



TARKIO COLLEGE ALUMNI ASSOCIATION
PO. BOX 111
TARKIO, MO 64491



August 2025

Tarkio College Alumni Association
PO Box 111, Tarkio, MO 64491
tcaa@tarkio.net
Www.tarkioalumni.org



MESSAGE FROM OUR PRESIDENT

F. Joe Farley, TC '81

Wow. To use an old cliché, it's hard to believe another year has passed. We are nearing time for our annual Tarkio College Homecoming event in September. I do encourage all TCAA mem-bers to try to attend and get those dues paid!

Your alumni board has been very active this past year.

Aside from the usual planning, recruitment and promotional activities we have been hard at work improving our museum. We recently purchased a web service where we can archive photos and doc-uments from our museum and scan or record them so that mu-seum visitors can access much memorabilia via the internet. Documents and photos will be stored in the "cloud" and be pre-served in a "cyber" fashion.

We have welcomed back Robert Hughes, TC '71 to our board. Also, we recently welcomed Cheri Stanley Leitch, TC '67 to the board. She will be formally seated at the annual board meeting in September as well as the others. We regret that Muriel Sugar-Tosh, TC '71 has retired from the board, but will continue to serve on board committees as needed. In addition I regret the resignation of Mike Butt '86 and Gloria Gibler '87 from the board.

Within this newsletter you will see a brief message about the JoAnn Runyan bequest. Your alumni association received a sub-stantial bequest from Ms. Runyan, a TC alum in the summer of 2024. Her wish was that the TCAA administer these funds for the benefit of furthering education. The board has been hard at working on the best way to do this with sound legal advice. Sev-eral options are being considered at this time. We hope to get our decision made soon so funds can be provided to Tarkio College d/b/a Tarkio Technical Institute in accordance with the intent of Ms. Runyan's will. My wish, as your president, is that we continue to improve relations with the new institution and that we can find common ground to work together. I also hope we can continue to recruit new alumni to the Tarkio College Alumni Association. With time, we lose members and potential members.

I also want to briefly recognize all the TC alumni who have passed in the recent year. I hope their lives were as touched by the experience at Tarkio College as mine was. I'm a proud owl and my liberal arts education has served me well over the years.

Thank you for your membership, and GO TC!

Our current Board of

Directors:

President-F. Joe Farley

Vice-President-Jana Cox

Secretary-Pat Kellenbarger

Treasurer-Mary McAdams

Asst. Treas.-Jack Hunsucker

H. T. Adams

Roger Claypool

Randy Crudup

Robert Hughes

Gretchen Ingram

Cosetta McQueen

Marla Tollett-Ross

Myrna Vardeman

Linda Brunk Smith

Chari Stanley Leitch

TARKIO TECH PRESIDENT'S REPORT

TARKIO TECH—THE FIRST FIVE YEARS:

In January 2025, Tarkio College d/b/a Tarkio Tech celebrated its first five years of operation as a career and technical post-secondary school. After starting with just one program and with just one student that year, we are approaching the fall 2025 semester with over 100 applications for nine programs. These applications are from over 60 communities and 5 states.

In addition to a new culinary arts program, Tarkio Tech offers Structural Welding, Pipe Welding, HVAC Installation, Plumbing, Wind Energy, Computer Information Technology, Health Occupations & Certified Nurse Assistant, and the Halas business program. There are also plans to offer a Precision Agriculture program beginning in November. We have also expanded our continuing education offers to provide a wide variety of options for our local residents.

During our first five years, we have graduated



163 students in 8 career programs with a 97% placement rate, of which 74% have been placed in their field of training.

These graduates are earning from \$37,440 to over \$100,000 a year.

Our most significant campus improvement this year has been the addition of our first student residence hall. Jenison Hall is now a 17 bed facility with single, double and triple occupancy rooms. It has a full kitchen with an adjoining student lounge. There are 4 full bathrooms (2 ADA compliant) and 1 half bath along with student laundry facilities. The building has both hard-wired internet access and WIFI. The building also contains a suite that is used to host our special guests.

We continue to work on completion of the window project in Rankin Hall and the final roof repairs with the installation of the two new flat roofs. Future plans include a massive remodel of Slusher Cafeteria, Eppley Lounge and the student center.

