

Orienteor

USAF AERONAUTICAL CHART AND INFORMATION CENTER

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USAF photo by Singleton Harris

SIGN OF THE TIME: The picture above, with Building 36 in the background as seen from the Main Gate on Second Street, was taken Dec. 29. However, it could have been any one of a number of days during the past month, as the St. Louis area experienced an unaccustomed amount of snow. No doubt many ACICers, like these two here, were hoping it would soon STOP!

Otto Stoessel
Gets GS-15

Old Decal To Expire Jan. 31

ACIC Passes Inspection Of Equipment System

An Air Force equipment management team has completed a comprehensive survey that included evaluation of ACIC compliance with Air Force equipping policies and procedures. The survey by the 10-member team from Air Force Logistics Command (AFLC) was conducted at Hq. ACIC between Dec. 2 and 12.

Assistant Director of Materiel Rocky B. Thompson said an official report of the team's findings has not been received, but an exit briefing indicated "we passed the inspection for the first time and are in very satisfactory condition."

At the exit briefing, team chief Armott A. Simon of Hq. AFLC, Wright-Patterson AFB, Ohio, said he was pleased with the amount of progress that had been made since the last inspection.

The team was impressed with the motivation of people at all levels, he said, adding that the amount and quality of training that had been given equipment custodians and managers was

clearly evident.

In concluding, Mr. Simon expressed confidence that ACIC's equipment was now being properly managed and that it would continue to be managed effectively and economically.

Gen. Triantafellu Here Two Days



Major General Rocky Triantafellu recently spent two days at ACIC where he received briefings on the mission, organization, and operations of the command. General Triantafellu serves as Assistant Chief of Staff for Intelligence at Headquarters United States Air Force.

New Law Raises Savings Bond Interest to 5%

President Nixon last month signed into law legislation permitting interest rates on U.S. savings

OFFICIALS REPORT JUMP IN OCT. RETIREMENTS

Civilian Personnel officials reported that of 15,110 Air Force employees eligible to apply for optional retirement by Oct. 31, there were 1,262 who took advantage of the 5 per cent cost-of-living adjustment and other annuity computation benefits of Public Law 91-93. Application was required between Oct. 20-31. Normally about 200 Air Force employees retire each month. (AFNS)

Gets GS-15



Otto C. Stoessel Jr., Chief of the Printing and Distribution Division, was promoted to GS-15 effective Dec. 14. Mr. Stoessel joined ACIC in January 1949. He has been chief of the Printing and Distribution Division since its formation in 1962. He was named chief of the former Printing Division in 1958.

COMMANDER'S CALL

January Commander's Call for officer's will be held the 23rd at 3:00 p.m. in Bldg. 22. Airman's Call will be held the 30th in the South Annex Auditorium at 3:00 p.m. A Hail and Farewell will follow the Officers's Call and the NCO Club will be open following Airman's Call.

Old Decal To Expire Jan. 31

Employees who have not yet re-registered their cars and received their new Air Force decals should do so before Jan. 31. Old Hq. ACIC decals will no longer be accepted as a permit to drive a car on base after that date.

Master Sgt. Melvin O. Stark, assistant chief of the Security Police Division (ACIS), estimated earlier this week that about 150 cars still bear the old decals.

Vehicle registration hours are 7:30 to 11 a.m. and 1 to 3 p.m. Monday through Friday at the Main gate on Second Street. Sergeant Stark said these hours would remain in effect after Jan. 31.

No papers are required to register under the new system. Employees need only sign a statement indicating that they possess the minimum liability insurance required by the state of Missouri, meet their state ownership/registration and inspection requirements and possess a valid driver's license.

The car must be present at the time of registration, however, since the registrar is responsible for removing the old decal and attaching the new one.

Sergeant Stark pointed out that under the new system, the maximum number of vehicles that may be registered to one owner is two. Decals may not be transferred from one car to another, he added.

