



Operation Pulse Lift
CAP – COVID-19
Blood Donation &
Transport Response



“Day - 511”

“16,959 Lives Potentially Saved”

Lt Col “*Dr Bob*” Ditch



Agenda



- Mission
- Capabilities
- History
- Outcomes
- Air Force Support
- Recognitions





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 mission is to provide enabling capabilities and force-multiplier resources in support of national blood programs. 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 Office collection/distribution operations in wartime, and during national 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 blood bank of donors (54,000+ members/families)
- ❑ Air & ground transport support to the Armed Services Blood Program (ASBP), the American Red Cross, and other blood collection agencies.
- ❑ BST augmentation at ASBP blood collection sites and transport of blood products. Two locations in Texas have been supported.



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.
- Collection 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.





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 - Outcomes Blood Donations



AZWG Operation Pulse Lift Blood Units Donated

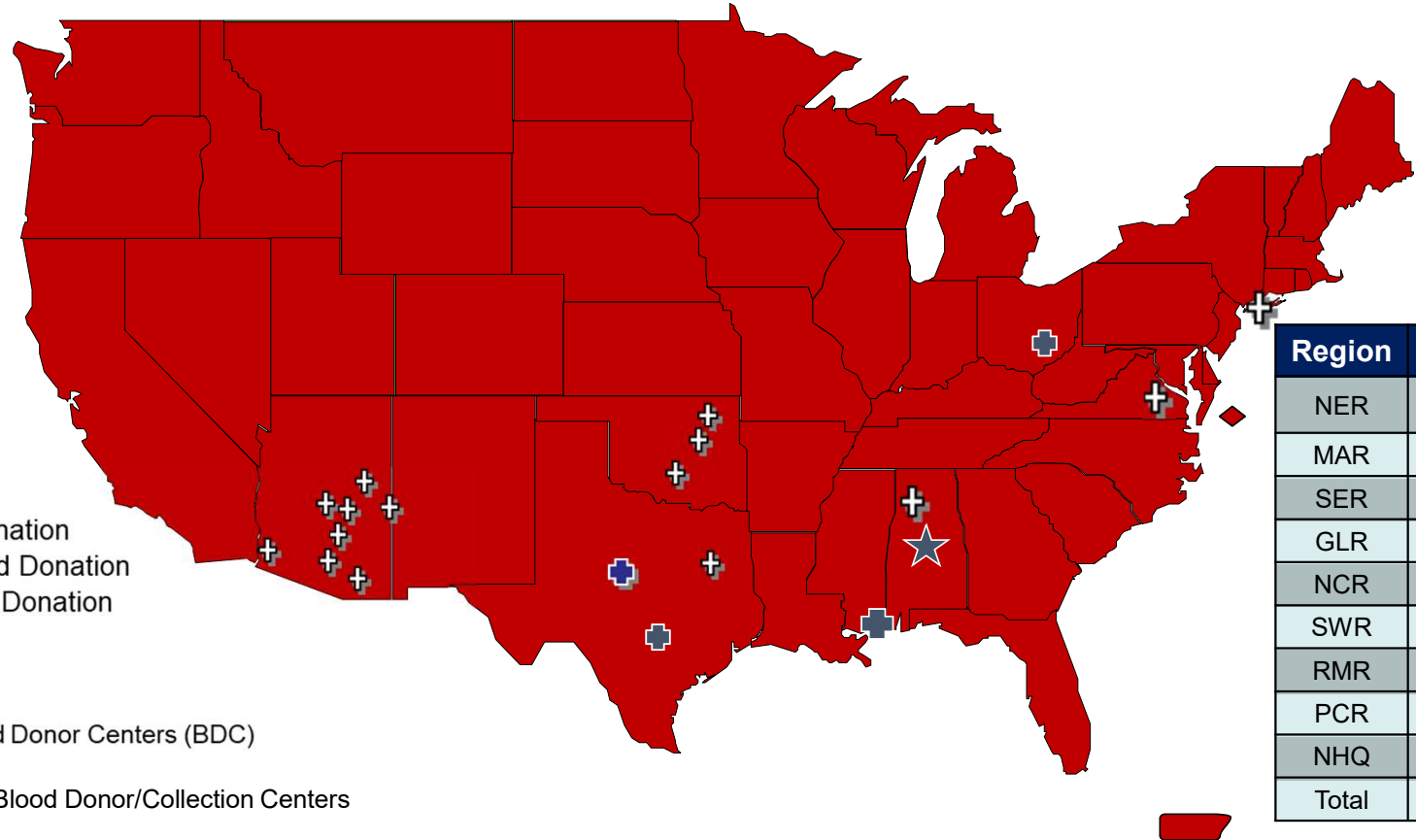
Mission Goal Date: 1 Oct 2021
Goal: 6,000 Units of Blood