LOCAL AREA ACCOMMODATIONS

TARKIO, MO

Big T Motel (660) 735-4174

ROCK PORT, MO

Super 8 (660) 744-5357

Rock Port Inn—same number as Super 8

FAIRFAX, MO

The Inn on Main St. (660)-253-0218)

MOUND CITY, MO

Audrey's Motel (660)442-3191

Super 8 (660)-442-4000

MARYVILLE, MO

Holiday Inn Express & Suites (660) 562-9949

America's Best Value Inn & Suites (800) 733-5466

Cobblestone Inn & Suites (660) 224-2222

Bearcat Inn & Suites by GreenTree (660)262-3263

HAMBURG, IA

Hamburg Inn and Suites (712) 350-8000

Link to Tarkio area local Airbnb accommodations:

[Tarkio Vacation Rentals & Homes - Missouri, United States | Airbnb](#)



ALUMNI NEWS



- John Lodato '74 is in the country of Georgia enjoying the summer
- The TCAA board of directors want to thank Lou Vircillo '70 for his assistance with the Hall of Fame procedures this year.
- The museum is trying to form a book of service men and women. If you served or know of an alum who did, please send us their name, branch, years of service and rank if you know. Please send to tcaa@tarkio.net Thank you
- Your alumni association hosed a reception recently in Rankin Halll for the services for Coach Davidson's wife, Betty. We received a very nice thank you note from the Davidsons.
- Elaine Stoll '86 is still at the wheels of her bicycle. She was recently pedaling through South Dakota.
- Bob Hull '91 was inducted into the Missouri Sports Hall of Fame in February for his cross country coaching Congratulations Bob!
- Richard Hodge '88 is the stage manager for the Broadway Play "Good Night and Good Luck" starring George Clooney.
- Please continue your prayers for Annette Salazar Martinex'91 as she goes through cancer treatment.
- TCAA was pleased to welcome the Rankin family to our museum on the 200th anniversary of David Rankin's birthday in May.
- Lila Metzgar'66 sent us a nice thank you note to TCAA long with her dues. Lila is a loyal supporter of TCAA.
- Joyce Pogue sent a note along with her dues . She has recently moved to Missouri after living in Illinois for 60 years,



The Huston family stopped by on a visit to Tarkio.

Joe Huston '57

Martha Huston Ostrander and John Huston. The latter two attended TC in the late 70's



Jim McIntosh,'60, long time TC staff member visited the campus recently. Amy Hughes'91 showed him around. Amy deserves a multitude of thanks from the alumni association for all the help and assistance she gives us.



Willie Mier '50 and Mary McAdams '86 had a nice visit in St. Joe. Certainly hope he can make it to Homecoming weekend in September.

JOANN RUNYAN BEQUEST

Tarkio College alumnus JoAnn Runyan passed away in 2022. She left a generous gift from her estate to the Tarkio College Alumni Association; TCAA has received \$160,000 thus far, and the attorney for her estate estimates that as much as \$250,000 more will be distributed to TCAA once property that Ms. Runyan owned is sold. We understand that she had a tenant farming that proper-ty; her will allows the tenant to remain on the land until he retires or dies, at which point the farm property will be sold.

Ms. Runyan's will specified that TCAA should use the bequest "for the preservation of the former Tarkio College (now known as Tarkio Technology Institute) for educational purposes.." The TCAA Board has invested the bequest in a segregated interest-bearing account while it considers the best use of those funds that also aligns with Ms. Runyan's wishes. The TCAA Board has devel-oped a plan for the award of scholarships to Tarkio Tech students, because making attendance at Tarkio Tech affordable will encourage more students to attend and thereby help to advance the "preservation" of Tarkio College. The TCAA Board was prepared to present that plan to the leadership of Tarkio Tech, but we just learned that Tarkio Tech has filed a lawsuit against TCAA over the Runyan bequest.

We have retained legal counsel to advise the TCAA Board about the lawsuit. Our objective is to fulfill Ms.Runyan's wishes while resolving the lawsuit as soon as possible.