For civilians, the new system requires that decals be returned prior to transfer or termination of employment for any reason. Since the new decal is standardized for all continental U. S. Air Force bases, military personnel transferring to another installation need only notify the vehicle registrar to permit forwarding of registration data to the new base.

The new system also requires that any changes in registration data, such as new license plates, change in insurance status, or even a new paint job must be reported to the vehicle registrar within 72 hours. Sale or other disposition of a registered vehicle must also be reported within the

(Continued on page 2)



William Hawkins, vehicle registrar, issues Mrs. Mildred Jackson (ACDC-2N13) the three thousandth new Air Force auto decal given out by Hq. ACIC. The "event" took place at 1:15 p.m., Jan. 5.

signed into law legislation permitting interest rates on U.S. savings bonds to be increased from 4.2 percent to 5 percent.

The new 5-percent rate applies to all outstanding Series E and H Bonds sold on or after June 1, 1969, if held to maturity. The higher rate also applies to older bonds. Beginning with the first semiannual interest period starting on or after June 1, 1969, rates on outstanding E and H bonds will be increased to yield 5 percent, when held to maturity or extended maturity.

Sales of Freedom Shares, which already pay 5 percent interest, will be discontinued after June 30, 1970. The delay is intended to give employees who buy Freedom Shares through payroll savings plans an opportunity to change their deduction programs to savings bonds in an orderly manner.

Commenting on the new legislation, Treasury Secretary David M. Kennedy said, "The continued purchase of savings bonds is especially important today when we are engaged in an all-out effort to control inflation and restore health to our economy. The new interest rate of 5 percent should provide an incentive to those Americans who find savings bonds an attractive and convenient way to provide for their own financial security and contribute to the sound financing of the nation's government."

UNITED STATES AIR FORCE...AEROSPACE POWER FOR PEACE

Defense Dept. Credo

Human Goals

EDITOR'S NOTE: Last March, when Robert T. Kelley became Assistant Secretary of Defense (Manpower and Reserve Affairs), one of his first recommendations to Secretary of Defense Melvin Laird after taking office was that the Defense Department should collect the philosophy which underlies its essentially humanitarian approach to the management of people and express these in some form of Human or People Goals.

As a result, a set of Human Goals was developed for the Defense Department. These goals were not written by or for any one person, but rather as the combined product of the Department of Defense. Participating in the formulating of these goals were the Secretary of Defense, the Deputy Secretary, the Joint Chiefs of Staff, the Service Secretaries and the Assistant Secretaries of the Services for Manpower and Reserve Affairs.

Officially adopted last August, these goals are intended to give the Department of Defense a high human standard upon which to measure its activities. The ORIENTOR has reprinted the entire Human Goals credo below.

Our nation was founded on the principle that the individual has infinite dignity and worth. The Department of Defense, which exists to keep the nation secure and at peace, must always be guided by this principle. In all that we do, we must show respect for the serviceman and civilian employee as a person, recognizing his individual needs, aspirations, and capabilities.

The defense of the nation requires a well-trained force, military and civilian, regular and reserve. To provide such a force we must increase the attractiveness of a career in Defense so that the serviceman and the civilian employee will feel the highest pride in himself and his work, in the uniform and the military profession.

-- The attainment of these goals requires that we strive--

-- To attract to the defense service people with ability, dedication, and capacity for growth;

-- To provide opportunity for every one, military and civilian, to rise to as high as level of responsibility as his talent and diligence will take him;

-- To make military and civilian service in the Department of Defense a model of equal opportunity for all regardless of race or creed or national origin, and to hold those who do business with the Department to full compliance with the policy of equal employment opportunity;

-- To help each serviceman at the end of his service in his adjustment to civilian life; and

Bits And Pieces

From the Black Book:

The New Year crunched through the icy snow to make its 1970 appearance in St. Louis. The snow, stalled cars, losing football teams, icy roads, new parking allocations and other hazards of the season brought about many quickly broken resolutions. We're reminded of the ACICer who resolved to apply a little white-wash to his use of the English language. . . the resolution was broken January 2nd when his car battery went dead. I hope your luck was better.