Operation Pulse Lift - Outcomes

Individual Donations



- Blood Donation
- Scheduled Donation
- No Blood Donation
- ★ CAP NHQ
- ⊕ CAP Blood Donor Centers (BDC)
- ⊕ Air Force Blood Donor/Collection Centers

Region	Totals
NER	375
MAR	208
SER	114
GLR	417
NCR	122
SWR	270
RMR	87
PCR	217
NHQ	34
Total	1,870





Operation Pulse Lift - Outcomes

COVID-19 Blood Donations



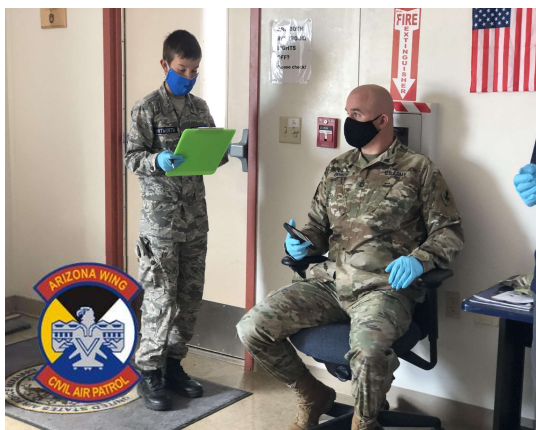
- 16 April – 31 December: **1,530 Blood Units**
- 1 - 31 January: **473**
- 1 - 28 February: **230**
- 1 - 31 March: **776**
- 1 - 30 April: **443**
- 1 – 31 May: **651**
- 1 – 30 June: **419**
- 1 – 31 July: **622**
- 1 – 14 August: **88**

- Total CAP Donor Center Events: **95**
- Total Blood Units Collected: **5,236**
- Wings Participating 52+NHQ





Operation Pulse Lift - Outcomes Blood Donations



<u>Year</u>	<u>Blood Units</u>	<u>Lives Saved</u>	<u>Blood Donor Centers</u>
2017	189	567	1
2018	163	489	2
2019	175	525	1
2020	1,530	4,590	5
2021	3,596	10,798	14
Total	5,653	<u>16,959 Lives Saved (16,158 during COVID)</u>	



Operation Pulse Lift - Outcomes Blood Donor Centers



<u>Wing</u>	<u>Location</u>	<u>Previous Donor Operations</u>	<u>Next Donation Dates</u>
Arizona	Mesa	41	17-18 Aug, 8, 9, and 30 Sep, 1 Oct, 26-27 October, 23-24 Nov, and 28-30 Dec
	Tucson	4	9 Sep
	Sierra Vista	6	16 Sep, and 21 Nov
	Glendale	27	1 and 2 Oct
	Show Low	9	6-7 Oct
	Eloy	4	29 Oct
	Yuma	2	TBD
	Scottsdale	1	TBD
Alabama	Birmingham	1	TBD
Texas	JB San Antonio (Lackland)	4	28 Aug, 16 and 30 Sept
	San Antonio	0	6 Nov
	Dyess AFB	1	TBD
	Nacogdoches	1	TBD
New York	Farmingdale (Long Island)	1	TBD
Oklahoma	Broken Arrow	0	19 Jul
	Jenks	1	TBD
	Tulsa	1	TBD
	Oklahoma City	1	TBD
Virginia	Richmond	1	TBD





