

INTERCOM

FEDERAL AVIATION AGENCY

FAA Aeronautical Center

JUL 8 1964

64-27 July 8, 1964

AIRWAY LEVELS GO FROM THREE TO TWO. On September 17th, the airways route structure will become a two-layer system, the lower extending up to 18,000 feet and the jet route structure from 18,000 to 45,000 feet. Above 45,000 feet, operations will be conducted on a random basis. Elimination of the present intermediate airways structure will simplify air traffic control procedures, particularly in transition of aircraft between structures, and lessen the workload on both pilots and controllers. Alaska and Hawaii will not be affected by the change.

OPT PERSONNEL CHANGES. Charles V. Denney, Jr., PT-5, has been assigned Special Assistant to PT-30 to effect the FAA Academy survey recommendations. John di Stefano, Special Assistant to AD-1, replaces Denney as Chief, Executive Staff of OPT. Charles E. Weithoner, PT-24, will be detailed to the post vacated by di Stefano. Also, Benjamin F. Zvolanek, PT-37, becomes Assistant Chief, Training Division and Thomas J. Creswell, PT-23, becomes Chief, Regional Training Branch.

SRDS ENGINEER SOLVES "PROBLEM." Henry H. Butts, RD-320 electronic engineer, may well have solved the problem of what to do about "problem" airports that have terrain features limiting the full potential of existing Instrument Landing Systems. Butts is credited with developing the Capture Effect Glide Slope which, when combined with the standard ILS, provides the pilot with more reliable and precise guidance and more definite "fly up" indications at altitudes below the normal approach path. The Agency has applied for a patent on the system, naming Mr. Butts as the developer. The Capture Effect Glide Slope is now in operation at Duluth, Minn., Knoxville, Tenn., and Tempelhof Airport, West Berlin, Germany.

\$50,000 SAVING. The Agency has received Department of Defense concurrence on Installation and Materiel's plan for rotating emergency readiness combat meals stored at Centers and relocation sites. The Defense Subsistence Supply Office will handle the rotation before the meals become overaged, an arrangement that will save the Government some \$50,000 a year.

IT'S NOT TOO LATE. If you are still claiming the same number of payroll withholding tax deductions as you did last year, you might be in for a surprise when it comes time to settle your account with Uncle Sam for income earned in 1964. Internal Revenue Service recommends dropping (not claiming) one or more deductions to make allowance for the major changes in tax liabilities and the withholding rate resulting from the Revenue Act of 1964 -- the tax cut. The withholding rate dropped from 18 per cent to 14 per cent in March under the Act. The result: some wage earners will be "under-withheld" and will wind up the year owing taxes, quite a change from previous years when two out of three received refunds. Details are available from payroll personnel.

SOMETHING FOR THE CONTROLLER. A contract amounting to \$1,659,460 for data filter equipment has been awarded the Raytheon Co., of Wayland, Mass. Data filter equipment will permit air traffic controllers to select or withhold information for display on the radarscope, such as aircraft altitude, position, identification, etc. This equipment, to be designed, developed and manufactured by Raytheon, includes four common filters and 20 display filters with adapter units for supplying information to composite displays from multiple radar sites. Deliveries will be made between November 1964 and March 1965 with the initial shipment installed at NAFEC for in-service evaluation.

OUR MAN IN BRAZIL. In his latest letter-report Robert R. LaQuay, equipment specialist in SRDS's Airport Systems Branch, announced that the approach lighting system (ALS) in Porto Alegre, Brazil, is ready for checkout. LaQuay, on three-weeks temporary assignment to supervise the installation, is working in close cooperation with the local chief of the project, Brazilian Air Force Lt. Arantes who received training at the FAA Academy and at NAFEC. The Porto Alegre installation is the first in Brazil and will be used as a prototype for other systems at São Paulo and Rio/Galeão Airports.

HONORS FOR COL. RANDALL. Col. Wilmer A. Randall, USAF, Chief, Communications Division, AT-300, was presented the Legion of Merit by Deputy Administrator Grant on June 26, for exceptionally meritorious performance of duty while serving as Assistant Chief of Staff for Communications and Electronics for Joint Task Force Eight during the period November 20, 1961 - November 5, 1962, when nuclear tests were held in the South Pacific.

TYPHOON DAMAGES MANILA. Typhoon Winnie, passing over Manila on June 30, closed the International Airport, took the roof off FAA's field inspection district office and satellite aircraft maintenance base, and flooded the radio equipment, rendering it inoperative. The Pacific Region advises that there were no injuries to personnel. Estimates for resumption of operations were three to five days.

NEW PC BUILDING DUPLICATES HQ. Space allocation of the new 10-floor regional office building in Honolulu follows the Washington headquarters concept. Branch chiefs and above will have private offices centrally located, while section chiefs, technical, administrative and clerical personnel will work in open areas close to the windows.

NAFEC MANAGER WINS AWARD. William F. Harrison, Manager of NAFEC, was presented with a Special Service Award by the First Region of the Civil Service Commission for outstanding cooperation in support of the Federal merit system. Lawrence H. Baer, CSC regional director, presented the award and gave credit to Harrison for the success of the annual conference of the Federal Personnel Association of New York and New Jersey held in May in Atlantic City.

PURDUE AIRS HIGHER EDUCATION. Because of the increasing pilot shortage, Purdue University announced that it will offer a two-year course combining flight and instrument training with general college studies. The program will lead to an associate degree in applied science and is intended to qualify students as commercial instrument-rated pilots for employment in general aviation or for advanced training in transport type aircraft.

