## The Hangar Town News

The official newsletter of Valiant Effort LLC and the restoration of Vultee BT-13A 41-21218

January 2024



### Welcome to our new Newsletter !!!!

We hope all of you out there had a very Merry Christmas, and a wonderful New Year! Those of us working on "Annie", our beloved BT-13, took some time off to be with friends and family, and with winter here, it's kind of nice to be inside where it's warm.

Over the last few years, there's been a lot of interest in the aviation community on the return of Annie to the sky's after an incident where she sustained some minor damage. As a group, we decided to start to inform all airplane enthusiasts on the return of a historic warbird to the sky where she belongs, and so, the beginning of The Hangar Town News.

Before we get to the updates on her restoration, how about a little history of 41-21218......

First of all, where did the name "Annie" come from? Several years ago, while undergoing a major inspection, a name was discovered in a very inaccessible place in the wing section. Written on a spar panel was the name "Annie", and since it's difficult to get to that area, it was assumed to be one of the workers that built her at the Vultee plant in Downey California. Vultee was the 1st military company to employ women on the production line with equal pay for equivalent work, so it seems, we have an airplane that a true "Rosie the Riveter" helped build! Hence, we just call her "Annie!!





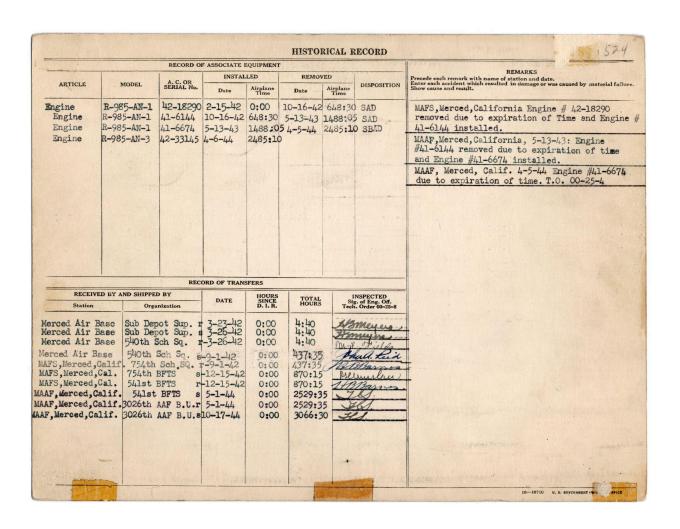


BT-13A, # 41-21218 was built in late 1941, and purchased by the Army Air Corps on 3-14-42 and assigned to the 540th Flight Training School, Squadron E-524 at Merced Army Airfield. Over the war years, she moved to the 541st BFTS, 734th Sch. Sq., and 3026th AAF B.U.R. until being declared surplus in 1945. She was sold in November of 1946, but, more on her civilian life later!