Operation Pulse Lift - Outcomes Blood Transports



- ❑ Total Blood Transport Sorties in FY21: **251**
- ❑ Kansas Wing Ground Transport Sorties: **234**
- 4 Emergency Lifesaving Sorties
- ❑ Arizona Wing Air Transport Sorties: **14**
- ❑ Texas Wing Air/Ground Transport Sorties: **1/2**





Operation Pulse Lift

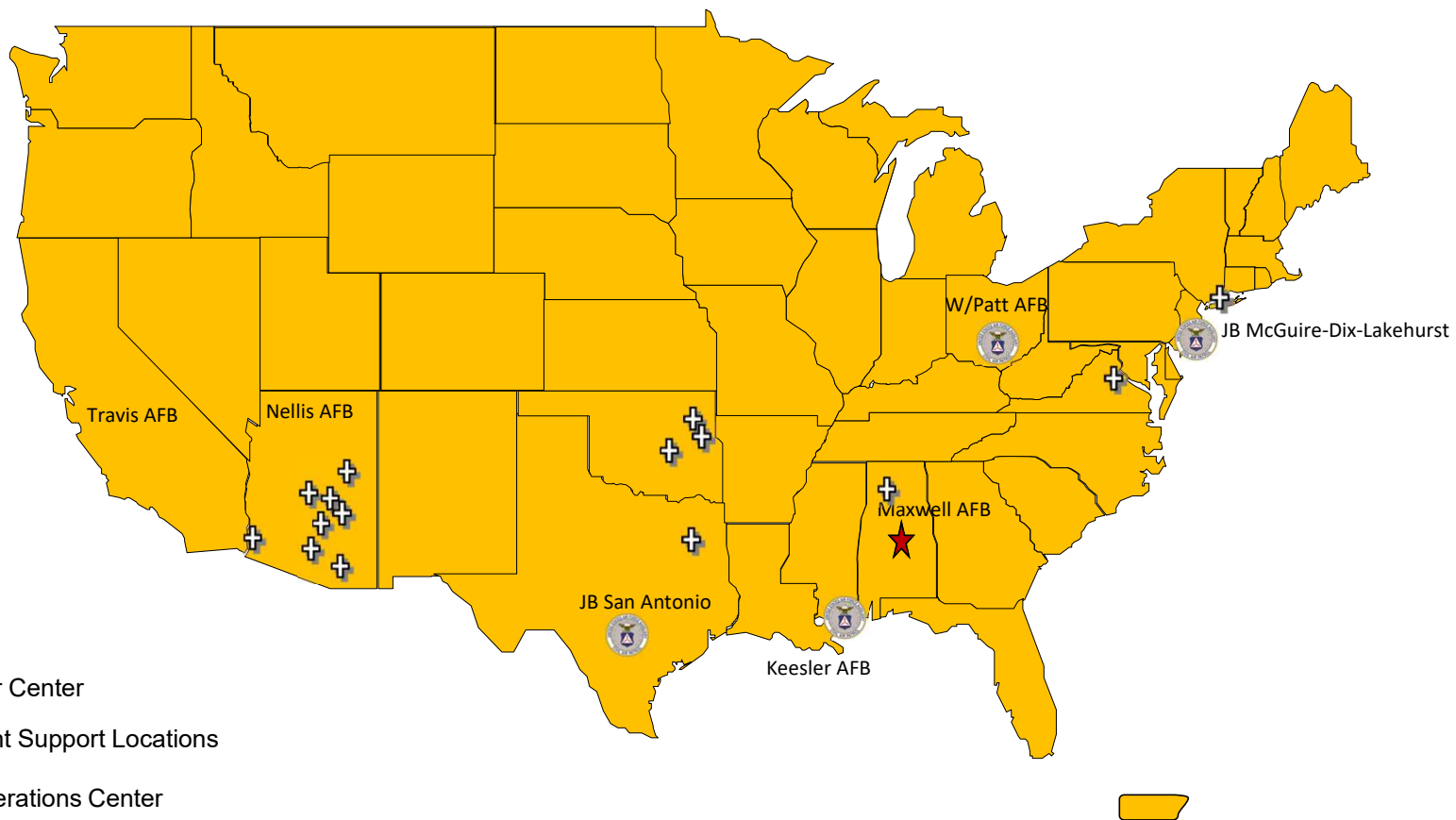
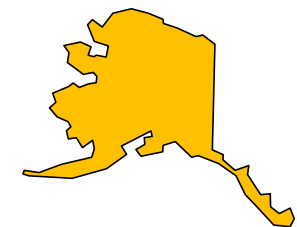
Support to Armed Services Blood Program



