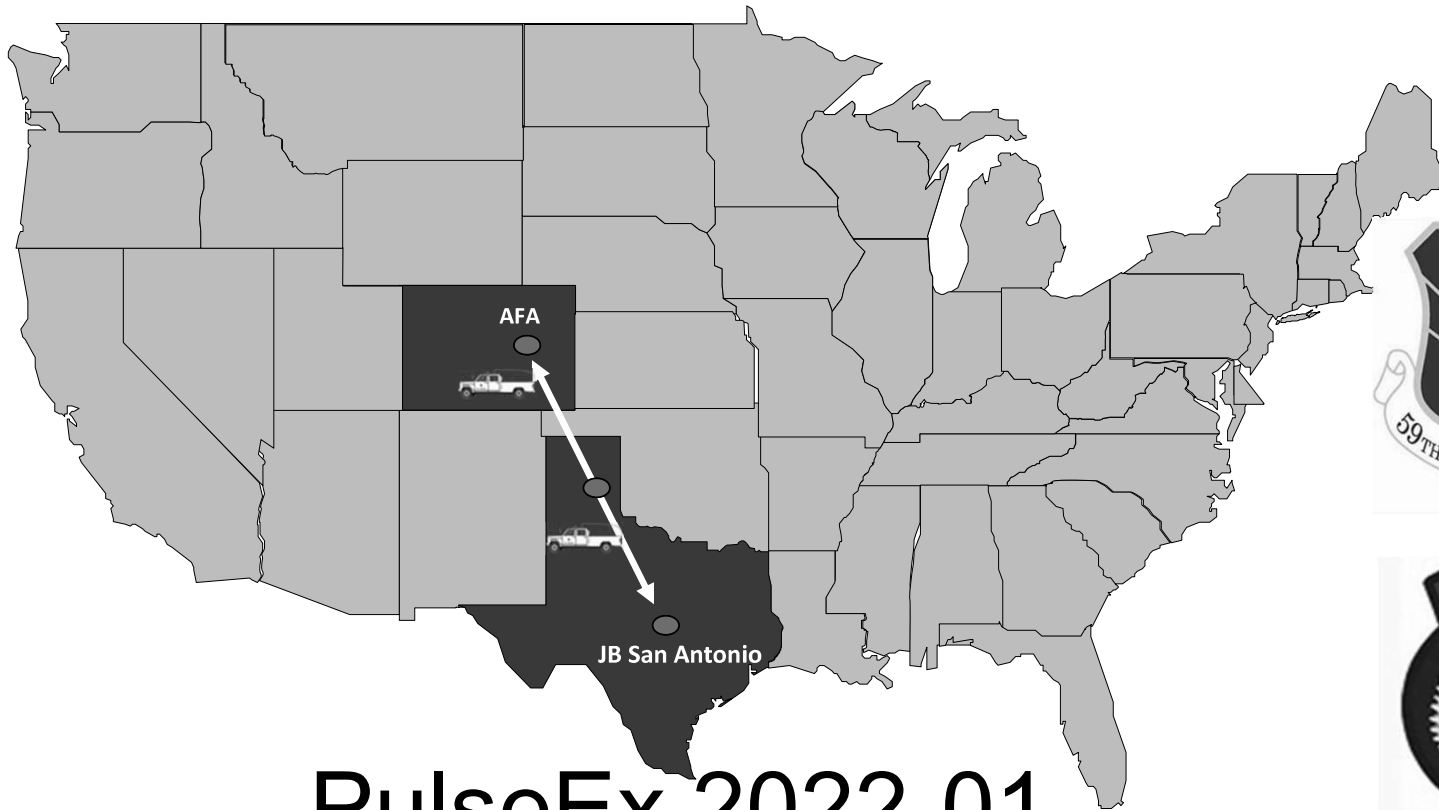
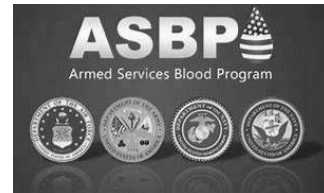


