



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

# Western Intercom



AIRWAY FACILITIES  
ESTABLISHMENT ENGINEERING  
ENVIRONMENTAL SECTION

## Cover Story

The Environmental Section of the Airway Facilities Division's Establishment Engineering Branch is responsible for implementing improvements to the National Airspace System of facilities.

The Section is headed by Nick Boyiazis who is assisted by Nelson Gnrke. The Section's Project Engineers are Ken Sander (Visual Aids), Don Lingren (Navigational Aids), Paul Collander (Terminal Radar), Alan Hanson (Enroute Radar/Communications), Terrence Ralph (Terminal Communications/Weather), and John Parsons (ARTCC/Mechanical/Electrical Staff). Assistant Project Engineers include Tom Ferguson, Rory Geil, Tom Grant, Ken Key, John Milne, Wayne Olson, Tom Pizza, Al Shota, Dick Sowa, Al Trimels and Powell Underwood. The Section's field force of 16 engineers and engineering technicians is supervised by Bob Kivitt, Environmental Construction Supervisory Engineer. This field work force consists of Mickeal Agaibi, Wally Al-Aseer, Ron Allshouse, Rob Burnett, Jim Frohlich, Larry Gardner, Ron Keiser, Greg Massoud, Luis Miranda, Ed Mundy, Miguel Negrete, Gary Pettengill, Joe Rodriguez, Cliff Rustad, Willie Villalobos and Tom Yundt. Secretarial/clerical support is provided by Kathie Yamada. Each year the Section accomplishes in the range of five million dollars worth of facility enhancements to the National Airspace System, including establishment of new facilities and relocating or modernizing existing navigational, enroute and terminal facilities. The Section's work consists of all phases of engineering including preparation of budget and construction estimates, initial site investigation, survey and selection; engineering design for facilities

including site adaption of Washington standards; environmental impact studies and reports; preparation of plans and specifications for procurement advertising; construction inspection; and documentation of project records. Project design expertise within the Section's resources includes civil, mechanical and electrical engineering. Section personnel coordinate extensively with airport sponsors, utility companies, engineering consultants as well as within-agency coordination with other Airway Facilities Division elements, Air Traffic, Flight Standards, Logistics and Airports Divisions. Some of the Section's current projects include the just completed Burbank TRACON construction, new facilities to replace Las Vegas Tower/TRACON and Orange County Tower, improvements at Oakland Bay TRACON, San Jose Tower and Coast TRACON for TRSA, and numerous ILS systems, VASIs, REILs for identified reliever airports around the Region. In general, the Section provides support to the Airway Facilities Division on any environmental matters concerning the Facilities and Equipment (F&E) program. Featured on the cover are: From left--Alan Hanson, Project Engineer; Nick Boyiazis, Chief, Environmental Section; and Nelson Gnrke, Assistant Chief, Environmental Section. Cover photo by Barbara Abels.

FAA INTERCOM is published weekly for Western Region employees of the Department of Transportation/Federal Aviation Administration by the Public Affairs Office. Articles and photographs should be received by the Editor, AWE-5, extension 6431, by 11 a.m., Thursday, for publication in the following week's issue.

AIRWAY FACILITIES  
ESTABLISHMENT  
ENGINEERING  
ENVIRONMENTAL  
SECTION PERSONNEL



C



A



D



B

Environmental Section personnel on the job are: From left-- A--Tom Pizza, John Milne, Al Shota, Ken Sander and Wayne Olson (seated). B--Luis Miranda, Greg Massoud and Rob Burnett. C--Field Engineer Joe Rodriguez measures distance with a geodimeter. D--Wally Al-Aseer and Cliff Rustad inspect a grounding and electrical installation.



MORE ENVIRONMENTAL  
SECTION PEOPLE



More Airway Facilities Establishment Environmental Section people, from the left, are:

A--Wally Al-Aseer, Bob Kevitt and Cliff Rustad refer to project plans at a construction site.

B--Rory Geil (seated), Tom Ferguson, Tom Grant and Don Lingren.