Under the guidance of AFI 44-105, *Air Force Blood Program*, Civil Air Patrol provides personnel, facilities, ground vehicles, mobile communications, and aircraft/aircrews to support the Armed Services Blood Program (ASBP) and FEMA's National Blood Program, through the Air Force Blood Program Office (ASBPO), in wartime and in peacetime - Defense Support to Civil Authorities (DSCA) operations. Mission approval and Operational Control is by the Commander, 1st Air Force; and Tactical Control, when conducting ASBP blood support missions, is through the Director of the AFBPO. Operations are conducted in CONUS, OCONUS, and potentially at some overseas Air Bases/Air Force Bases.



Operation Pulse Lift Support to ASBP





Operation Pulse Lift Support to ASBP



PulseEx 2021-01

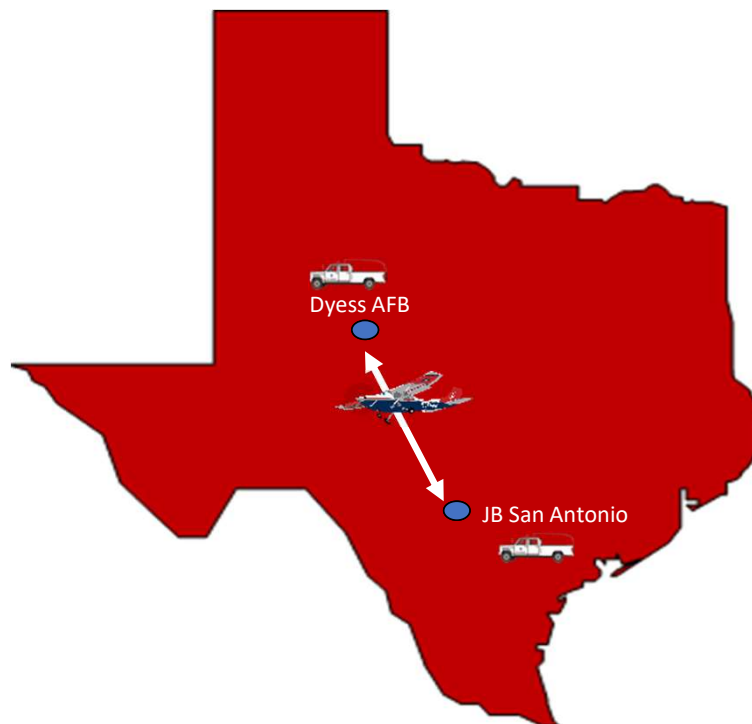
- *PulseEX 2021-1* was an Air Force - *Total Force* exercise/demonstration of *Operation Pulse Lift* (OPL) support to AFBPO field operations at Dyess Air Force Base, Texas.
- Texas Wing (TXWG) of CAP provided augmentation and both aviation (primary) and ground support for transport of blood products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



Operation Pulse Lift Support to ASBP



PulseEx 2021-01





Operation Pulse Lift

What Else Have We Supported?