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The new nameplate of the Orientor is our way of announcing a new decade. Through the year we hope to bring more changes to the paper which will benefit all readers. Our thanks to Dotty Sanschagrin for the nameplate design.

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If you're visiting the McDonnell Planetarium be sure and view the ACIC Apollo 12 exhibit which features a replica of the lunar surface where the craft landed. The exhibit will be on display throughout January.

A note of appreciation must go to the security force personnel involved in the auto sticker change-over. They worked through the worst weather of December and January (cold bumper time) to convert over 3,000 ACIC stickers to the new Air Force decal.

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John Lefman (ACDMDT) operates one of two Wang Model 380 calculators in the Positional Data Missile Support Division.

TECHNICAL ARTICLE

Electronic Calculators Give Immediate Results

By David W. Alspauch (ACDMDT)

The Positional Data Branch (ACDMD) of the Missile Support Division has in operation two Wang Model 380 Electronic Calculators manufactured by Wang Laboratories, Inc., Tewksbury, Mass. The Model 380 is available in a variety of configurations providing advanced capabilities, i.e., remote keyboards separated up to 500 feet from the processing module and a selection of output devices. The particular configuration of the two is as follows: a programming keyboard connected in a series to a module for external storage, a module to control output, a processing module and an IBM Selectric Typewriter at the cost of \$7,846.00 each. The three modules are equal in size and each is about the size of a large briefcase.

Arithmetic operations can be performed by the pressing of a key or the execution of one instruction

locations play the role of a scratch pad for the calculator from which quantities can be either used in subsequent operations, relayed to external storage on command or displayed on command. Quantities transmitted from the processor as answers are rounded to 10 digits.

The external storage module provides a total of 64 locations. Each location contains 10 digits, a sign and a decimal point and is addressable by input from the keyboard or by program control.

Programming is accomplished by transcribing on magnetic tape, through keyboard, a desired sequence of commands. The magnetic tapes are contained in removable cartridges that are slightly larger than a cigarette pack. The tape within a cartridge is available in various lengths, ranging in capacity from 80 to 640

-- To help each serviceman at the end of his service in his adjustment to civilian life; and

-- To contribute to the improvement of our society, including its disadvantaged members, by greater utilization of our human and physical resources while maintaining full effectiveness in the performance of our primary mission.

St. Louis U. Offers Courses

The Metropolitan College of St. Louis University and the University's department of industrial engineering will offer several non-credit courses in their systems analysis program during the Spring semester.

Enrollees may work towards a certificate in systems analysis and data processing given by the college to those who have completed six of the program's courses, including three required courses.

All three required courses, Systems Analysis and Data Processing I, II and III, are being offered this semester. In addition, there will be an introductory course in COBOL programming language, a course covering the study and application of quantitative decision-making techniques, and a special "Seminar on Systems Analysis."

All courses will meet weekly beginning the first week of February. Persons who seek additional information or wish to enroll should contact the Metropolitan College of St. Louis University at Jefferson 5-3300, station 363.

Engineering Students Tour ACIC



Engineering students from Southern Illinois University and Washington University recently toured selected areas at ACIC under the supervision of Mr. Paul P. Condaxis, Production and Distribution Plant Training Coordinator (center). The students toured the Cartography Division and then received briefings on basic chart production, photography and NASA support.

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A closing thought: when the thermometer reads zero and the wind blows at 10 mph the chill factor is a minus 21 degree. So button up your overcoat when the wind is free db . . .

performed by the processing unit or the execution of one instruction in a programmed sequence. Examples of a few of the operations that can be performed in a silent, swift operation include square root, natural logarithm and exponent functions.

The processing module has 12 internal storage locations, each of which can store 14 digits, a sign and a decimal point. These 12

Old Decals

(Continued from page 1)

time period and the decal removed and returned.