C--Jack Weaver, Field Maintenance Party (FMP) performing work for the Section.

D--Paul Colander, Terry Ralph, Dick Sowa, Powell Underwood and Ken Key.



## Air Traffic System Safe, FAA Tells Congress

The air traffic control system is safe, "every bit as safe as it was before the strike," the Administrator reassured a Congressional subcommittee last week. Appearing with Secretary Lewis in a packed hearing room before the House Government Operations subcommittee, the Administrator said one of the major reasons for the system's continued safety since the strike was the decision by FAA "to constrain the volume of traffic...rather than place any possible undue strain on our operating capabilities." However, even with substantially reduced staffing levels, he noted, "We have been able to safely handle from 75 to over 80 percent of the normal scheduled aircraft movement within the air traffic system," a level that can be expected to continue through April 1982. The Administrator also reassured the subcommittee that controllers now on duty are fully qualified and certified, despite allegations to the contrary, and, in that regard, he noted a substantial decrease in the number of reported near mid-air collisions and operational errors since the

strike, compared to the same period a year ago. Toward the end of the third year of rebuilding the system, he said, "We expect to have attained recovery of full capacity and to be able to safely handle previous peak-hour traffic activity and perhaps even slightly more." He then outlined for the panel the temporary measures that have been taken, in the meantime, to supplement the controller workforce, including the temporary relocation of some employees, reappointment of former FAA controllers who had previously resigned or retired and the temporary hiring of furloughed pilots to fill support positions (see last week's INTERCOM). In addition, he said, 5,000 to 6,000 controllers will be trained at the FAA Academy within the next year. Adding newly trained controllers and flight data specialists "will serve in the short term to lessen work hours and permit vacation time to be scheduled," he said, adding, that no controller now is working a scheduled work week in excess of 48 hours, and many are working the normal 40 hours.

## Senator Thanks Controllers

New Hampshire Sen. Gordon J. Humphrey, joins thousands of other pilots and passengers in thanking controllers who stayed on the job. His letter to Ray Van Vuren, Director, Air Traffic Service, speaks for itself: "Please extend my sincere congratulations and thanks to the Air Traffic Controllers around the country who have decided to return to work within the time frame set by the President, rather than continue to be a part of the Illegal strike by the Professional Air Traffic Controllers Organization. As a former airline pilot, I realize

and appreciate the hard work and skill that each professional controller must contribute to keep the nation's airways safe and trouble free. The controllers who have returned to work did so in the face of a heavy pressure from, and in some cases harrassment by, the other striking controllers. By abandoning the strike and choosing to carry out their labor grievances within the confines of the law, they have exhibited the highest qualities of professionalism and deserve the thanks and congratulations of all Americans."

## Retirees Corner

No. Calif. Retirees Picnic--  
The third annual FAA Picnic at Ralph Anglea's Tahoe home attracted over 70 participants, some coming from as far away as Salt Lake City. As usual, food, drinks and tall tales were plentiful. Tentative plans for next July are to "Circle the Wagons," (trailers, motor homes and campers) in Pope Valley, south of Tahoe.

Retirees Luncheon--A retirees luncheon will be held at 11:30 a.m., October 20, at the Kings X Restaurant, 6835 La Tijera, in Westchester, just off the San Diego Freeway at Centinela. Choice of filet of sole or sirloin tips, \$7.00 including tax and tip, payable at the luncheon. Please make reservations and entree selections by Oct. 14 by contacting Phil Guindon, 213/670-8124, or Fred Potter, 213/670-8769, 7222 Kentwood Ave., Los Angeles, CA 90045. Let's hear from you FAA and Credit Union retirees for this informal get-together.

## Certain Access Codes Eliminated From Area Code 213

On September 1, 1981, General Services Administration installed automated Flexible Route Selection equipment (FRS) equipment which eliminated the need for users to determine the access codes of 138 or 191 to reach certain commercial prefixes in area code 213. FTS users will dial 9 + 7-digit commercial numbers in area code 213. The automated FRS equipment will route the call by way of local trunks or by foreign exchange trunks as appropriate. If you have questions, call Sherri McKenzie, AWE-53, 536-6727.