Wildfires in CA & OR



COVID-19 Response in SWR



Winter Storms in OK & TX



Blood Requirements on NE East Coast

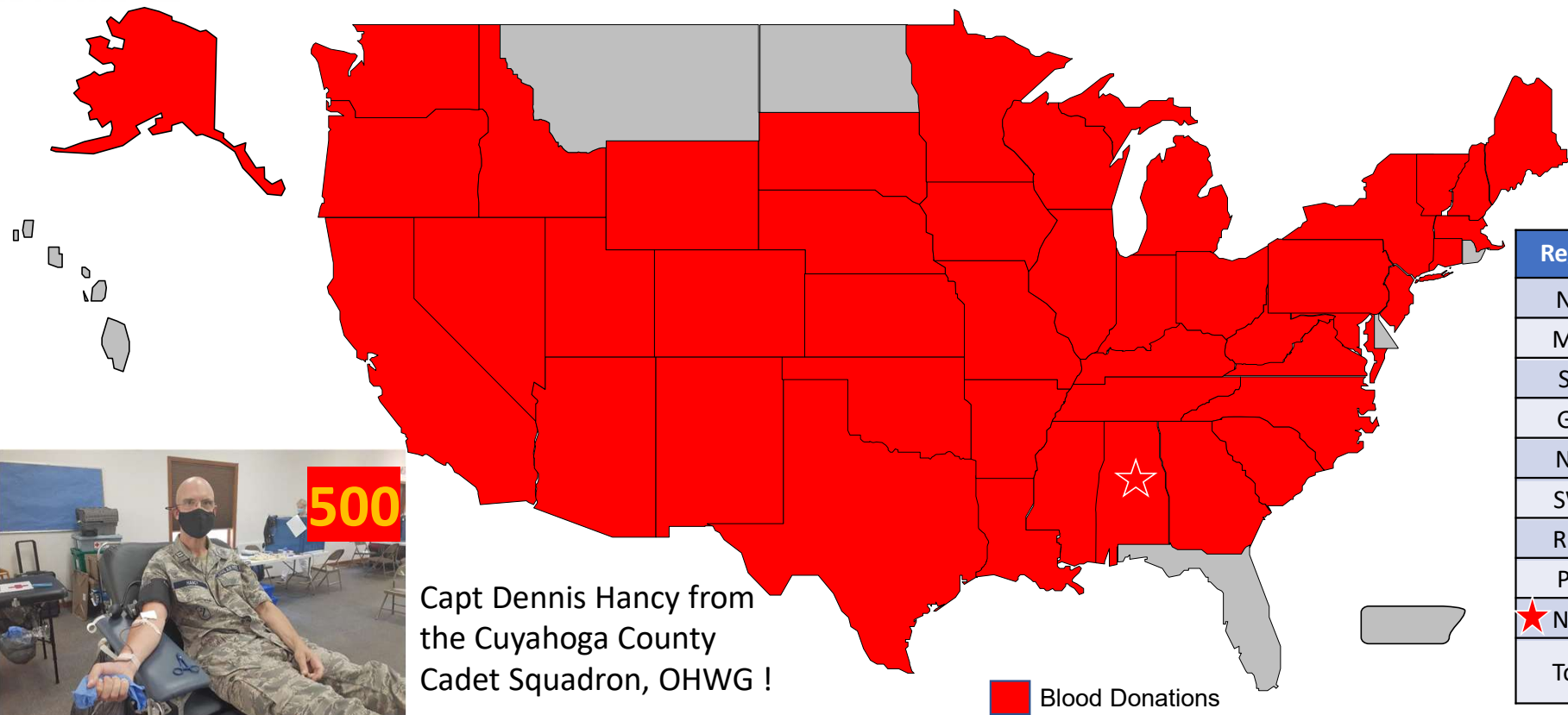


Hurricane Laura in TX & LA





Wings Participating in the “100 Days of Giving” Blood Donor Campaign



Region	Totals
NER	54
MAR	65
SER	32
GLR	82
NCR	39
SWR	132
RMR	8
PCR	71
★ NHQ	24
Total	504