Donations and Memorials

MUSEUM/ARCHIVING

Rayma Brown '60
Becky Christy '73
Doug Creighton
William Curry '71
Ross Frahm '59
Cheryl McEwan '69
Lavinia Pattee '57
Mary Ann Saluga '67
Eldon Schmidt '68
Robert Sheridan '67
Robert Slowen '64
Nancy Daugherty '84

UNSPECIFIED DONATIONS

Fred Bridgewater '73	Paul Rizzo '75
Emmet Carty '79	Linda Brunk Smith '65
Nathaniel Gilbert'74	Jim '64 & Carole '65
Taylor	
Bruce Gilbert '75	Marla Tollett-Ross '80
Pat Kellenbarger '58	

SCHOLARSHIP

Margaret Kirby-Taylor	
Chari Leitch '67	Becky Christy '73
James Martin '71	Patty Rolofson '72
Cosie McQueen '79	Deborah Urry '78
Willie Mier '50	
Adele Neidermeyer	
Eugene Parker'66	

MEMORIAL GARDEN BRICKS

Bricks placed in 2024:

- Skip and Carolyn Shear - 1967
- Professor Lou Amaya
- Gwenella Harris Blackshire - 1973
- Rosalee Frazee Bloomfield- 1966
- Roger Claypool- 1976
- Grace Schoenemann Huettnner -1978
- Chari Stanley Leitch - 1967

Bricks placed in 2025:

- Ruth Winkler Farquhar -1953
- Joseph K. Farquhar -1956
- Ellen Farquhar McClure -1981
- Ollie & Reginald Young -1971
- William "Billy D" Donahue -1977
- John Beard -1983
- Dennis Beck -1976
- Kimberly Tchoukaleff -1979
- Laurie Smith -1978
- John Caparoula -1976
- Alan Kovitz -1979
- Velma Rose Vogler Reumann -1954

Memorials

Pearl Elaine Parks Burns '86	by Linda Brunk Smith '65	Ken Thompson '64	by Linda Brunk Smith '65
Penny Oswald Kowal '65	by Linda Brunk Smith '65	Phil Creighton '67	by Linda Brunk Smith '65
Jane Dalbey	by Linda Brunk Smith '65	Iris Teachout Morrison '50	by Linda Brunk Smith '65
Carroll Hayden '63	by Linda Brunk Smith '65	Iris Teachout Morrison '50	by THS Class of 1961
Steve '71 and Nancy '72 Brooks	by Linda Brunk Smith '65	Greg Prather '63	by Linda Brunk Smith '65
Verl Flack '60	by Linda Brunk Smith '65	Kay Balle Pearce '63	by Linda Brunk Smith '65
Manny and Sandy Viola '67	by Linda Brunk Smith '65	Betty Davidson	by Curt Brought
Mary Poynter Martin '45	by Linda Brunk Smith '65	Betty Davidson	by Wayne Davidson family
Frank Gold '63	by Linda Brunk Smith '65	Betty Davidson	by Matt Edstrand
Suzanne Gold '64	by Linda Brunk Smith '65	Betty Davidson	by Mike Hogue
Barbara E. McIntosh'54	by Linda Brunk Smith '65	Betty Davidson	by Virginia Meyerkorth
Mary Case Swenson '58	by Linda Brunk Smith '65		
Gwenella Harris Blackshire'73	by Linda Brunk Smith '65		



Bricks may still be purchased by sending \$125.00 to TCAA, PO Box 111, Tarkio, MO 64491—paid via PayPal or credit card on our web-site www.tarkioalumni.org, and also paid through Venmo @TCAA_1883.

Although there is still room in our original memory garden we are also expanding the bricks to near the sundial and by Linda’s Garden. Linda and her brother Tim (honorary alum) have spent countless hours and resources keeping and upgrading this area.



These gentlemen representing the 50 year class—1975. Frank Setlock top left was outstanding alumnus of the year. Next to Frank is Marty Kane , Paul Rizzo, Bill Bardin and Rich Rosa. Dave Hrynewich and Rick Reilly in front.



Steve Bertani '90, here with Linda Brunk Smith '65 won the outstanding arts award!

Marla Tollett-Ross '80 and BaronHolbrook '77 enjoy visiting at the Friday evening meet 'n greet. So looking forward to this year. Mike “Harv” Needleman (far left photo) is planning on being back this year to entertain us with some music on Friday night.

We owe a BIG THANKS to Charlie Parker '73 ((below on right with Fred Bridgewater '73), who has for MANY years contributed chicken wings from his business “Wings ‘n Things Express “ in KC. They are SO good. THANKS AND THANKS AGAIN



2024 Homecoming was a big success. Starting with a beautiful day for golf on Friday—followed by a fun meet and greet at the Tarkio Golf Club. Saturday luncheon—socializing in the afternoon with honors and corporate meeting late afternoon followed by a terrific dinner.