age No1_	055	Aircraft modelBT-13A A. C. No1	1-2	212	18		Date of	purcha	se	5-14-42
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7-10-10	03-25A-8	Reworking Knuckle Axle-Tail Wheel-Rescinded, 6-1-43-					E 15 112	un Olso	M. 8.2	540th Sch
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1-14-42	01-50BB-12	Reworking Cockpit Heat Assembly-	OLE			1	9-16-42	Bec	MO	754th Sch.
5-20-42	01-50B-31	Reinforcement of Instrument Flying Hood				4	9-16-42	Bee.		754th Sch.
5-11-42	01-508-32	Addition ofPlates Anti-rag Ring Abrasion-	150	-		ale .	9-16-42	Boo	non	754th Sch.
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-13-42 7-27-42	01-50BB-18 01-50BB-22	Removal of Elevator Control Quadrant Clip	-	*			7-24-42			540th Sch.
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3-42	01-50B-38	Installation of resistor relay in landing lamp	-	-	11	- 11				
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		Replacement of Safety Wire in Control Systems, Repl.	195	11	42	2	8-19-42	WDW	ne	540th Tr. 754th Sch.
3-9-42	01-50BB-23	Replacement of Cockpit Heater Expansion Joint Tube				*	9/14/42	aco.	14313	754th Sch.
-5-42	01-50B-40	Reduction in tension, Stick interconnecting Cables-		×		4	9-8-42	000	una	75/44 0-1
-25-42	01-50BB-21	Replacement of fuel gage pointers		*			THE RESERVE OF THE PARTY OF THE			754th Sch
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#### TECHNICAL INSTRUCTION COMPLIANCE RECORD Page No. 2 OF 5 Aircraft model Bt-13A A. C. No. 41-21218 Date of purchase 3-14-42 Squadron No. E-524 TECHNICAL INSTRUCTION LOCALLY INSPECTED Soor DATE DATE NUMBER Possible Pract'ble TITLE Engine 9-11-42 01-50B-35 Replacement of Safety Wire in Control System. Next 100 hr. Med Was 540th Sch.Sq 28-19-12 8-11-4 01-50BB-20 Replacement of Clevis Bolt, Engine Control Unit..... \* 11-23-42 RAD SAB. 754th BFTS 01-50B-35 Replacement of Safety Wire in Control System, Installation and Identification of Aromatic Resistant Aircraft Hose. Installation of Resistor Relay in Landing Lamp 199 400 754th Sch. Sq. 9-22-42 01-50B-38 Circuit and Landing Lamp Switches....\* Inspection of all Electrical Junction Boxes. Repl. 5-87 72nd Sub-Depot 754th BFTS 754th BFTS 10-13-42 01-1-68 10-9-42 Removal of Check Valve....\* 01-50B-15 11-9-42 Replacement of Safety Wire in Control System......Next 100 hr 04-1-13 12-5-42 WW 77 754th BFTS 12-16-422 REW MAS 541st BFTS 11-30-42 01-50B-35 12-26-42 05-40-17 Thermometer - Extending Operating Range Marking Cylinder Temperature Indicator Reseinded 2-15-14-\* PH. MARS 541st BFTS 541st BFTS 12-27-42 1-27-43 01-1-117 Installation of Aeronautical First Aid KitRepl. 6.3. West 100 hr Identification, Installation and Handling of Fuel, and Oil and Colant Hose.....Replaced 8-13-43-... 4-9-43 1-5-43 04-5-12 541st BFTS 541st BFTS 1-28-43 1-8-13 04-1-13 Use of Self-Lecking Nuts .. Replaced .8-24-43-.... 1-28-43 4-3-42 04-5-6 Rewerking of Hydraulic Hose Assemblics..... Rescinded 6-1-443 1-28-43 BH ANS 541st BFTS Reinforcement of Housing, Emergency Hatch Release 01-50RB-25 Mechanism CHA. MAS 541st BFTS 3-19-43 03-5-6 Identification of Inverter Leads 4-3-43 143 KB WW 541st BFTS 5-13-43 KB W.C. 541st BF 25 3-16-43 01-50B-144 Revision of Rudder Cable Installation System - Re 3-20-43 01-50BB-25 Reinforcement of Housing, Emergency Hatch Release see w echanism Next 100 hr 4-6-43 3-31-43 -03-1-20 Modification of Hose Fittings and Installation of 541st BFTs Hose Clamps - Oil and Fuel System mawww 4-13-43 4-21-43 01-50B-25 541st BFTS Replacement of Antidrag Ring Cowling Support Brackets \* 7-16-43 WC 4-29-43 01-1-29 Installation of Brain Cock, Oil Tank Sump 541st BFTS KB W.C. 541st BFTS

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Hundreds of flight students went through training at Merced AAF, and by doing some research on Fold3 and Fields of Honor Database, we think we have found some of the cadets that MIGHT have flown Annie while stationed at Merced. This includes 157 WASP's that were attached to the 35th Flying Training Wing (3026th AAF Base Unit) in January 1943. Our goal is to preserve this BT-13 as a memory of all those that learned to fly, and went into harm's way to defend our country. Even though she didn't see combat, she's a true Warbird!



Fields of Honor - Database · Join

Daniel Bon · 6d · 😚

1Lt Thomas E EATON was born in 1923 - was killed in action on jan 5th, 1944 flying as pilot aboard B-17 42-31093 "Deacon's Sinners" from 379th BG 525th BS (buried at Ardennes American Cemetery, Neuville en Condroz, Belgium) pic from Merced Army Flying School - Yearbook (Merced, CA) - Class 43D (from fold3 website)

## **EATON, Thomas E**

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Click here to return to the overview. Do you have more information about and/or photos of this soldier, please contact us then by sending ar email to info@fieldsofhonor-database.com.

EATON, Thomas E	
Servicenumber:	0-741892
Age:	Not available
Born:	1924, Illinois
Hometown:	Lawrence County, Illinois
Family:	Flaurice E. Eaton (father) Helen Eaton (mother) Betty Eaton (sister) George Eaton (brother)
Rank:	First Lieutenant
Function:	Pilot
Regiment:	
Battalion:	
Division – Transport:	8th Air Force
Company - Squadron:	525th Bomber Squadron
Unit - Group:	379th Bomber Group, Heavy
Plane data: (Serialnumber, MACR, etc.)	Serialnumber: 42-31093 Nickname: Deacon's Sinners Type: B-17G Destination: Kiel, Germany Mission: Operational MACR: 1944
Date of death:	5 January 1944
Status:	KIA
Place of death:	Daegeling, County Steinburg, Germany
Spot:	Not available
Awards:	Air Medal with Oak Leaf Cluster
Gravenumber:	Plot D, Row 4, Grave 46
Cemetery:	American War Cemetery Ardennes
Biography:	
Other information:	On January 5, 1944, the 379th was dispatched to hit the port facilities at Kiel, Germany. A/C 42-31093, Deacon 's Sinners was rammed by an ME-109 after the bomb run, and the airplane blew up and disintegrated.  Thomas was found dead and initially buried on 7 January 1944 at the cemetery Muensterdor, Row 2, Grave 4/7.  8 Of the crewmembers were killed in action, 2 were taken prisoner of war.  1st Lt Thomas E. Eaton first buried at Temporary American Military Cemetery Ardennes, Belgium Block O, Row 5, Grave 104.