THAT GREEN STUFF AIN'T HAY. Dulles International Airport's verdant expanses produced an unexpected cash crop when Paul Crouch, Haymarket, Va., agreed to pay the Agency \$500 for the privilege of mowing 2,500 of the airport's 10,000 acres. Crouch intends to market the hay, after he converts it into a mulch, to mushroom growers in Pennsylvania. He will use his own men and machinery to keep the field barbered during a 120-day contract that will carry him past the growing season. The deal also saves the Agency considerable housekeeping money.

AVIATION INSURANCE CONSULTANT HIRED. Clarence Pell Jr., aviation insurance authority, has been retained by FAA Administrator Halaby as a consultant to assist the Agency in its efforts to combat airline sabotage and to improve the proficiency of general aviation. "Both matters obviously concern the public welfare," the Administrator said, "and the question of insurance should be studied most carefully to determine the extent of its effect upon these problems... We also need more information and advice on whether lower insurance rates, if possible, would serve as an incentive to the average pilot to improve his flying skills...." Since 1933 there have been 18 world-wide known or suspected airline bomb incidents, of which nine occurred in domestic carriers in the United States. Seven of these were fatal accidents, and insurance has been established as a possible factor in five.

HIGH AND HOT. Advisory Circular No. AC 90-14, Altitude-Temperature Effect on Aircraft Performance, has been published and is in the process of distribution. Basically, it is a rewrite of Flight Standards Service Release No. 463, published June 19, 1962.

DISCIPLINARY HANDBOOK DISTRIBUTED. A handbook on conduct and discipline is being distributed to all facilities throughout the Agency. It contains standards of conduct expected of employees and supervisors, disciplinary measures available to management, guides for avoiding conflicts of interest and for assessing penalties, and the Agency's emphasis on constructive discipline in lieu of punitive action.

HUGHES' 'COPTER CERTIFICATED. A Type Certificate was issued to Hughes on June 30 for their model 369 turbine-powered helicopter. It is one of three helicopters entered in the U. S. Army light observation helicopter competition.

MAKING A GOOD IMPRESSION. Following a request by SRDS, Southwest Region engineers have just completed installation of a runway "impression fence" at Houston Airport. Developed originally by the Air Force, the fence consists of two rows of frangible styrofoam stakes set in the over-run area ahead of the runway threshold. The fence serves to provide the pilot with a better visual cue in judging his touchdown point, thereby preventing the possibility of undershooting. It is particularly effective when slow, flat final approaches are made; the fence appears vertical only when the approach is dangerously low. After evaluation at Houston it is probable that a similar installation will be made at Duluth Airport later this summer.

CENTREX TELEPHONE SERVICE FOR AERONAUTICAL CENTER AUGUST 8. The Centrex direct-in-dialing telephone service will provide the most modern and efficient PBX telephone service available. This system is being installed at the Center replacing the present congested PBX system and to meet ever increasing telephone service requirements. With Centrex all extensions at the Center may be dialed direct from outside the Center by dialing MU 6 plus the new four digit extension number. Calls so dialed will by-pass the Center switchboard and ring directly into the telephone extension dialed. The basic Center number will be changed to MU 6-2011 on August 8 at the time the Centrex system is placed in service. All Center extension numbers will be changed to four digit numbers. A new Centrex directory will be distributed about July 15, which will list the new four digit numbers. The new numbers will not be working before August 8. Direct inward and outward dialing of FTS and toll calls will also become effective on the same date.

PROMOTION PLAN ANNOUNCEMENTS FOR AERONAUTICAL CENTER EMPLOYEES ONLY

Closing Date: 7-15-64. The best qualified applicant will be selected for these positions regardless of race, color, creed, sex or national origin.

APPLICATIONS SHOULD BE SENT TO PLACEMENT BRANCH, AC-14. Those received after 4:30 P.M. on closing date will be returned.

A Personnel Data Summary (FAA Form 2062) must be initiated the first time an employee requests consideration for a vacancy. A new PDS should not be submitted for future requests unless the employee's supervisor or the Placement Branch determines that a new rating is needed.

ACPP Number	Position Title, Grade & Series	Area of Consideration	Key Number
Position Location: FAA Academy			
FPP-AC-64-1445	Supv. Elec. Engr. (Gen), GS-855-13	AC, PC, AL & NAFEC	292
Position Location: Office of the Manager, Aero. Center			
ACPP-1446	Mail Clerk, GS-305-03	Off. of Mgr.	269
ACPP-1447	Accounting Clerk, GS-501-05	Aero. Center	262
Position Location: National Field Headquarters (Jet)			
*FPP-AC-64-1448	Facilities Flt Check Pilot, GS-1681-14	Agency Wide	283
Position Location: Aircraft Services Base			
ACPP-1449	A/C Prop. Mech. Ldr., WL-8854-11	ASB	127
ACPP-1450	A/C Instr. System Mech., WB-3355-11	ASB	114
ACPP-1451	A/C Mechanic, WB-8852-08	ASB	91
Position Location: Installation and Materiel Depot			
*FPP-AC-64-1452	Gen. Supply Specialist, GS-2001-13	Agency Wide	**
ACPP-1453	Supply Cataloger (Comm. & Elect. Equip.), GS-2050-11	I & M Depot	**
ACPP-1454	Mechanical Equip. Qual. Control Spec., GS-1940-09	I & M Depot	**
ACPP-1455	Clerk, GS-301-05	Supply Mgmt Div.	269
FPP-AC-64-1430	Airplane Pilot, GS-1681-13	CANCELLED	

(*) Closing Date: 7-22-64

(**) On file Room 104, Headquarters Building.