Jimmy Cooper '54 - Garnett, KS, passed away 6/05/25. He was a banker.

Gary Cooper '79 - Tarkio, MO passed away 06/25/2025. He worked in sales for implement dealers and also worked as a paraprofessional and bus driver for Tarkio School Districts. His wife is Sidney Pearce Cooper '62.

Rudolph Kosits '60 - San Diego, CA passed 7/03/2025, he was a family therapist.

Some of the following notices are quite dated and although checked, may have been published in previous issues of the Phoenix. Apologies for any duplicates or omissions.

George Creighton '60 - Westcliff, CO passed away 9/17/2023.science teacher - married Carolyn Wykoff 'ex59

Fred Goodson (faculty) - Kansas City, MO passed away 10/4/2023. He was a former theater professor at TC.

Thomas Scott '49 - Urbandale, IA - passed away Dec. 17, 2022. He taught HS Science in Skidmore, Mo, Winterset Ia and Des Moines IA - retiring after 40 years in 1991 He was a lifetime member of the National Education Association

Rev. Charles T. White '60 - Murrell's Inlet, SC. died 6/22/2022

Estella Brandstatter '56 - Mesa, AZ - passed 02/09/2022. She met her husband Warren '55 at TC and spent the majority of her years in Washington and Wisconsin, retiring to Mesa AZ in 2001.

Myna Lee Boettner Barr '44ex - Liberty, NE - passed 05/02/2021-grew up in the Watson/Rock Port area, went to TC and met her husband J.D. Barr, raised a family and worked in banking

Paula Kendrick ? - Weatherby Lake, MO died 5/11/21

Edward & Bobbi Chase'45 - Seneca Falls, NY 05/02/2020- born in Corning, IA - married Roberta Thompson '46, college interrupted by WWII, returned to continue education - predeceased by Roberta in 2017

Michael Shaw (friend) - St. Joseph, MO - 09/09/2014 - played piano and participated in TCAA events

Dr. John Northwall '48 - Council Bluffs, IA ' 6/08/2019 - served as minister in churches in Nebr. And Iowa-

Lois Engstrom '48 - St. Paul, MN - 08/01/2018 - Social Worker

Maralee Sweeton Dinsdale '79 - Sedalia, MO - 12/14/2017-grew up in Fairfax, MO - taught in several school districts - her passion was barrel racing

Robert Croskey '43 - Sunnyside, Washington - 6/14/2016- grew up in Kansas City, MO area - attended TC, graduated with a BA in Commerce, and while at jr. enlisted in V-7 Navy Officer's training program

Cheryl Freeman '91 - Tarkio, MO - 10/20/2014 - served as a librarian for Atchison County for 21 years

Ruth Curry Corie '37 - Midland TX, passed 2/27/2012 - teacher

Joann Morris '60 - Omaha, NE - 7/4/1995



Homecoming Weekend

SEPTEMBER 19-21, 2025



Alumni,

As the years pass and life takes us in many directions, there's something profoundly special about returning to the place where so many of our stories began. Our college reunion is more than just a gathering, it's a chance to rekindle friendships, share laughter, and relive the moments that helped shape who we are today. Walking familiar paths, hearing echoes of shared experiences, and seeing old friends brings a warmth and joy that only your alma mater can offer.

We warmly invite you to return, not just to remember the past, but to create new memories alongside those who shared your journey. Whether it's catching up over drinks, listening to music that once filled the dorms, or simply sitting and reminiscing, your presence will make this reunion unforgettable. Come back to Tarkio, reconnect and be reminded of the powerful bond we all share.

If you didn't receive a alumni reservation invite, or know a former classmate that didn't, please contact tcaa@tarkio.net now. So looking forward to seeing you all.

Tarkio College Alumni Association
Board of Directors.