"It is best to bring the car in and let us remove the decal," Sergeant Stark added.

Sergeant Stark noted that persons operating their private vehicles on base must have in their possession at all times a valid driver's license, proof of ownership and proof of insurance.

Regarding the new parking system for the Second Street installation, Sergeant Stark said there had been few complaints and it seemed to be working well.

availability in lead lengths, ranging in capacity from 80 to 640 commands. The magnetic tape steps through programs at rates up to 18 steps per second, depending on the details of the program being used, at speeds consistent with the performance of peripheral equipment.

The calculator is designed to offer a choice of data output options which include display lights on the keyboard or by typewriter. If by typewriter, the output can be program-page formatted to include alpha numeric printing with page headings or messages.

Examples of work to which this calculator is being applied are quadrilateral resection, coordinate conversions and transformations, linear adjustments and statistical computations to support the mission of ACDMD, the greatest benefit to ACDMD and ACIC is that it relieves the large scale computers of small routine computations and give immediate results to the cartographer. The programming and familiarization activities are being conducted by John Lefman (ACDMD).

The ORIENTOR is an official Class 2 Air Force newspaper, published bi-weekly on Friday by and for the personnel of the USAF Aeronautical Chart and Information Center, at St. Louis, Missouri. Opinions expressed herein do not necessarily represent those of the USAF.

Col. Edwin L. Sterling
Commander
Capt. Ronald A. Robinson
Chief, Office of Information
1st/Lt. Paul Hurlburt
Editor

16 Get Achievement Awards



The employees pictured above all recently received Special Achievement Awards. The awards replaces the Sustained Superior Performance Award. Its value, based on the recipient's grade, is \$50 greater than the old award.

Top row, from left are Chester Gross (ACDEN), Ruth Werder (ACDC-2), Earl Hill (ACDC-2) and Harold Lenn (ACDC-2).

Second row, Joan Carpenter (ACDC), Thomas Christoffel (ACDC-2), Tussell Anderson (ACDC-2) and Lee McCrummen (ACDC-2).

Third row, Joan Sadorf (ACDC-2), Lloyd Hollenbeck (ACDC-2), Charles Houston (ACDC-2) and Robert Rivas (ACDC-2).

Bottom row, Henry Adkins (ACDRWR), Joseph Kurtak (ACDRL), John Solima (ACDEN) and Richard Dedham (ACDC-2).

CHIEF OF TYPOGRAPHICAL SECTION

Spaulding To Retire Feb. 6

Ernest D. Spaulding, chief of the Typographical Section (ACDCAT), is retiring Feb. 6.

Mr. Spaulding has devoted most of his federal career to typography and was named chief of the typographical section about 1945--two years after he came to ACIC.

His federal career goes back to 1936 when he joined the U. S. Geological Survey in Washington as a press assistant. "My job was to wash the presses with kerosens and wipe up the oil and ink," he recalls.

Later Mr. Spaulding joined the type shop, an assignment he kept when he transferred to the Army Aeronautical Chart Service in 1942.

Mr. Spaulding is a native of Indianola, Neb., a small town in the southwestern part of the state. His wife, Evelyn, was his high school sweetheart. She is now a secretary for the Ferguson-Flo-rissant School District.

The couple has two married sons, Don and Dean. A third son, Dale, is to be married this month. The Spauldings also have a daughter, 16-year-old Donna, who lives with her parents in Ferguson.

Mr. Spaulding says his post-retirement plans are indefinite.

Army Nominates Biagioli's Wife

Mrs. Mary A. Biagioli, wife of Dominic P. Biagioli of ACCDM, has been selected by the Secretary of the Army as one of the six Department of Army nomi-



Ernest Spaulding

"For the first few months anyway, I'll work around the house and paint," he says.

"We might move back to Nebraska--or we might stay here, and after I get bored, I'll get a part-time job."

A party was held in Mr. Spaulding's honor in the ACIC cafeteria Jan. 16.