Promotion lists established as a result of these announcements may be used for a period of 90 days to fill additional vacancies in the same tenant organizations.

***** PLEASE USE YOUR ROUTING SYMBOL *****

NEW PAY BILL. The new pay bill is close to becoming law. Passed by both the House and Senate, it now goes to the Senate House Conference Committee for adjusting a few differences, for example, the date the raise becomes effective. The House version makes the law effective the first pay day after enactment, which is expected to be late in July or early in August. The Senate version would make it retroactive to July 1.

INTERCOM

F E D E R A L A V I A T I O N A G E N C Y

FAA Aeronautical Center

64-28 July 15, 1964

JUL 15 1964

TOP MANAGERS TO MOVE. About September 1, 1964, Lloyd W. Lane, Deputy Director, Flight Standards Service, will become Manager, Aeronautical Center, and Clifford Walker, Chief, Flight Standards Division, Southern Region, will become Deputy Director, Flight Standards Service in Washington. These executives bring to their new positions years of experience and a wealth of knowledge gained from varied Agency assignments in which they have performed outstandingly.

CONTROLLER MORALE. Administrator Halaby was asked to comment at a July 7 press conference on the general state of morale in air traffic control. He pointed out that FAA controllers were a dedicated group and that in the past six years they have been consistently upgraded with more pay increases than almost any other group within the Government. Moreover, he said controllers have been provided with new and improved working quarters and a steady stream of new equipment. The Administrator also said that FAA was trying to get early retirement for controllers, thinking it appropriate and proper in view of their kind of work.

FLENER GRADUATES WITH HONORS. The Air War College named William M. Flener an outstanding student of the College's 1964 class. Flener has been Assistant Chief, Operations Branch, Air Traffic Division, Western Region. Following the recommendation of the Executive Personnel Board, the Administrator is reassigning Mr. Flener to Airports Service in headquarters as part of the Agency's career development program.

ADVERTISING CONTROL OF HEALTH PLANS. Stiffer rules have been drafted by the Civil Service Commission for insurance carriers in advertising their Government employee health plans to Federal workers. The pending rules changes are intended to prevent exaggerated advertising claims regarding the merits of the more than 40 competing Government employee health insurance plans. Object of the rules changes, says the CSC, is to afford employees a clearer choice to make up their own minds as to which plan to enroll in, stay with or change to.

SIMULATOR CUTS TRAINING TIME. The Agency and the USAF have concluded an agreement whereby FAA pilots will take one-day training courses twice a year in an Air Force C-135 simulator at Bergstrom AFB, Austin, Texas. The pilots, 36 in all, are stationed at the Jet Surveillance Field Office at Tinker AFB, Oklahoma City, Okla. Sherman E. Daugherty, Theodore D. Coakley and Edward A. Bray will lead the parade, entering training in the first week of August, and will be followed by another batch of three later in the month. When the program gets rolling, six men per month will "fly" the simulator. Use of the simulator reduces training and proficiency time on the C-135 from 330 to 200 hours.

FLIGHT STANDARDS HAS A WINNER. The Agency's Mechanical Reliability Reporting (MRR) system continues to be a star Flight Standards attraction. Latest to look it over were Carl F. Schmidt, a private aviation consultant, and Charles R. Dean, of Marcon, Inc., who came to Washington to see how it could be used for analysis of the reliability of VT-107 helicopter systems. They are on assignment for the Flight Safety Foundation. MRR furnishes computer processed rapid exchange and retrieval of data on mechanical breakdowns which occur in air carrier operations. Last month, representatives of the British Air Registration Board studied the system to see if a similar set-up would work in England.

ARTS IN THE ATLANTA TOWER. SRDS and IMS are installing the Advanced Radar Traffic Control System (ARTS) in the Atlanta control tower. This is the system that displays letters and figures on the face of the radarscope. Target date for completion is mid-October. The ARTS project has created considerable interest within the entire aviation community and many inquiries have been received from persons wishing to see the system in actual operation. Visitors will be welcome after field appraisal tests are under way some time after January. Ground rules for visitors will be announced in a later issue of INTERCOM.

PREFAB CABS. The first prefabricated airport traffic control tower cabs in FAA history--33 of them--have been ordered under a \$1.5 million contract from Canadair Ltd., of Montreal. Unit price averages \$35,522. The contract is also the first issued by FAA to carry a value engineering incentive clause which allows the contractor to submit cost reduction proposals. If the proposals are adopted, savings will be split 50-50 between the contractor and the Government.

PROPOSED RULE WITHDRAWN. A Notice of Proposed Rule Making which would have lowered the floor of Area Positive Control from 24,000 to 18,000 feet over a large portion of the country has been withdrawn. In view of the comments received, FAA concluded that further study of operations and operational requirements in the 18 to 24,000 foot strata was required.