## More Jobs Open

The International Civil Aviation Organization (ICAO) has two-year job openings in Paris, Montreal and Mexico City. The Paris opening is for an Air Transport Officer. Mexico City wants a Technical Assistance Officer and Montreal a Field Operations Officer, an Economist and a Personnel Officer. Gross salary for all positions is \$38,167 with a tax-free net of \$25,672 to \$27,612. Applications for all jobs are due in Washington headquarters by October 25.

## Los Angeles AF Sector Facts

A belated welcome to Benjamin Ortega who transferred from the Lancaster Airway Facilities Sector, and our two CETA Summer Youth Employees, Yvette Fuller and Blaine Edmond. Congratulations to LAX Sector employees receiving awards, service pins and Letters of Appreciation (listed in the awards section of INTERCOM.)

## Fresno Airway Facilities Sector News

A surprise party was held for Mel Haworth, Sector Manager, on Aug. 17 to commemorate the completion of 30 years of Federal service. Our sympathy is extended to Carl Littlejohn, Sector Environmental Unit Supervisor, and his children, on the death of wife and mother Jackie, on August 30.

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## NEW ZEALAND'S DIRECTOR OF CIVIL AVIATION VISITS WESTERN REGION FACILITIES

Capt. E. T. Kippenberger, Director, Civil Aviation Division, New Zealand Ministry of Transport, was recently escorted on a tour of FAA facilities in Los Angeles by Deputy FAA Administrator Mike Fenello; Acting Western Region Director H. C. "Mac" McClure; and Air Traffic Division Chief Bob Smith. From left: Bob Smith, Capt. E. T. Kippenberger, Mike Fenello and "Mac" McClure. Photo by Alex Garvis.



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## New DFs Delivered

The first 19 "gap-filler" Direction Finders (DFs) have been shipped to flight service stations in the regions, with two more going to the FAA Academy for training maintenance technicians. All together, 127 DFs have been ordered to supplement the 166 DFs now operational and to fill gaps in the DF coverage network over the contiguous U.S., Alaska, Hawaii and Puerto Rico. Built by Servo Corp. of America, the equipment features solid-state construction and remote maintenance monitoring. DF equipment allows flight service station specialists to pinpoint the location of lost pilots by homing in on their radio transmissions. The use of DF is a factor in hundreds of flight assists every year, and the increased coverage provided by the additional units will further enhance safety. All systems in the gap-filling buy are expected to be delivered by early 1982. The first facility expected to commission the equipment is the Kenai, Alaska, FSS, tentatively scheduled for sometime before October 1.

## FAA's Largest Plane Scheduled For Crash Tests

FAA's only large, four-engine jet transport, a Boeing 720, left the Technical Center recently to prepare for its last flight. The plane flew to NASA's Dryden Flight Research Center at Edwards Air Force Base in California, where it will be prepared for a remote-controlled crash in the Mojave Desert to test antimisting fuel. The crash test in 1984 will conclude years of research in the area of antimisting fuel additives--an effort to prevent the huge fireball that can occur when a jetliner crashes and the fuel tanks rupture. Other tests planned during the \$10 million safety experiment will involve seat/floor structures; emergency equipment, including emergency lighting and evacuation exits; and fuel tank systems, including frangible fittings and rupture-proof fuel tanks. If the crash test is successful, it could pave the way for general use of antimisting additives in jet transports.

# National Airspace System To Get Thorough Review

The agency has proposed a thorough review of the National Airspace System (NAS) with a view to simplifying it and making it more efficient for both civil and military pilots. First announced by the Administrator in April, the review will focus on implementing valid recommendations for changes to airspace design and management as well as procedural aspects of the ATC system over a 42-month period. Recent changes in aviation which make the review necessary include the soaring costs of fuel, the growth and sophistication of general aviation, the increase in commuter and airline activity since

deregulation and the continuing increase in helicopter activity. The proposed review calls for the establishment of 18 task groups, each of which will investigate a particular aspect of NAS. One task group, for example, will review jet routes and low-altitude airways to make sure they conform to today's traffic flow needs and are designed to promote fuel efficiency. Another group will examine the criteria for establishing terminal control areas and other specially designated traffic control areas and will make recommendations for simplifying their design. Comments concerning the review should be sent to AAT-330.