TCAA-Statement of Financial Position (Includes unrealized gain of \$10,032)		
6/30/2025		
ASSETS		
Cash and Bank Accounts	\$36,039	* Inventory (physical inventory not taken) \$1,383
Memorabilia	\$15,774	
Printer,Computer, fax	\$7,756	
Accumulated Dpr	-\$23,530	
TOTAL Other Assets	\$0	Investments \$217,552 Total Assets \$254,974
Fund Balance		
TCAA Fund Balance	\$254,974	
TCAA Statement of Activities	- 7/1/2024 Through	
6/30/2025		
Inflows		
Contributions Gifts Grants	\$30,470	
Dues	\$9,716	
Net Sales	-\$540	
Interest, Dividends and Realized Gain	\$14,425	Total Inflows \$54,071 Outflows
Bank, License, Officers Ins. and Office fees	\$7,617	Depreciation \$0
Occupancy,Rent,Utilities,Maintenance	\$7,890	Printing,Publications,Postage \$2,635
Professional fees, Independent Contractors	\$25,733	Student Scholarships \$2,000
Donations	\$1,800	
Total Outflows	\$47,675	OVERALL TOTAL INFLOWS OVER OUTFLOWS \$6396 Change in UnrizdGain \$1,571
NET CHANGE IN FUND BALANCE \$7,967		
07/25/2025 Unaudited reports prepared by Grace (Schoenemann) Huettner TC '78		

OBITUARIES

The following obituaries are listed chronologically from Jan. 1, 2024. We have learned of other deaths prior to this date, some quite some time ago. They will be listed towards the end of the list.

Diane Sederburg ‘87 - Burlington Jct., MO passed away 1/6/2024. She graduated Summa Cum Laude from TC and was mother to the late DeOnne Sederburg, an accomplished athlete at TC.

Doris Adamson Withrow ‘54 - St. Joseph, MO. passed away 01/06/24 She grew up in Tarkio, married Frank “Skip” Withrow ‘54. She was a teacher and real estate agent later in life.

Pearl Elaine Park Burns ‘86 - Tarkio, MO passed Jan. 29, 2024. She grew up in Fairfax, MO, taught for some years. She served on the TCAA board and devoted many hours as a curator for the TCAA museum. Her husband passed away 2 days before she.

Bill Fox ‘64 - Rolla, MO passed Feb. 3, 2024.. Born in Mineola, NY, attended TC where he met his wife of 59 years, Bonnie Naylor. He was a recruiter for TC and also taught and coached at Tarkio High School. He was a gifted athlete

Judy Wait White ‘60 - passed Feb. 9, 2024 in Murrell’s Inlet, South Carolina

Pat Loudon ‘65 - Apache Jct., AZ passed in 2024. She was an artist.

Dennis Reilly ‘64 - Sidney Iowa passed away Feb. 19, 2024. He was raised in Delaware, Was a principal at Sidney Elementary, Late in life worked in finance and owned and operated Reilly Insurance and Investments.

Randy Poppa ‘86 - Albany, MO passed away Feb.24, 2024. He grew up in Tarkio, ran several eating establishments, settled in Albany, owning a family restaurant for 18 years. He was a well respected community member and battled cancer for many years.

Chris Korte Young ‘74 - Prairie Village, KS passed March 13, 2024. She worked for Hallmark Cards and was a career sales and marketing person.

Rachel Crawford ‘48 - Ames, Iowa passed away March 15, 2025. She was a lifelong teacher. She met her husband Harold at TC. He passed away in 2020

Mike Stanley ‘70 - Harlan Iowa passed away March 24, 2024. He played basketball and ran track for the Owls. He was a high school teacher and administrator and served as an official for high school sporting events. He was a member of the Iowa High School Athletic Association Hall of Fame.

Barbara E. Enarson McIntosh ‘54 - Irvin, IA passed away April 6, 2024. She was the wife of Ray McIntosh ‘51 and the mother of Joe, Angela, and Robert, all TC graduates.

Vivian Brandstatter Albin ex’55 - Des Moines, Iowa passed April 14, 2024. She attended TC with her brother Warren Brandstatter ‘55.

Bill Corken, friend of TC - Lees Summit, MO passed away April 27, 2024. He was formerly from Rock Port, MO

Cary Griffith ‘69 - Nashua, IA passed away May 14, 2024. He had a career in coaching and teaching math. He played semi-pro football, softball, and basketball with Adele, Iowa area “Snakes”

Ann Barnett (friend) - Tarkio Missouri, passed away May 19, 2024. She was the wife of George Barnett, former Tarkio Owls booster and lineman.