CAROLINA 'COPTER CONCLAVE. The Agency was represented at the second annual Popular Rotorcraft Association International Fly-In at Raleigh/Durham, North Carolina Airport (June 26-29) by three Flight Standards rotorcraft experts. 'Copter qualified FAAers, Ward B. Masden, FS-5; Juan K. Croft, FS-442 and Melvin R. Hanson, FS-445, were among the 500-plus who attended the meet. Representatives came from as far away as England, Canada and the West Indies. Twenty-one amateur-built helicopters, gyroplanes, and gyrogliders were on display. Those coming from more than 200 miles away were towed to the scene and made airworthy within minutes.

FELLOWSHIP WINNER RETURNS. George J. Lanka has returned to duty in the Office of Policy Development after a year at Harvard. Mr. Lanka last year was chosen by the National Institute of Public Affairs, Washington, D. C., as the FAA recipient of the 1963-1964 Career Education Award. The award included a year of graduate study financed by the Ford Foundation.

ACADEMY EMPLOYEES RECEIVE AWARDS. Mr. Irving D. Smith, Special Assistant to the Director, received a 30-year Length of Service Award July 7, 1964. Other awards made were: 25-year to B. C. Reynolds, Air Navigation Facilities Training Division; Harold T. Anderson and William D. Jones, Flight Standards Training Division; 20-year to Charles W. Mueller, Chief of the Air Navigation Facilities Training Division; 15-year to Bill B. Werner, Chief of the Management and General Training Division. Presentation of awards was made by Mr. Enar B. Olson, Director, FAA Academy.

SHARP NEEDLE AND STRONG THREAD. The Agency has received formal notification from Lockheed-Georgia Company of its intent to modify its C-141A Model 300 by extending the fuselage 23.3 feet. This proposed lengthened version of the C-141A is intended to fill a potential need expressed by various air freight lines. This configuration is seen as the key action in an anticipated seven-fold growth in air cargo during the next decade. Lockheed expects the C-141 to operate from medium size fields with a maximum take-off weight of 366,000 pounds.

LOW COST ILS ADOPTED. FAA's low cost instrument landing system has been adopted as standard by the Agency Review Board. Beginning in FY '66, this system will be installed at designated high priority Category II airports as well as low priority Category I airports. Component parts of the system can be expected to perform in excess of 5,000 hours without failure.

VORTAC PROGRAM NEARS COMPLETION. The Agency has awarded close to \$17 million in contracts for the purchase of ground navigation equipment. A \$13.3 million contract went to the Raytheon Mfg. Co., of Lexington, Mass.; the other, a \$3.52 million order to ITT Federal Laboratories, Nutley, N. J. ITT will begin deliveries in July, 1965 and Raytheon deliveries will begin in June, 1966. Commissioning of the final units delivered under these contracts will complete the implementation of the VORTAC system throughout the 50 states.

PURDUE AIRS HIGHER EDUCATION. Because of the increasing pilot shortage, Purdue University announced that it will offer a two-year course combining flight and instrument training with general college studies. The program will lead to an associate degree in applied science and is intended to qualify students as commercial instrument-rated pilots for employment in general aviation or for advanced training in transport type aircraft.

ALL ABOARD.... There are 14 spaces available on the 1964 chartered European flights for eligible FA Club members. Ten are for transportation only, leaving Dulles International Airport for London either August 26 or 27 and returning either September 30 or October 1. Round trip, \$210. Make checks payable to FA Club Travel Committee, and send them to Mrs. Mildred K. Rice, 1583 Mt. Eagle Place, Alexandria, Va. Four spaces are available on the Spain/Portugal conducted tour leaving Dulles August 26 and returning September 30. For information on this one call or write Mrs. Carmen Crickman, 5206 Westwood Drive, Washington 16, D. C. Telephone - OL 2-6464.

AFGE GRANTED EXCLUSIVE RECOGNITION. The American Federation of Government Employees, Local Lodge #2282, has been granted exclusive recognition for the non-supervisory wage board unit within the Plant Engineering Division, OMAC. In an election conducted June 17, 1964, a majority of eligible employees voted in favor of union representation. Exclusive recognition gives the AFGE local #2282 the right to negotiate an agreement covering all employees in the recognized unit. In addition, the local union lodge is placed on the FAA's list of recognized organizations having exclusive recognition.

WARNICK FLIES IN SUPERSONIC AIRCRAFT. Mr. Charles G. Warnick, Director of Information Services, Washington was in Oklahoma City this week. While in Oklahoma City, Mr. Warnick was given the opportunity to fly as a passenger in the F-101B. The F-101 is the aircraft currently being used in the Sonic Boom Studies over Oklahoma City.

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Closing Date: 7-22-64. The best qualified applicant will be selected for these positions regardless of race, color, creed, sex or national origin.

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ACPP Number	Position Title, Grade & Series	Area of Consideration	Key Number
ACPP-27	Digital Computer Systems Analyst, GS-334-11	Aero. Center	286
ACPP-29	Digital Computer Systems Analyst, GS-334-09	Aero. Center	286

PLEASE NOTE: The above announcements are "ROSTER" positions. Promotion lists for all organizations under the payroll jurisdiction of the Aeronautical Center will be prepared from the roster established as a result of this announcement for a period of 90 days from the closing date. Employees who were eligible on the previous rosters need not reapply. All other employees who believe they are eligible or will become eligible within the next 90 days should apply.