Mulligan Dies

Melville F. Mulligan Jr., and aeronautical information specialist in ACDAE-3, died the evening of Dec. 30. He had left work here early the same day. He was 50 years old.



Mr. Mulligan

Mr. Mulligan had been employed at ACIC since March 1958. He was also a major in the Air Force Reserve until 1963 and served some 13 years on active duty.

Mr. Mulligan is survived by his wife, Margaret, and three sons in their twenties. A funeral mass was held for Mr. Mulligan Jan. 2 at the Church of the Seven Holy Founders in Affton. Military burial was in Jefferson Barracks National Cemetery.

WEDDING ANNOUNCED

Miss Nina Y. Robinson of Memphis and James L. Hayden, grandson of Earl L. Hayden of ACDAB, are being married this month. Miss Robinson was Carnival Princess in the 1969 Memphis Cotton Carnival. Mr. Hayes is a junior at Christian Brothers College in Memphis.

KEEFE RETIRES

Kenneth A. Keefe (ACDA) retired Nov. 30 after 29 years of federal service, nearly 16 of them at ACIC. His was the only retirement reported for November.



30 Years' Service for Mosley

December marked the completion of 30 years combined Federal service for James Mosley, the man in charge of the ACIC Master Reference Library.

Mr. Mosley spent most of his military service time and all of his civilian time in St. Louis.

He took his oath of enlistment into the Army-Air Corps in St. Louis on July 5, 1935. Through 25 years of military service with the Army-Air Corps and later the Air Force, he served 17 years in the Greater St. Louis region at Jefferson Barracks, Scott AFB, and various recruiting stations. Overseas tours included France during World War II and Puerto Rico during the late 50's.

Mr. Mosley completed his military service as a master sergeant and retired a warrant officer after duty in the ready reserve. The Warrant commission was the highest rank held during his wartime service.



James Mosley

Promotions Go to Employees

The following employees have received promotions to grades indicated through the operation of the ACIC Merit Promotion Plan: Lewis W. Alexander (W-7), Willie P. Austin (W-7), Charles H. Lane (WX-7).

The following employees have received promotions to grades indicated through job enlargement: Lyle D. Barker (GS-9), Martin A.

Colony of the Army as one of the six Department of Army nominees for the 10th annual Federal Woman's Award.

Mrs. Biagioli is an operations research analyst at the Army Aviation Systems Command (AVSCOM), 12th and Spruce Streets, St. Louis. According to a report in the AVSCOM newspaper, Plane Talk, her primary job is to develop mathematical logistics models for advance weapon system planning.

The mother of nine children, Mrs. Biagioli holds an M.S. degree from the University of Rochester in Rochester, N.Y. She is a founder of the Ten-Park Association, a self-help organization working towards urban renewal, and also serves as a volunteer teacher for illiterate persons several nights a week.

The Federal Woman's Award is presented each year to six outstanding career women in the Federal service in recognition of the important work women are doing in executive, professional, scientific and technical positions.

Cole (WB-18), George G. Collins (GS-7), Gerald V. Erickson (GS-9), Paul S. Estes, Jr. (GS-9), Roger H. Kinney (GS-11), John P. O'Connell (GS-11), Martha S. Plemmons (GS-9), Judy L. Ruskaup (GS-9), Marie J. Simmons (GS-4), Robert W. Smith (GS-9), Otto C. Stoessel, Jr. (GS-15), Patricia A. Toth (GS-4), Rose M. Ventimiglia (GS-4), Faye E. White (GS-4).



Bruce Bauer (right) presents \$140 to a Salvation Army representative at the Tree of Lights in downtown St. Louis. The money was collected for the Salvation Army through the efforts of personnel in ACDC-1C3, ACDC-1B and ACDC-1. In the background, from left, are a lady from the Salvation Army; Mrs. Mary Vogel; a second lady from the Salvation Army; Mrs. Margie Duke; Cathy Kippenberger; and James Abernathy.