**Source of information:** Astrid van Erp, Terry Hirsch, <u>www.wwiimemorial.com</u>, <u>www.fold3.com</u>, <u>www.ancestry.com</u> - U.S., Headstone and Interment Records for U.S. Military Cemeteries on Foreign Soil

Photo source: Peter Schouteten, www.findagrave.com - Alan Tomasi

#### Contact

This website is a project by the Dutch non-profit *Fields of Honor Foundation*. It is the foundation's mission to give a face to the names of the U.S. WWII soldiers buried in Belgium, France, Luxembourg, and the Netherlands.

### Email

in fo@fields of honor-database.com

#### Support

If you would like to support our work, please consider making a donation.







Isaac F Helms

World War II



FACTS STORIES GALLERY SOURCES

**STORIES** 

2nd Lt Isaac F Helms, 372nd Fighter Squadron, 360th Fighter Group

# 2nd Lt Isaac F Helms, 372nd Fighter Squadron, 360th Fighter Group

Isaac Franklin "Frank" Helms was born on July 1, 1920 in Butler County, Alabama to Nolan Helms and Bettie Ellen (Davis) Helms. Nolan and Bettie were both natives of Butler County and married there on April 29, 1917. Nolan initially farmed in Butler County, but by 1930, the family had moved to rural Montgomery County, where Nolan operated a dairy farm. By 1940, Nolan and Bettie had moved into the City of Montgomery, where Nolan worked as a retail milk dealer and Bettie worked as a public school teacher. The couple had nine children, four boys and five girls.

Frank Helms is shown in the 1940 census, at the age of 19, living with his family on Pine Street in Montgomery, Alabama and attending school. He had graduated from Montgomery County High School and was enrolled in the School of Engineering at Alabama Polytechnic Institute (now Auburn University.) On July 1, 1941 he registered for the draft in Montgomery, Alabama. He gave his father as his next of kin and Collins Baking Company

1/2/24, 9:27 PM Isaac F Helms - Fold3

in Montgomery as his employer. According to his draft registration card and the 1942 Montgomery City Directory, he worked as a salesman for the baking company.

On January 17, 1943 Frank voluntarily enlisted in the U.S. Army Air Corps in Atlanta, Georgia. His enlistment record indicates that he had completed two years of college and had worked as a salesman or sales agent. On October 10, 1943 a brief news article in the local newspaper stated that Aviation Cadet Helms had completed his basic flight training at Merced Army Air Field in California and had been transferred to Williams Field in Candler, Arizona for advanced instruction. Upon completion of that training, he would receive his wings and his commission as a Second Lieutenant.

Second Lieutenant Isaac F. Helms was then stationed at Santa Maria Army Airfield in California, training with the 372nd Fighter Squadron, 360th Fighter Group. The 360th Fighter Group used P-38's to train replacement crews for combat. On February 13, 1944, Lt. Helms was killed instantly when his P-38 crashed about one and one-half miles from Oceano, California. His plane was one of a formation on a routine training flight from Santa Maria Airfield. According to witnesses, his plane left the formation, went into a steep glide and crashed into the ground, followed by a loud explosion.

Lt. Helms remains were returned home, and he was buried at the Oakwood Cemetery Annex in Montgomery, Alabama. He was survived by his parents, three brothers, Lt. Nolan Helms of the U.S. Army Medical Administration, and Joe Ed and John Alvin Helms, and five sisters, Emma Russell, Betty Lane, Alice Claire Gillespie, and Misses Willie and Janie Marie Helms.

Thank you, Lieutenant Helms, for your service and your sacrifice. You will not be forgotten.

This story is part of the Stories Behind the Stars project (see <a href="https://www.storiesbehindthestars.org">www.storiesbehindthestars.org</a>). This is a national effort of volunteers to write the stories of all 400,000+ of the US WWII fallen here on Fold3. Can you help write these stories? Related to this, there will be a smart phone app that will allow people to visit any war memorial or cemetery, scan the fallen's name and read his/her story. SBTSProject/Alabama/Montgomery.

If you noticed anything erroneous in this profile or have additional information to contribute to it, please contact me at dbsmail1315@charter.net.