Position Location: Installation and Materiel Depot

*FPP-AC-64-1456	General Supply Officer, GS-2001-12	Agency Wide	**
*FPP-AC-64-1457	Digital Computer Systems Analyst, GS-334-12	AC, AL, PC & NAFEC	286
*FPP-AC-64-1458	Plans & Programs Spec., GS-301-12	AC, AL, PC & NAFEC	**
ACPP-1459	Plans & Programs Spec., GS-301-11	I & M Depot	**
ACPP-1460	EAM Project Planner, GS-362-09	ADP Division	272
ACPP-1461	Production Controller (Gen), GS-1152-09	Equip. Serv. Div.	250

Position Location: FAA Academy

*FPP-AC-64-1462	Supvry Air Carrier Operations Spec., GS-1825-14 (Chief, Air Carrier Operations Branch, Flight Standards Training Division)	Agency Wide	283
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(*) Closing Date: 7-29-64.

(**) On file Room 104, Headquarters Building.

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F E D E R A L A V I A T I O N A G E N C Y

FAA Aeronautical Center

JUL 22 1964

64-29 July 22, 1964

TOP EXECUTIVE TO RETIRE. John M. Beardslee, Director, Central Region, retires from the Agency September 1, 1964 after 36 years of outstanding service to the FAA in a variety of key positions. Edward C. Marsh, Deputy Director, Western Region, was selected by the Administrator to become Director, Central Region, upon Mr. Beardslee's retirement. Mr. Marsh has served the Agency in three regions as well as Washington headquarters during his 27 years with CAA/FAA.

CENTER CONSOLIDATION. At 12:30 A.M., July 5, 1964, the last remaining sectors of the Detroit Air Route Traffic Control Center were consolidated with the Cleveland ARTCC, completing the Center Consolidation Program in the Eastern Region. Transfer of functions was accomplished in record time with no complications.

GOLD STAR FOR MANAGEMENT. Top management in Installation and Materiel Service and Systems Research and Development Service recently teamed up to develop new contract procedures that not only will save time and money but also will eliminate a mountain of paperwork. The new procedure was applied in a joint IMS and SRDS contract involving \$2.4 million for three items of VHF and VHF/UHF transmitters and two kinds of audio amplifiers. What makes this contract different? Both prototype and production models will be procured under a single agreement. In the past, prototype articles were produced under one contract, and then the full negotiation cycle had to be fired up again for production items. This frequently resulted in awards being granted to different firms. The tightened up contract procedure insures that valuable knowledge gained from prototype development will be applied to production models since both will be made by the same firm. SRDS will manage Phase I == prototype development; immediately after acceptance, IMS will take over Phase II == management of production article procurement.

ADMINISTRATOR NAMES DEPUTY GENERAL COUNSEL. Robert L. Randall, a Washington, D. C., lawyer, has been named Deputy General Counsel. For the past 11 years Mr. Randall has been associated with a Washington law firm. He reported for duty with the Agency July 20.

FINAL REPORT: KENNEDY LIBRARY CAMPAIGN. Deputy Administrator Harold W. Grant, FAA chairman for the John F. Kennedy Memorial Library Fund campaign which ended June 15, recently handed over to Postmaster General John A. Gronouski a check for \$29,410.50 representing contributions from 21,919 FAAers. Reports from the field indicate additional funds are en route to headquarters. PC's 90 per cent participation moved it to the top of the totem pole.

REGIONS TO HANDLE TERMINAL AIRSPACE. Responsibility for airspace assignments in terminal areas has been transferred from FAA's Washington headquarters to the Regional Offices. However, Washington will retain authority to designate restricted areas and other special use airspace and will continue to handle airspace assignments for en route purposes and outside the three-mile marine boundary.

JUST IN CASE... Following long-standing instructions spelled out in Section 302(e) of the Federal Aviation Act of 1958, the President signed an Executive Order describing the transfer of Agency functions to the Department of Defense in time of war. This order specifies in some detail the kind of transfer the President feels would be suitable if, in the event of war, he decides to exercise the transfer authority of the Act. It requires FAA and DOD to "prepare and develop plans, procedures, policies, programs and courses of action..." to carry out their wartime responsibilities. The order also requires DOD and FAA to "make such arrangements and take such actions" under existing legal authorities as necessary to provide for a smooth wartime transfer in the event one is made, and to insure that "essential national defense requirements will be satisfied during any...period of national emergency."

VOICE RECORDERS REQUIRED. Under new FAA rules, a device to record communications within the cockpit and between crew and ground facilities will be required installation in jet and turboprop aircraft weighing more than 12,500 pounds by July 1, 1966 and in pressurized four-engine piston planes by Jan. 1, 1967. While the regulation, which becomes effective Sept. 2, 1964, requires continuous operation of the recorder from preflight check through final check, it will retain only the last 30 minutes of conversation. The voice recorder will supplement the flight recorder which has proved invaluable in determining the probable causes of accidents.

TEAMWORK BOOSTS PROJECT PREFLIGHT. Consolidation of Agency maintenance bases is 75 per cent complete and should be wound up by the August 30 target date. Progress is a tribute to the professional skills of the field, PT, MS, IM, BU and others who have resolved difficult problems. Praise, too, goes to many loyal employees and their families who moved to new locations.

BOLT FROM THE BLUE. FS-300 reports that the first known incident of a parachutist injuring a person on the ground happened at a skydiving meet at Charlotte, N. C. Spectators trespassed on the airport in the drop zone and one 'chutist decked a man for the ten count.