Carolyn Wykoff Creighton ‘59 - Westcliff, CO passed away June 1, 2024 was the widow of George Creighton

Mary Case Swenson ‘59 - W. Des Moines, IA passed June 6, 2024. She was raised in Atchison County, received her teaching degree from TC. She taught at several area schools before teaching at Valley High School in Des Moines, IA.

Gwenella Harris Blackshire ‘73 - Chicago, IL passed away June 28, 2024. She was a cheerleader for TC and worked for the IRS for over 30 years.

Angelo Onelevo ‘69 - N. Tonawanda, NY. passed July 21, 2024. His TC nickname was “Zip”

Kimberley McIntosh Lennemann ‘79 - Menahga, MN. passed away July 13, 2024. She grew up in Tarkio, the daughter of Roy and Gayla McIntosh. She was a treatment program manager at Glenwood Resource Ctr. in Glenwood IA, recently moved to MN.

Bernie Patton ‘69 - Scottsdale, AZ passed 7/16/24. He grew up in southwest Iowa, he had a career with John Deere in Moline IL.before moving to AZ from Bettendorf, IA

Alan Naughton ‘74 - Fremont NE passed 7/27/24. He was an economics professor at Midland College in Fremont for 28 years.

Ron Hunter ‘70ex - Rock Port, MO passed 8/11/24. He was the director of Atchison Holt Electric Cooperative and served on many boards.

Velma Vogler Reumann ‘54 - Tarkio MO passed 9/1/24. She grew up in the Atchison County area, after a brief period teaching she embarked on a long career in the Navy.

Phil Creighton ‘66 - Long Beach,WA & Timnath, Colorado -passed away 9/16/24. He was President of Eastern Oregon, University, Pacific University

Steve Wiley ‘76 - Harrisburg, PA passed away 10/21/24. He enjoyed coaching and is a member of Tarkio College Athletic Hall of Fame.

William “Pops” Farmer’74 - Kansas City, MO passed away 1/ 25/2025. He was a youth counselor/sports enthusiast/coach

Chip Smith (faculty) - Central City,Colorado passed 01/30/25. He was a voice teacher and choral director at TC from 1980 to 1984.

Joane Lee Jones ‘68 - Perry, Iowa passed Feb. 6, 2025 - she was a social worker and missionary

Linda Guyer - Feb. 6, 2025

David Thomas - Feb. 22, 2025

Teresa O’Donnell ‘78 -Ocean City, NJ died Feb. 23, 2025. She was a Social Worker.

Carrienne (Byrd) Meystrik ‘91ex - Knoxville, TN passed away Feb. 25, 2025. She met her husband Chris at TC - member of TC HOF, devoted her life to her family, stricken with ALS, lived with this for 26 years raising awareness for ALS

Joe Day ‘86? - Graham, MO passed away March 5, 2025. He attended TC on a football scholarship, owned and operated Precision Lawn Care in Graham.

Michael Zachodni ‘58 - Sacramento, CA passed March 10, 2025. He was a Colonel and lifelong Marine,

Dave Palmeiro ‘66 - Tarkio, MO/Long Island/South America passed away March 14, 2025. He was a beloved Coach at Fairfax and Tarkio High Schools. A member of TC HOF and Missouri Sports HOF, the football stadium in Tarkio is named for him.

Iris Teachout Morrison ‘50 - Shenandoah, IA passed away April 19, 2025.She was a TC homecoming queen and had a career as a school teacher

Kay Balle Pierce ‘63 – Mansfield, TX passed away 04/27/2025 - substitute teacher and lifetime member of PTA

Greg Prather ‘63 - Waverly, MO - April 29, 2025 - grew up in Tarkio. Went into teaching before school administration - was superintendent of Santa Fe R-X School District for 25 years.

Lois Craven Powell ‘58 - Tarkio, MO - passed away 04/22/2025 - married Jim Powell '58, taught at Westboro and Tarkio Elementary schools for 40 years.

Glen Bargman ‘51 - Westboro, MO -passed away 6/20/25 - Educator

Betty Davidson (friend) - Wentzville, MO , she passed away 05/20/2025. She was the wife of Coach Wayne Davidson

James “Jim Bob” Barker (staff) - Tarkio, MO passed away 6/04/2025. He worked for Tarkio College maintenance for 16 years.