

GA/AE WORKS WHILE YOU SLEEP

All night long, aerial work aircraft expedite financial transactions by transporting canceled checks and other documents throughout the international banking system. By cutting down the cost of “float” until checks clear, general aviation plays a vital role in banking and commerce.

AERIAL WORK AIDS AGRICULTURE



Agricultural pilots treat more than a million acres of cropland each year, boosting production of the world’s agricultural bounty. The majority of all commercially employed crop protection is applied by air. Planting, too, can often be done more efficiently by air. Ranchers use general aviation aircraft to manage herds and grazing land. Agriculture and general aviation are longtime partners in progress.

AERIAL WORK FACILITATES LAW ENFORCEMENT

General aviation aircraft have revolutionized law enforcement in federal, state and local jurisdictions. Police use light airplanes and helicopters to patrol highways, apprehend suspects, back up ground units, monitor national borders and locate lost children.

GENERAL AVIATION: THE PEOPLE’S AIR CARRIER

If scheduled airlines are the world’s air transport arteries, general aviation is its equally important capillary system. GA/AW flights carry passengers to and from smaller cities, tens of thousands of which



have no airline service. Business, cargo and personal flights reach anywhere, any time – on the traveler’s or shipper’s schedule, not the airline’s.

Most major airline flights operate out of just a few hundred of the world’s big city airports. Approximately half of those flights merely shuttle passengers among other large international airports. But general aviation serves tens of thousands of landing facilities throughout the world.

General aviation and aerial work have a long and flexible reach. Take advantage of it.

International Civil Aviation Organization Definitions (ICAO Annex 6)

Aerial Work – An aircraft operation in which an aircraft is used for specialized services such as agriculture, construction, photography, surveying, observation and patrol, search and rescue, aerial advertisement, etc.

Commercial Air Transport Operation – An aircraft operation involving the transport of passengers, cargo or mail for remuneration or hire.

General Aviation Operation – An aircraft operation other than a commercial air transport operation or an aerial work operation.



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**Promoting and Protecting International
General Aviation and Aerial Work Activities
Since 1962**



GENERAL AVIATION AND AERIAL WORK OPERATIONS



**What Are They
and How Do They Work?**



GENERAL AVIATION AND AERIAL WORK OPERATIONS

General aviation comprises virtually all civilian flights except those involving compensation or hire. A small segment of aviation called aerial work is officially different from general aviation (see ICAO definitions), but general aviation essentially flies everything that the airlines and air charter operators don't.

As simple as that? Yes. And as complex as that. General aviation and aerial work (GA/AW) include flying as diverse as aerial photo mapping and a weekend visit back home; as different as emergency medical evacuation and inspection trips to remote construction sites; as complementary as aerial application to keep crops healthy and airborne law enforcement to keep the peace. Just for starters.

General aviation benefits the community in so many ways it's hard to cover them all. We scan a few on the following pages.

An estimated two-thirds of GA/AW flights are conducted for business and public services that need transportation more flexible than the airlines can offer. That flexibility can be a hometown businessman flying his own small airplane to see four clients on a one-day, 700-mile circuit, or it can



be a CEO and five staff members working at 30,000 feet while en route to a major meeting. By scheduled airline, the first could take four days and three hotel bills; the second would be impossible.

Like the family automobile, the family airplane (owned or rented) can provide mobility and pleasure, and it's almost always a more enjoyable trip by air. The family airplane can triple the comfortable range of vacation travel while avoiding the stress and frustrations of heavy traffic. And, of course, the family breadwinners can use the same airplane to great advantage in business by virtue of its speed and flexibility.

A common misperception leads some to think of personal or small business aircraft as only for the extremely wealthy. In fact, many people of middle-class means fly airplanes less costly to acquire than a new family car.

And learning to fly general aviation aircraft is well within the capabilities of the average person, intellectually and physically. Even some disabilities – deafness, for instance – need not keep a person who really wants to fly out of the cockpit.

GA/AW has an excellent and steadily improving safety record. Since the big surge in private and business flying that followed WWII, the total accident rate has decreased by 90%.

More than 90% of the estimated 370,000 world civil aircraft belong to GA/AW. And of the world's one million pilots, an estimated two-thirds fly GA/AW aircraft (many airline pilots also fly general aviation aircraft for their leisure).

The great fleet of GA/AW aircraft is the mainspring of a multi-billion dollar industry which generates even more economic activity. Thousands of communities benefit as their airports create a positive ripple effect in the local economy. Their business people take advantage of rapid, on-demand air transportation, and the airports help attract corporations that would never locate a plant, headquarters or distribution center in a town without an airport.

GENERAL AVIATION AND AERIAL WORK FLIGHTS SAVE LIVES

Every day, general aviation transports blood supplies, vital transplant organs, and other time-critical, life-saving elements. Air ambulances carry out medical evacuation rescues and provide urgent transportation to trauma and other emergency centers. Many pilots volunteer their services (and often the use of their own aircraft) to transport patients who can not endure land travel to distant specialized treatment centers. Local volunteer pilot organizations provide such services at no cost to needy patients. Helicopter emergency medical evacuation is nearly doubling survival rates by getting accident victims to hospitals within the first critical "Golden Hour."

SPEED AND FLEXIBILITY

More and more people are discovering that general aviation is fast, efficient and safe, opening a whole new vista of travel opportunities. For both business and personal travel, general aviation means going where one wants to go (not just where the airlines go), when one wants to go (free from airline schedules), and in whatever degree of privacy and security one desires.



The payoff is greater transportation flexibility and productivity than any other mode of travel can provide. But even those who never seize these advantages benefit, because general aviation works for the community, fostering the economy and providing essential services.

GA/AW PROTECTS OUR ENVIRONMENT

The most efficient and cost-effective way to conduct wildlife surveys, map wetland losses and soil erosion, follow bird migrations, patrol parklands and detect pipeline spills is with general aviation aircraft. Specially equipped government and private aircraft gather information vital to the work of wildlife specialists, park rangers, prospectors, environmentalists and others.



Aerial work has long been our forward line in fighting forest fires. Helicopter and fixed-wing water bombers save millions of acres of woodlands each year, protecting homes, national parks and the nation's precious forests.

GA/AW MAKES YOUR DRIVING SAFER, SMOOTHER

Airborne traffic reporters broadcasting on radio and television help millions of Americans in their daily commute, reporting accidents and other tie-ups to drivers and to the police. On a trip, you'll use maps drawn and updated from aerial photo data. That basic information is also used by urban planners, engineers and government agencies to plan street and highway construction and improvements in the infrastructure.