NINE DEPOT EMPLOYEES GET AWARDS. Nine employees of the Installation and Materiel Depot recently received awards from Depot Manager Warren E. Nauman. The group included Carolyn S. Pierce, Sustained Superior Performance; John R. Saucier, Suggestion; and Carl Wilson, Reinhardt Will, George Ramsey, Glenn Hightower, Dean Cox, T. L. Curren and Ruble Garner, Special Act Awards.

GUEST SPEAKERS AT NAAIS COURSE. General Joseph Caldara and Paul Vance were special guest lecturers last week at the National Aircraft Accident Investigation School. General Caldara was formerly a Major General in the Strategic Air Command in charge of the Flight Safety Program. Since his retirement, he has been elected President of the Flight Safety Foundation. Mr. Vance is a Marketing Specialist with the Monsanto Chemical Company in St. Louis, Missouri.

FOR FAST, FAST, FAST DATA. A new high-speed precision tracking facility went into commission at NAFEC earlier this month following dedication ceremonies presided over by Joseph D. Blatt, RD-1, and John C. Mercer, NA-100. Called "Extended Area Instrumentation Radar," it provides improved accuracy, reliability and speed in handling aircraft position data collected in test and evaluation projects. The radar has a 14-foot parabolic antenna reflector which locks on to the aircraft, tracks it automatically, and feeds three-dimensional position data in analog form to a plotter. The data also is transmitted through a coordinate converter to digital recording on magnetic tape. One particularly valuable feature is the immediate availability of data for processing in the Center's computer, resulting in considerable savings of time and money. The radar's maximum effective range is 190 nautical miles.

SAVINGS BOND ROUNDUP. New or increased subscriptions to savings bonds through the payroll plan during the 1964 campaign totaled nearly 12,000 with 7 of 12 reporting areas exceeding 200 per cent of goals. The Aeronautical Center again led the Agency in over-all participation; 90 per cent of its employees buy bonds. EA signed up the largest number--2,499 and PC reported the highest percentage--411. Final reports show the following percentages of campaign goals attained: PC=411; SO-350; HQ-276; AC-270; EA-227; CE-212; SW-210; WE-177; BNCA-162; AL-140; EU-117; NAFEC-67.

REGIONAL TRAINING CHIEFS MEET. Regional training officers have concluded a week-long conference at Washington headquarters. Associate Administrator for Administration Alan L. Dean highlighted the program by reviewing the training officers' role as key advisors to Regional Directors and Center Managers on all training matters.

LBJ'S FOR HIRING EX-PEACE CORP MEN. President Johnson has asked all agencies to take advantage of the experience of Peace Corps returnees and use them as a recruitment source for Federal career service positions. By October 1964 over 3,000 volunteers will have completed their service in the Corps. OPT is working with field personnel offices to develop a plan to use this personnel source. Officials with vacancies to fill should contact their personnel offices regarding availability of such candidates.

GOOD DEAL FOR FALLOW PILOTS. Veteran Administration records show that over 300,000 private pilots and 169,000 commercial pilots received training under the G. I. Bill of Rights. FAA's "Statistical Handbook of Aviation" shows active commercial pilots to be 96,047 as of January 1, 1963. Inactive pilots who received VA-sponsored training are now being sought by AOPA which proposes to rekindle their aviation interest by offering them up-to-date refresher flight training.

HAZARD CONFERENCE SLATED. FS-100 and NAFEC have developed plans for an FAA-Industry conference at NAFEC September 9-10 on carbon monoxide hazards associated with faulty cabin air heaters. Information will be exchanged and programs discussed to reduce CO hazards. Invitations were sent to regional offices and industry.

HINK GOES TO AIR UNIVERSITY. Lynn L. Hink, WE, was selected as the Agency's candidate to attend the 1965 Air War College class of Air University, Maxwell Air Force Base, Ala., beginning August 10, 1964. Clay Hedges, CE, is the alternate.

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ACPP Number	Position Title, Grade & Series	Area of Consideration	Key Number
Position Location: FAA Academy			
*FPP-AC-64-1463	Airplane Pilot, GS-1681-13	AC, PC, AL & NAFEC	***
Position Location: Office of the Manager, Aero. Center			
*FPP-AC-64-1464	Supvry Cost Accountant, GS-510-12	Agency Wide	263
ACPP-1465	Ektalith Operator, WB-4427-06	Center Wide	***
Position Location: Installation and Materiel Depot			
*FPP-AC-64-1466	Communications Program Spec., GS-301-12	Program Mgmt. Div.	**
*FPP-AC-64-1467	Supply Cataloging Supervisor (Comm. & Elec. Equip.), GS-2050-12	AL, AC, PC & NAFEC	**
ACPP-1468	Supply Cataloger (Comm. & Elec. Equip.), GS-2050-09	I & M Depot	**
ACPP-1469	Program Control Spec., GS-301-07	Program Mgmt Div.	**
ACPP-1470	Supply Inspec. Lead Frmn, WS-6965-04	I & M Depot	304
Position Location: Engineering & Manufacturing Div. - Field Ext.			
*FPP-AC-64-1471	Aerospace Engineer (M&S), GS-861-14	Agency Wide	292
*FPP-AC-64-1472	Aerospace Engineer (P&P), GS-861-14	Agency Wide	292
ACPP-1442	Offset Press Operator, WB-4417-11	CANCELLED	

(*) Closing Date: 8-5-64.

(**) On file Room 104, Headquarters Building.