## University Courses Offered

The University of La Verne will be conducting off-campus graduate business programs at several locations throughout southern California, including the Los Angeles Flight Service Station at 5885 W. Imperial Highway. Their fall schedule includes the following courses being held at the FSS: Financial Management - Tuesdays, Oct. 6 through Dec. 15, from 5 to 9:30 p.m.; Management Systems, Mondays, from 5 to 10 p.m.; and Industrial Relations, Wednesdays, from 5 to 10 p.m. Students must pay their own expenses and will not be reimbursed by the agency. Further information is available from Wayne Lynch, Chief, Training Branch, 536-6220, or Jim Howland, Los Angeles FSS, 642-3961.

## Cancelled Orders

Due to budget restraints at the Washington level, the Directives Checklist for the quarter ending July 31, 1981, will not be published. All additions and deletions of directives this quarter will be reflected in the next checklist. However, for your information here is a list of WE Orders that have been cancelled:

<u>Order Number</u>	<u>Cancelled By</u>
WE Order 1050.1	Order 1053.1 WE SUP 1
WE Order 1050.2	WE Order 1050.2A
WE Order 1052.1A	Order 1053.1 WE SUP 1
WE Order 1052.2	Order 1053.1 WE SUP 1
WE Order 1100.29	Administrative Decision
WE Order 2700.18B	WE Order 2700.18C
WE Order 3330.24C	RENOT 80/67
WE Order 4405.1I	WE Order 4405.1J
WE Order 4405.2	Administrative Decision
WE Order 5000.2D	WE Order 5000.2E
WE Order 6030.33F	WE 6030.33G
WE Order 6050.1B	WE 6050.1C
WE Order 8000.8A	WE Order 1650.1

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## Awards

### Outstanding With Quality Within-Grade Increase:

Robert F. Gayden, Los Angeles Airway Facilities Sector (AFS).

### Quality Within-Grade Increase Awards:

Lory U. Cariaga and Takashi Takeuchi, Los Angeles AFS.

Noboru Kito, Electronics Technician, Mt. Laguna AF Sector Field Office.

### Special Achievement Awards:

Thornton Moxley, Electronics Technician, Yuma AF Sector Field Office (AFSFO).

Juan Del Rio, Environmental Support Technician, San Diego AFS.

Garry Wohlleib, Technician-in-Depth, San Diego AFS.

John A. Svoboda, Relief Technician, San Diego AFS.

Theodore Kefaliotis, Electronics Technician, Miramar AFSFO.

Edward Owens, Systems Performance Specialist, Miramar AFSFO.

Walter Kaechele, Electronics Technician, San Diego AFS.

Richard Wise, Electronics Technician, Miramar AFSFO.

### Letter of Commendation:

Robert Romio, Electronics Technician, Mt. Laguna AF Sector Field Office.

### Letters of Appreciation:

Neil Folden, Oakland AF Sector, from Palo Alto Tower Chief.

Eldon E. "Chris" Christopherson, Fresno AFS, from Sector Manager.

Kent Petersen, Los Angeles AFS, for Career Day, Los Angeles Southwest College

Brenda Fisher and Vickie Floyd, for duties performed while assigned to

Los Angeles Airway Facilities Sector.

Sidney Bowen, Los Angeles AFS, for Career Day, Los Angeles Southwest College.

Roger Fogarty, who resigned to private industry, for his performance while assigned to the Navoids Unit in the Los Angeles AF Sector.

Bill Pfau, James Brewer, Bob Trettevick and Steve Herbst, Los Angeles AFS, for assisting the Radar Unit in a BRITE/BANS problem.