# PulseEx 2022-01

- *PulseEX 2022-1 will be an Air Force - Total Force exercise/demonstration of Operation Pulse Lift (OPL) support to Air Force Blood Program collections from the Air Force Academy in Colorado.*
- The Texas Wing (TXWG) of CAP will provide ground transport of blood products from an Air Force Mobile Blood Collection Site at the Air Force Academy to the AFBPO Blood Donor Center (BDC) at Joint Base San Antonio (Lackland).
- The Colorado Wing will provide Blood Support Team augmentation for two-days at the Air Force Academy BDC
- The mission will be funded by the U.S. Air Force as a Headquarters 1<sup>st</sup> Air Force mission.



# Operation Pulse Lift Support to ASBP



## PulseEx 2022-01 20-21 September 2022



# Operation Pulse Lift What Else Have We Supported?

Hundreds of Blood Transports

Quad-State Tornado Outbreak  
Dec 2022

Wildfires in CA & OR  
2020 & 2021

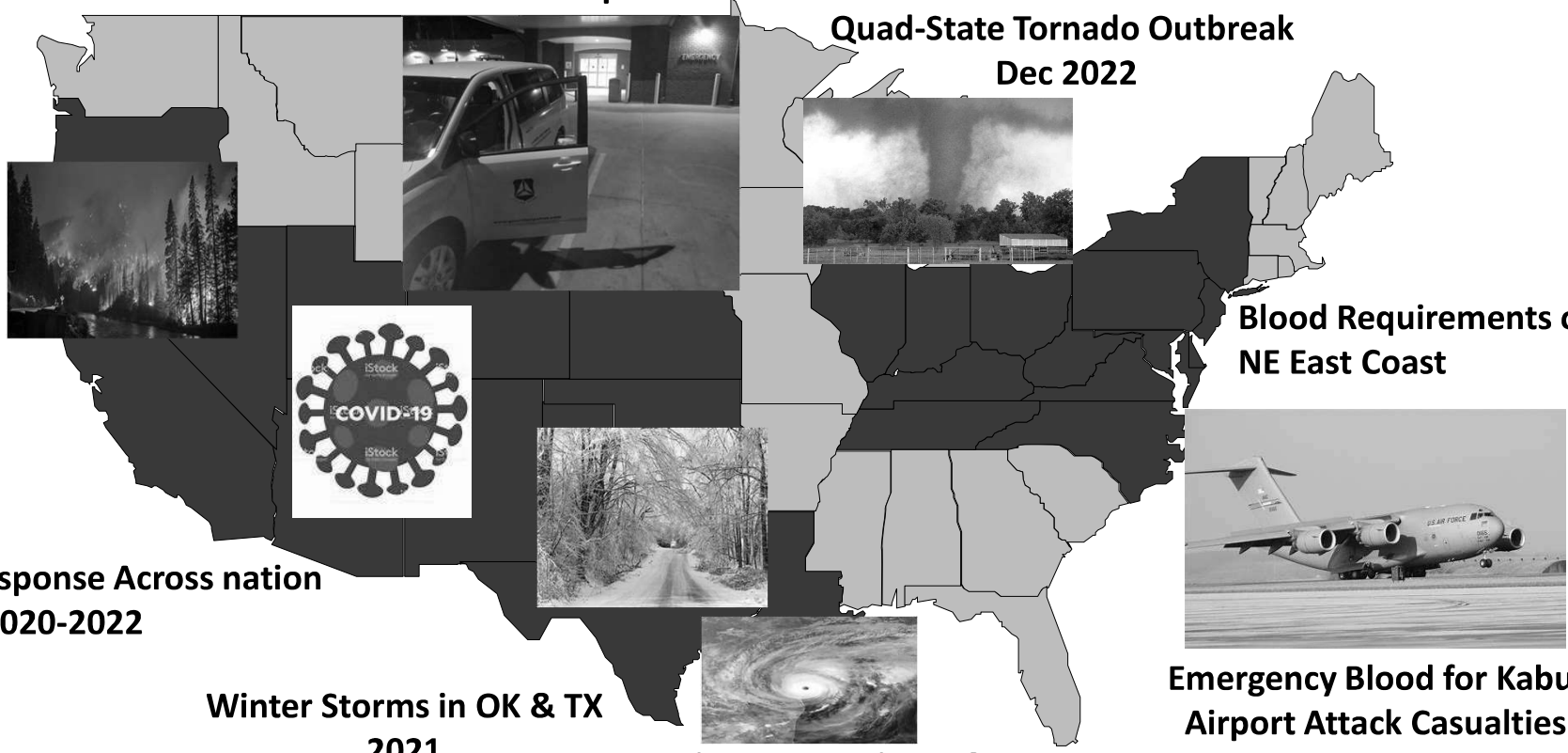
Blood Requirements on  
NE East Coast

COVID-19 Response Across nation  
2020-2022

Winter Storms in OK & TX  
2021

Hurricane Laura in TX & LA  
2020

Emergency Blood for Kabul  
Airport Attack Casualties  
August 2021