(***) On file Room 103, Headquarters Building.

Promotion lists established as a result of these announcements may be used for a period of 90 days to fill additional vacancies in the same tenant organizations.

* * * * * PLEASE USE YOUR ROUTING SYMBOL * * * * *

INTERCOM

F E D E R A L A V I A T I O N A G E N C Y

FAA Aeronautical Center

64-30 July 29, 1964

A POINT OF CLARIFICATION. The White House announcement of the approaching retirement of Lieut. Gen. Harold W. Grant from the United States Air Force has no bearing on his present position as Deputy Administrator of the Federal Aviation Agency. General Grant was appointed Deputy Administrator of the FAA by President Kennedy on Feb. 1, 1962. The appointment was confirmed by the Senate on February 20th. Since General Grant was appointed Deputy Administrator of the Federal Aviation Agency by the President, only action by President Johnson can affect his future with the Agency. The FA Act of 1958 which established the FAA, stipulates that if the Administrator is a former regular military officer, his Deputy must be a civilian. If the Administrator is a civilian, his Deputy may be a military man on active or retired status. Since N. E. Halaby, the Administrator of the Federal Aviation Agency, is a civilian, General Grant had the choice of serving as a retired officer or remaining on active duty. He chose to remain on active duty. As Deputy Administrator he reports only to the Administrator and to the President. General Grant has now been on active duty as an Air Force officer for 35 years. The law stipulates that an officer must retire from military service after this length of time. General Grant's status as a Presidential appointee places him in an entirely different category from other military officers temporarily detailed to the FAA.

SMALL BUSINESS? The Small Business Administration announced a proposal to increase the size standard for retail aircraft dealers from \$1 million in annual sales to \$3 million. The size standard would apply only to eligibility for SBA loans. The change was urged by industry representatives who felt that the \$1 million standard was too low.

SUGGEST, SUGGEST. Nov. 30 marks the 10th anniversary of the Government Employees Incentive Awards Act. The Civil Service Commission plans a nation-wide observance, climaxed by the presentation of special honorary awards to selected Federal employees whose suggestions have benefited the Government. Get YOUR suggestion in to your supervisor or recognition and awards coordinator today and gain national recognition for yourself and the Agency.

AIR-TAXI TIPS. Advisory Circular 120-14, Air-Taxi Operators and Commercial Operators of Small Aircraft, is being printed and is scheduled for distribution Aug. 15. In addition to clarifying FAR Part 135, the circular gives illustrated non-regulatory information about operations/limitations and aircraft en route performance.

CLASS ACT PAY BILL AND CLASSIFICATION LINKED. With action eminent on passing a new pay bill for GS employees, the President and Bureau of Budget again have stressed that Federal Agencies must attack more vigorously grade escalation in the Federal Service. In assuring pay comparability with private industry by passing salary raises for Federal employees, firm action must be taken to guarantee that all positions are correctly classified in accordance with applicable classification standards. Federal Agencies have been asked to make renewed efforts to control "grade creep" so that the principle of pay comparability may continue.

ANNUAL WB WAGE SURVEY UNDERWAY. Each year rates of WB occupations in the Oklahoma City wage board area are reviewed jointly by the Bureau of Labor Statistics and the Army/Air Force Wage Board. BLS started their part of the survey July 6, the Army/Air Force wage board portion of the survey is tentatively scheduled to begin in August. They estimate that an effective date for possible wage board increases for Aeronautical Center and Tinker AFB WB employees might be sometime in October.

SUMMARY OF TRAINING ACCOMPLISHED IN FY-1964. Having just completed another fiscal year, we thought you might be interested in a few facts and figures on training of Aeronautical Center employees. The previous years give us a basis for comparison and show the increase that has been accomplished. Although not shown separately, the Academy accomplished much of the Management and General Training for us.

<u>NUMBER OF EMPLOYEES</u>	<u>FY-61</u>	<u>FY-62</u>	<u>FY-63</u>	<u>FY-64</u>
Management & General	789	909	1,137	1,687
Other In-Service	205	5,972	9,518	15,817
Out-of-Agency	613	658	831	696
TOTAL	1,607	7,539	11,486	18,200

The total number of hours has gone from 80,580 in FY-63 to 92,602 in FY-64. Training on such a large scale costs a lot of money and takes a lot of time. We should all be extremely conscious of the need to select the training we need wisely and to use it effectively in our daily work assignments.

HALABY AND BAIN TO ATTEND HEADLINER DINNER. Sigma Delta Chi and the Oklahoma City Press Club will honor the FAA Administrator and Deputy Administrator for Supersonic Transport at a "Headliner Dinner" in Oklahoma City at the Sheraton Hotel the night of August 3. This marks the end of the 6-month boom studies program in the Oklahoma City area. The Administrator will make a brief talk on the booms and the SST program. Both Mr. Halaby and Mr. Bain will be questioned by a select panel of newsmen as to the SST and the future of the boom studies.

FOREIGN NATIONALS TO ATTEND ACCIDENT SCHOOL. The Agency and CAB concurred on attendance by foreign nationals at the National Aircraft Accident Investigation School in Oklahoma City. First invitations go to Mexico and Australia through the Department of State for one participant each in the class starting Sept. 9. Instructions to personnel named by their governments will be worked out jointly by FAA/CAB.

CONFERENCE RESCHEDULED. Because of a crowded calendar, the quarterly Program Review Conference has been rescheduled. It now will be held the week of September 28 at Washington headquarters.