### Career Service Emblems:

#### 30 years:

Jerry Long, Oakland Airway Facilities Sector.

#### 25 years:

Charles W. Jackson, Electronics Technician, San Diego AFS.

Alvin T. Groner, Supervisory Electronics Technician, San Diego AFS.

Fred Stubbe, Supervisory Electronics Technician, San Diego AFS

Harold L. Davison, Environmental Support Technician, San Diego AFS.

Robert Romio, Electronics Technician, Mt. Laguna AF Sector Field Office.

Darrell Harless, Supervisory Electronics Technician, Yuma AFSFO.

Marcel Edwards, Technician-in-Charge, Imperial AFSFOU.

Richard Mitchell, Systems Performance Specialist, Miramar AFSFO.

#### 15 years:

Dan Dunton, Oakland Airway Facilities Sector.

J. Doug Gilmore, Fresno Airway Facilities Sector.

George Woo, Los Angeles Airway Facilities Sector

Doris Lee, Los Angeles Airway Facilities Sector

Sandra Zeilinger, Administrative Services Clerk, San Diego AFS.

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## Civilair News

Civilair Pinochle Club -- on Aug. 19 we had one winner--David Bass. Our first game for September was held on Sept. 2 and the big winner was Robbi Shields. Competition is what we need! For more information, please call Robbi Shields on ext. 6313.

Federal Employees Day at Disneyland - Remember to get your tickets for Federal Employees Day at Disneyland on Monday, Oct. 12. Tickets available at \$6 per person at the Civilair Desk or your Civilair Representative.

## Many Deaths Preventable Says NTSB

Failure in aircraft seats, occupant restraints and cabin furnishings were responsible for many of the 1,850 injuries and deaths in major survivable air carrier crashes since 1970, the National Transportation Safety Board said in a report released recently. NTSB urged FAA to improve occupant protection standards, stating that "sufficient knowledge and experience exists to support upgrading the minimum design standards." The Board also said that some of the regulations dealing with occupant protection in crashes were last updated 30 years ago. The Board specifically recommended both static and dynamic testing for seat and restraint systems and asked FAA to establish standards for this testing. In addition, NTSB said FAA should develop internal procedures to regularly review available technology and the improvement of that technology in its crash-worthiness programs.

## FSS Weather Briefings Hit

A new National Transportation Safety Board report says that general aviation pilots do not always receive all the information they should during weather briefings by flight service station specialists. The Board took an in-depth look at six weather-related accidents, out of 72 investigated by that agency in 1980, and found that the weather briefings were inadequate in all six cases. The report recommended that FAA tape record all FSS weather briefings and monitor them on a regular basis to see that FSS specialists comply strictly with the agency's weather briefing procedures. Single copies of the report--"Special Investigation Report: Flight Service Station Weather Briefing Inadequacies"--will be available around the third week of September from the NTSB Publications Branch, Washington, D.C. 20594.

## San Diego Airway Facilities Sector News

Congratulations to the following who received promotions: Al Knieriem, GS-856-11; Darlene Lowell, Charles Lett and Walter Altman, GS-856-7, Electronics Technicians; Bill Hopkins, WG-4749-11; and Lynnette Ortuno, GS-856-7, Electronics Technician. Peter Tarasiewicz was temporarily promoted to Chief, Miramar AF Sector Field Office, after Henry Robeson was reassigned to the Technical Support Officer vacancy created when John Scott was selected for a regional office position. Matt King's 13-year-old son Mike and his soccer team, the U.S. Express, from Rancho Penasquitos, had

a very successful tour of New Zealand this summer, visiting Auckland, Touranga, Rotorua and Christchurch, and coming out winners in most of the soccer games. They were honored locally by the San Diego County Board of County Commissioners with plaques and commendations for being such fine Good Will Ambassadors. A retirement luncheon was held for Darrell Harless, Yuma AF Sector Field Office Chief, who retired the end of July. Douglas Northington has been reassigned to the San Diego AFS Nav/Comm Unit, from Imperial AF Sector Field Office Unit.