busy senior at Bishop Kelly High | Drama Club and was the principal

en all the mathematics and science | Club. Systems Engineering, Mary Kay the 12-string guitar and has writ-

on TU Honor Roll Son of Employee

versity of Tulsa. sler, NASA Projects, is on the girl scientists that we have ever scholarship and son of E. G. Mies- easily. She is one of the better Gary Lee Miessler, winner of sight into problems," Bro. Bernar-the 1966 Management Assoc. dine said, "she can grasp concepts President's Honor Roll at the Uni- had at Bishop Kelly. She does all

and is one of five engineering stu-dents to make the honor roll. His 80 percent of such costs over 4.0. Gary graduated from Will receives an expense allowance of grade point average is a perfect \$500. In addition, each winner joring in Chemical Engineering Gary is a sophomore at TU ma- | ized.

The daughter of D. J. Zigrang, duced this season. She also plays | Norton . . . author of one of the plays pro-

Bernardine, F.S.C., director of the school. "Mary Kay has good in-South Bend, Ind., in June 1966, things well—she is not specialhave won her praise from Brother and her activities at Bishop Kelly Mary Kay moved to Tulsa from

\$500 per school year. Mary Kay's scholarship covers

Future Reentry Problems ithin Apollo's Scope

sion Apr. 25. sional Seminar at the Tulsa Divi- command module concept and by G. M. Hanley at an Interdivi- sion, it was shown that the Apollo tem requirements was discussed greater than for the lunar mistechnology to satisfy future sys- occurs at velocities 50 percent The ability of Apollo-derived atmosphere from planetary flight technology can provide an ade-

of spacecraft aerodynamic braking cussed. at Mars and Venus, Mars landing Earth entry systems. tems, including results of studies the actual mission was also disorbital and planetary reentry sysgram for advanced manned earth- entry and landing conditions in Space Division, outlined the pro-simulating Mars and Venus rened Systems/Advanced Systems, tem development program for Hanley, project manager, Man- | quate reentry capability. A systhe Earth's atmosphere prior to

Although reentry into the Earth's | nesota.

tion for her plans to be an ap-[time, she is a member of the Chess supervisor in charge of all second course at Bishop Kelly in prepara- the King Church. In her spare trol since 1953. He was senior has taken a college preparatory ten songs for Folk Masses at Christ in departments of Quality Conplied mathematician. She has tak- Club, Student Council, and Pep shift Quality Control activities at the Boeing Plant 77, Ogden, Utah. (Continued from Page 1, Col. 5)

Renton Field, Renton, Wash, Control Preflight Operations at also Superintendent of Quality checkout from 1961-63. Minuteman missile assembly and Norton was associated with the He was

> how this newly-gained technology can be applied to other the nation who are involved with the Apollo program, and reports on technological progress forged by companies across A second feature, "Apollo: the Strength of a Nation,"

projects. A story on the company's undersea workboat, developed

by Ocean Systems Operations, is also highlighted. It is called "Newcomer in the Wet World."

development of beryllium for aerospace uses is another feature Pioneering work of the Aerospace & Systems Group in the

G," describes the food that astronauts eat in space. International's new solid-state battery, and "Breakfast at Zero Additionally, "A Million Times Better," tells of Atomics



systems, and planetary return to degrees in Aeronautical Engineer- PHOTOGS — The photographs that will appear in the Skywriter are the work of these three ing from the University of Min- Tulsa Division photographers. Discussing a photo assignment are, left to right, Ace Mulliner, nesota.

Mike Gordon and Frank Johnson. Photo is by Stan Szlichta, TD laboratory technician. Hanley received his BS and MS