ATTENTION WW I AVIATION BUFFS. Do you know anyone in FAA who has restored, is restoring, or flying a WW I military aircraft? FAA HORIZONS plans to run a story on WW I military aircraft, both Allied and Central Powers, and would like to feature FAA people. Photos and details are solicited. All material submitted will be returned. Write to: Editor, FAA HORIZONS, Federal Aviation Agency (ID-40), 800 Independence Avenue, S. W., Washington, D. C. 20553.

ICAO GETS TOUGH WITH ROUGH AIR. The Council of the International Civil Aviation Organization has set aside four five-day periods per month during December 1964 and March, June and September 1965 to study the causes and distribution of high altitude turbulence. During each period, turbine-powered civil aircraft flying above 20,000 feet will report turbulence to special centers. Results of the program will be analyzed by the meteorological services of Argentina, Australia, France, India, Japan and the United States.

REMINDER. Recently the White House restated the President's views prohibiting Federal participation in segregated meetings and assemblies. Federal Aviation Agency Order CS 3300.1, paragraph 4c, is repeated here for the information of all employees: "Attendance at Segregated Facilities or Meetings Prohibited. An Agency employee shall not attend or participate as a representative, at any event, meeting or organized activity conducted at a public or nonpublic facility, if the facility or sponsoring organization practices discrimination based on race, color, creed or national origin."

INSTANT CHARITY. A one-shot combined charity drive among some Government employees will be made this fall instead of the usual three individual drives during the year. As part of a test to see if this system should apply throughout the country, the following cities will participate: Dover, N. J.; Macon, Ga.; San Antonio and Fort Worth, Tex.; Chicago, Ill.; Minneapolis and St. Paul, Minn.; Bremerton, Wash.; and Washington, D. C.

TEAM ACTIONS ANALYZE PROBLEMS. Two new one-week courses, "Management Effectiveness Through Team Action" and "Management Problem Analysis and Decision Making" will be given this fall at the Hotel Moraine, Highland Park, Ill. The "decision making" course starts September 13 and "team action" follows on October 4. Get details from local PT training officers.

FS-300 BOOSTS AVIATION. FS-300 supplied Howard University's aviation workshop with information and several publications for use in its summer course. This aviation workshop is unique in the Washington, D. C. area. The division also filled a request from Lansing, Mich. for materials for a secondary school and junior college aviation teachers' summer workshop. See "FAA Goes to School" in July's FAA HORIZONS.

CLUB BUGS TO PLUG CLUBS. An FAA Flying Club Managers Four-Day Seminar, conducted by the Office of General Aviation Affairs, will meet at the FAA Academy August 19-22 to discuss organization and operation of flying clubs. The first two days will be limited to Agency personnel; industry will be invited to participate during the last two days. See PT 3000.15, June 12, for more information.

PROMOTION PLAN ANNOUNCEMENTS FOR AERONAUTICAL CENTER EMPLOYEES ONLY

Closing Date: 8-5-64. The best qualified applicant will be selected for these positions regardless of race, color, creed, sex or national origin.

APPLICATIONS SHOULD BE SENT TO PLACEMENT BRANCH, AC-14. Those received after 4:30 P.M. on closing date will be returned.

A Personnel Data Summary (FAA Form 2062) must be initiated the first time an employee requests consideration for a vacancy. A new PDS should not be submitted for future requests unless the employee's supervisor or the Placement Branch determines that a new rating is needed.

ACPP Number	Position Title, Grade & Series	Area of Consideration	Key Number
ACPP-1	Secretary (Stenography), GS-318-05	Aero. Center	300
ACPP-20	Secretary (Stenography), GS-318-06	Aero. Center	300

PLEASE NOTE: The above announcement is a "ROSTER" position. Promotion lists for all organizations under the payroll jurisdiction of the Aeronautical Center will be prepared from the roster established as a result of this announcement for a period of 90 days from the closing date. Employees who were eligible on the previous rosters need not reapply. All other employees who believe they are eligible or will become eligible within the next 90 days should apply.

Position Location: Installation and Materiel Depot

ACPP-1459	*Plans & Programs Spec., GS-301-11	Aero. Center	**
ACPP-1473	Electroplater, WB-3711-09	Equip. Services Div.	306

Position Location: Control Systems Data Establishment

ACPP-1474	Supvry Coding Clerk, GS-357-05	Cont. Sys. Data Estab.	269
ACPP-1475	Coding Clerk, GS-357-04	Cont. Sys. Data Estab.	269

Position Location: Aeromedical Certification Division

ACPP-1476	Card Punch Supervisor, GS-356-04	Aeromedical Cert. Div.	197
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Position Location: National Field Headquarters

ACPP-1477	Navigational Aids Analyst, GS-301-09	Natl. Field Hq.	**
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ACPP-1417	Warehouseman, WB-6907-06	CANCELLED	
ACPP-1384	Inventory Management Ass't., GS-2010-5	CANCELLED	
ACPP-1385	Supply Clerk, GS-2040-05	CANCELLED	
ACPP-1467	Supply Cataloging Supervisor (Comm. & Elec. Equip.), GS-2050-12	CANCELLED	
ACPP-1468	Supply Cataloger (Comm.&Elec.Equip.), GS-2050-09	CANCELLED	

(*) Reannounced to extend area of consideration.

(**) On file Room 104, Headquarters Building.

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