Carto Unit Rallies To Support Project for 'Tree of Lights'

The people of Compilation Section 3 of the Cartographic Intensification Branch (ACDC-1C3) rallied behind a Christmas project last month that began when Don Hanson, chief of Unit No. 2, decided to pass around a hat for the Salvation Army's Tree of Lights.

"Since there was no division-wide project this year, I thought we ought to do a little something in our work area," Mr. Hanson related.

The project began to grow when Mrs. Margie Duke, section chief Murray Berg's secretary, brought in a cake and sold pieces of it to add to Mr. Hanson's collection.

More employees brought in cakes and cookies during the next five days. All four units of ACDC-1C3, plus the Production and Engi-

neering Office (ACDC-1) joined in by bringing in goodies and eating them, too. Nelson Clark, chief of Unit No. 3 even brought in some mostaccioli which he had made himself.

"We didn't put prices on the food. People just chipped in for whatever they took," Mrs. Duke said.

Three days before Christmas a group of the employees went to the Tree of Lights at the corner of 8th and Olive Streets and presented Salvation Army officials some \$140.

Although charity got the money, employees said they also got something out of the project: a big boost in morale, or was it that good old-fashioned Christmas spirit?

We Asked Them...

"What is your New Year's Resolution?"

THEY ANSWERED...



"My resolution for 1970 is just a continuation of my '69 goal. I quit smoking last April after 33 years and feel a lot better now. I surprised myself. I can now go up and downstairs without huffing and puffing. I think this is a good resolution for anyone, but you have to make up your own mind."

- Robert Courtaway, ACMME



"My resolution is to expand my outside interests in order to be able to travel more--in Europe especially. I would like to have a fleet of cars, a variety of modified, semi-modified stock..."

- Rich Manning, ACDCl



"I want to do all I can to help make this a lot more peaceful world. It sure would be nice if people could get along better with everyone. There is so much bickering these days that I think the world is getting pretty tired. Somebody is going to have to understand somebody else and learn to get along."

- Ann Exler, ACD

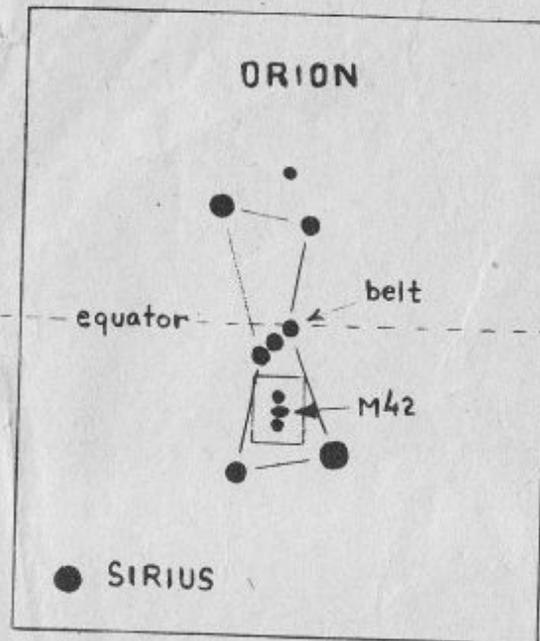


"In 1970 I want to work harder for ACIC and be kinder to my wonderful boss. I want to try harder to take as much load off him as possible so that his job will be easier."

- Sharon DeWalle, ACDEW-3

LIST OF VOLUNTEERS IN VIETNAM BLOOD DRIVE

The 148 ACICers listed here volunteered to give blood for the soldiers in Vietnam. The special drive, conducted by personnel from the USAF Medical Center at Scott AFB, was held in...



The diagram above depicts the constellation Orion, the hunter. At left is a photo of Orion's sword taken by Lawrence Doepke of ACDMA-5. The area covered by the photo is boxed in on the chart. M42 is the name of the center star nebula of the sword.