#### Sources:

- 1930 United States Federal Census
- 1940 United States Federal Census
- U.S. School Yearbooks, 1900-1990
- U.S. World War II Draft Cards Young Men, 1940-1947
- U.S. World War II Army Enlistment Records, 1938-1946
- California, Death Index, 1940-1997
- U.S. Headstone Applications for Military Veterans, 1861-1985

https://www.fold3.com/memorial/638748582/isaac-f-helms/stories



Fred D Olson

World War II



FACTS

STORIES

GALLERY

SOURCES

**STORIES** 

USAAF Class Book Project ABMC American Cemeteries

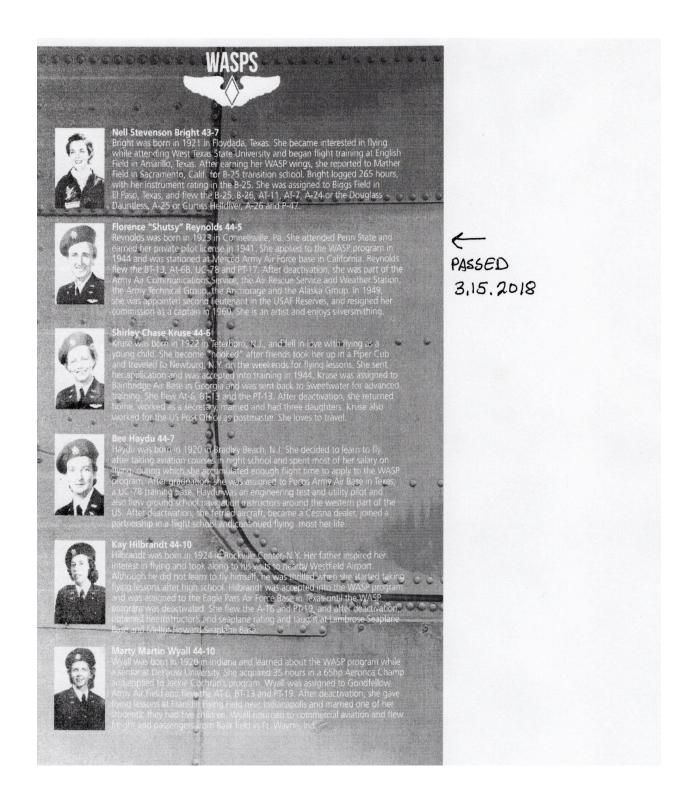
# USAAF Class Book Project ABMC American Cemeteries

352 FG / 328 FS 1LT OLSON, FRED D. From Duluth, Minnesota.

MIA 10-10-1943 as pilot of P-47D / #42-8635 / MACR 0851. Damaged by a Me-109 over The Netherlands while on a bomber escort sortie. Baled out north-east of Lowestoft. Despite an RAF Air Sea Rescue search Lt Olson was lost at sea. He is commemorated on the Cambridge Cemetery Walls of the Missing.

Source of the photograph: Pilot Class Book 42-J, Merced Army Air Field, California. Courtesy of my Fields of Honor Database colleague Ria who indexed this class book.

P-47D-5-RE 42-8635 was assigned to 352FG/328FS at Bodney, UK. On 10-Oct-43 the aircraft, piloted by 1LT Fred D. Olsen, was despatched with 215 other P-47s to provide escort for B-17 bomber formations attacking at Munster, Germany. On return the aircraft sustained damage from German fighters over Holland, but 1LT Olson stayed with the aircraft until 20 miles short of the English coast where he was forced to abandon the aircraft over the English Channel. No trace of the aircraft of 1LT Olsen was ever found. 1KIA MACR851.



We are the caretakers of history, and we'll never forget those that flew these very sky's to protect our freedom. For sure, The Greatest Generation!

### Who we are....!

Here are the members of The Valiant Effort Foundation that are restoring "Annie" to flight status, hopefully in 2024. We are based at Livermore Airport (LVK) in the San Francisco Bay Area, and we want to thank all that have supported us in this immense project!

**Administration:** 

Martin Michaud, Taurus Fey, Keith Zimbauer, Alex Esguerra

Flight Team:

Martin Michaud, Taurus Fey, Bob Goodwyn, Alex Esguerra, Edgar Xiong

**Ground Crew:** 

Greg Ely, Charlie Bellinie, Taurus Fey, Keith Zimbauer, Bob Goodwyn

**Support Team:** 

Jerod Flohr - pilot, Tom Nightingale - pilot, Tim Neuharth - pilot, Nick Veronico - writer & book author, Jeff Whitney - mechanic, Mike Flagella - owner Mike's Aero Classics, and all of our hangar neighbors at LVK

You can also find us @ Valiant Effort on Google and Facebook, or contact us at:

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Or

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