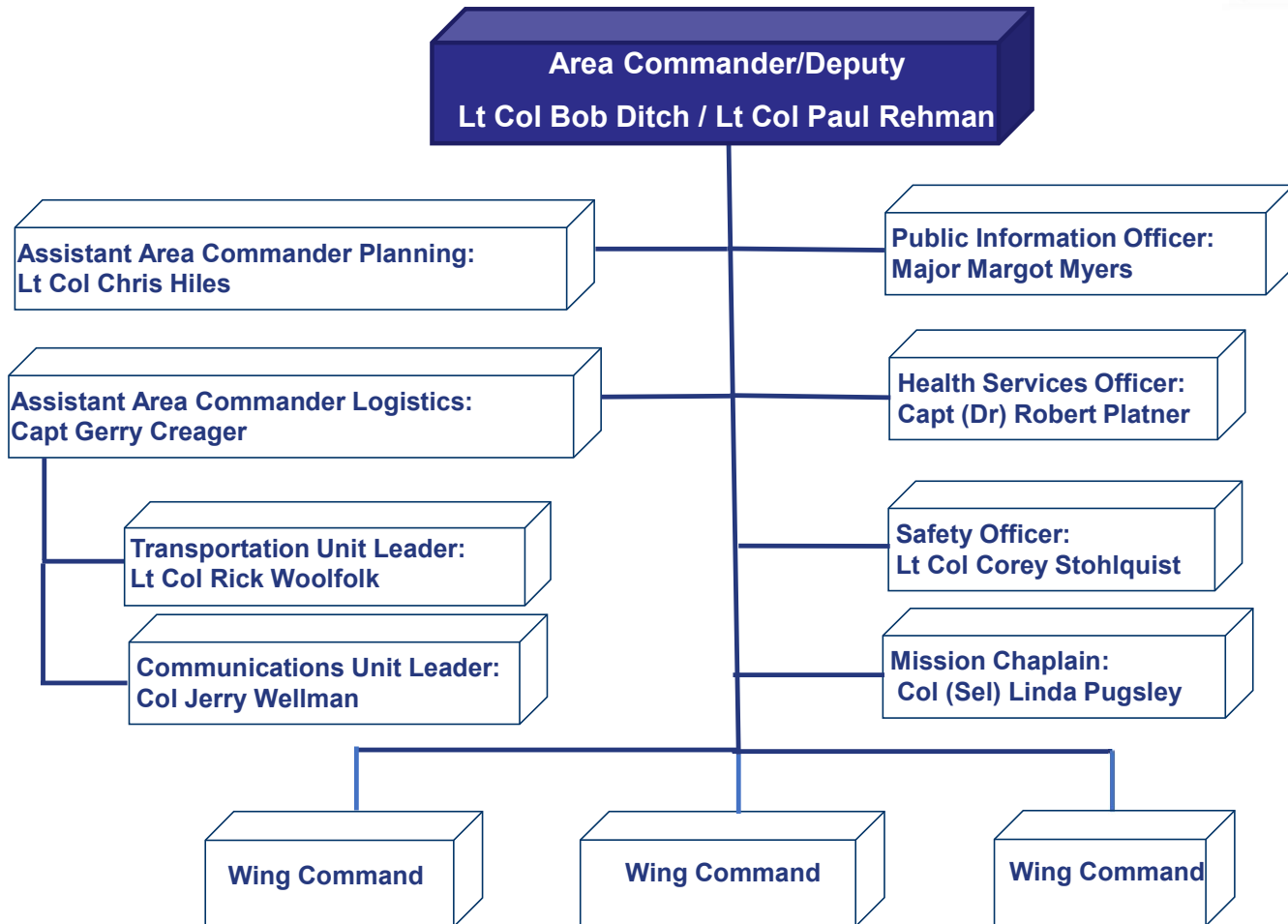


Capt Dennis Hancy from the Cuyahoga County Cadet Squadron, OHWG !



FY2022 - Operation Pulse Lift

Area Command – Incident Management Team





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.
- To set up Blood Donor Center operations, contact rditch@cap.gov or 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”



“And the ❤️ beat goes on”





Operation Pulse Lift

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



Contact rditch@cap.gov or
pulselift@capnhq.gov.

You can also call (480) 298-2603

“ And the ♥ beat goes on”