Orion Crosses Winter Sky

By Lawrence Doepke (ACDMA-5)

When winter reaches the Northern Hemisphere, people in moderate latitudes have the opportunity of viewing the beauty of the great constellation Orion. Known in mythology as the hunter, Orion appears in our skies only during the winter months.

The photograph above captures the image of the sword which hangs from Orion's belt, a line of three bright stars lying almost on the celestial equator. The center star is the famous Orion Nebula known as M42.

No one should miss the beauty of Orion as he makes his westward journey across the sky this winter. Even with an inexpensive pair of binoculars one can explore the mass of stars and nebulosities which surround Orion's sword and pervade the entire constellation. To find Orion at this time of the year, face south about 10 p.m. and match the bright stars you see with the above star chart.

NEW JOC CHAIRMAN

First Lt. Mitchell Milewski has been named chairman of the Hq. ACIC Junior Officer Council. Lieutenant Milewski succeeds Capt...

Par Fives Win Bowling Title

The Par Fives won the First Half Championship of the ACIC Du-Bowl Invitational Bowling League. The team finished first in a field of 16 teams in play that began last August.

Team captain is Norvil Dallas. Members are Charles Sattler, Byron Ruffin, Antony Calazzo and George Cline.

The runners-up teams were the Marauders, second; Nice Guys, third; and F Troop, fourth.

Second Half play begins...

from the USAF Medical Center at Scott AFB, which was held during 22 Dec. 10. Colonel Daniel C. Campbell Jr., commander of the center, furnished this list, expressing "personal appreciation" to all the volunteers.

Dennis L. Mollie
 Ronald D. Wells
 Joseph S. Wojcicki
 William E. Wagner II
 Sydney J. Bosma
 Rose C. Messinger
 David T. Knadler
 Robert L. Day
 John P. Fitzpatrick
 Kenneth E. Fitzsenry
 Carl N. Henroid
 Josephine E. Lewis
 C. J. Lowe
 Wallace D. Erwin
 Shirley A. Sostman
 Mary F. Smith
 Frances E. Colon
 Mary Duenwald
 Roberta L. Staely
 Kathleen A. Mings
 Theresa M. Allen
 Albert P. Hawley
 Robert O. Smith
 William S. Kolnik
 Richard F. Howell
 Joseph France Jr.
 Richard R. Prinster
 Glenn T. Beshears
 Rolf W. Audreasen
 Surran L. Teruamian
 John L. Kennedy Jr.
 Denzil R. Cummins
 Ronald H. Schmidt
 William E. Benner
 Kent T. Johnson
 Bill Paxton
 Norman W. Doering
 Russell L. Bax
 James M. Docherty
 Asa T. Carter
 Maureen C. Rambo
 David R. Loucks
 William F. Volk
 William E. Thomas
 Donald P. Moe
 Stanley F. Winkler
 Maurice C. Palmer
 Donald W. Gardner
 David A. Eisenberg

Francis J. Linneman
 Flo O. Matthews
 John M. Seysert
 Donald R. Reeve
 Robert F. Cooper
 Nancy M. Gresham
 George A. Rolby
 James A. Parro
 Robert B. Stillwell
 E. R. Morgan
 Glen E. Mulkey
 James P. Kolodgie
 Vernon B. Fetsch
 Herman Easterly
 Frederick E. Colberg
 Adam Degutis Jr.
 Otis V. Sivley
 Warren R. Kunzman
 Freeda L. Smith
 John McMahon
 Mary J. Price
 Carl M. Weller
 Jack R. Willett
 Robert J. Marx
 Carl E. Draper
 Glenda M. Lowry
 Robert L. Herkelsheimer
 Imogene P. Bowman
 Emmett L. Burton
 Ralph B. Johnson
 Paul J. Brauner
 Ruby J. Clawson
 Max G. Hurst
 Julian G. Butler
 Margaret E. Cahill
 John E. Unruh
 Eugene P. Seals
 William C. Harrell
 Mary M. Kleba
 Cleveland R. Mooney
 Gary W. Gann
 Joseph T. Larson
 David R. Hudson
 Michael B. Hughes
 Robert G. Gaulconer
 Jim A. Parker
 Vivian J. Thompson
 Lawrence A. Benson
 Judith M. Klostermann