# Operation Pulse Lift

## What can you do?

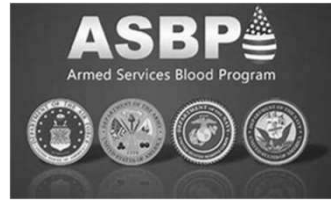


- Donate blood now and shoot for **Power Red** donations! Friends and Families included!
- Report all personal donations to [pulselift@capnhq.gov](mailto:pulselift@capnhq.gov).
- Set up a Blood Donor Center operations. To do so contact [rditch@cap.gov](mailto:rditch@cap.gov) or [pulselift@capnhq.gov](mailto:pulselift@capnhq.gov). You can also call (480) 298-2603 for instructions on how to set up a Blood Donor Center program in your Wing.

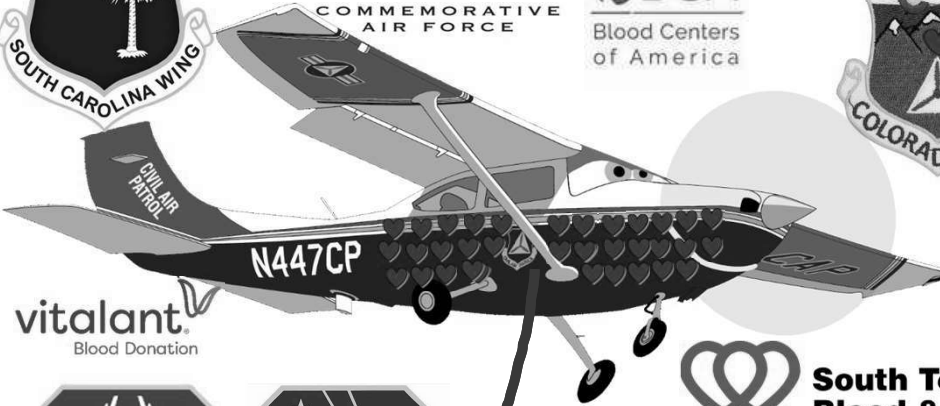


# Operation Pulse Lift

## “One Team – Saving – Many Lives”



LIFESOUTH  
Community Blood Centers



vitalant  
Blood Donation



South Texas  
Blood & Tissue Center



New York  
Blood Center



Gulf Coast Regional  
Blood Center



“And the ♥ beat goes on”



## *Operation Pulse Lift*

**“ Be Part of the Team – Saving – Many Lives”**



Contact [rditch@cap.gov](mailto:rditch@cap.gov) or  
[pulselift@capnhq.gov](mailto:pulselift@capnhq.gov).

You can also call (480) 298-2603

*“ And the ♥ beat goes on”*





*P.S....A Thank You*  
CAP Senior Member Carmel-Ann Ditch



**60 Days of Hospitalization – 18 on ICU  
Four Life-Saving Surgeries  
and 8 Units of Blood**