Francis V. Aufmuth
 Lawrence E. Toon
 William J. Castellani
 Joseph L. Schroeck
 William G. Hyatt
 Laurence J. Yurkus
 Karl Wylie
 Mary C. Ruffin
 Antoinette R. Hamel
 Robert T. O'Keefe
 A. W. Lemmons
 Donald P. Vail
 Harry W. Miller
 James M. Barth
 George N. Shalhoob
 Johnnie Watts
 Patricia C. Riley
 Fern M. Reichert
 Arnold H. Schnedt
 Robert B. Brueckmann
 Carl H. Gray
 William H. Wright
 Eleanor A. Cracchiolo
 Burnell J. Petry
 Chester E. Ketterer
 Robert P. Currie
 Charles L. Juengel
 Homer T. Malone
 George E. Kuennen
 William M. Willett
 Rondal Godfrey
 William G. Mantinband
 Jim P. Harper
 Marglin F. Boyer
 Edward C. Winslow
 William H. Burchard
 Gretschon A. Roessler
 Russell C. Klos
 Ewart H. Adams Jr.
 George D. MacFadyen
 Eugene B. Jennings
 Stuart E. Popp
 Paul R. Hurlburt Jr.
 Donald H. Byers
 Richard C. Palm
 John A. McCloud
 Gilbert W. Downing
 George T. Takahashi
 Alonzo O. MacKlin

The photograph is a 10-minute exposure through a 200mm focal length, f/3.5 lens on Plus-X film, taken by the writer in his backyard at 3 a.m. Nov. 5. A modest guide telescope and motor-driven equatorial mount were used to follow the stars during the 10-minute exposure.

7651st 'Outstanding Airman'



Staff Sgt. James M. Jacobson (left) is congratulated and presented a pen and pencil set by Lt. Col. Glenn F. Howerton, commander of the 7651st ACISq., Hickam AFB, Hawaii. A member of the detachment's FLIP branch since May 1967, Sergeant Jacobson was chosen Outstanding Airman of the 7651st for the July-September period. The sergeant is now NCO in charge of the source evaluation and drafting units of the Terminal Section. Sergeant Jacobson is a native of South Dakota. He and his wife, Toyoki, have a son, Dennis, age 7.

Gerald Lerchik, who left ACIC earlier this month to attend Squadron Officer School.

Formerly vice chairman of the Council, Lt. Milewski has been succeeded in that position by 1st Lt. William Wagner. 2nd Lt. Frank Grim was recently appointed to the JOC to keep the council at full strength.

Sgts. Promoted

Eight ACIC personnel have been selected for promotion during the current cycle for staff, technical and master sergeant.

Staff sergeants James Miller (ACDAM), Billy Roses (ACEDM) and Ramon G. Valenzuela (Det. 5, 7651st ACISq., Yakota AB, Japan) were all promoted to their present ranks Dec. 1.

The following personnel will be promoted during the forth-coming months: Charles E. Owens (7650th ACISq., Wiesbaden, W. Germany), to master sergeant; Lee F. Fluhr (7650th ACISq.), Joseph Cantrell (ACPM) and Nicholas J. Ziggas (ACDAM), to technical sergeant; and Robert L. Herboeshelmer (ACDAM), to staff sergeant.

McDONNELL-DOUGLAS GETS F-15 CONTRACT

Headquarters Air Force selected McDonnell Douglas Corp. of St. Louis as prime contractor for development and production of the F-15 advanced tactical fighter air-

The F-15 will carry Gatling-type guns in the nose for "dog-fighting" and air-to-air missiles for farther out combat with enemy planes.

Speed, acceleration and maneuverability will be its key features (AFNS).